

CHANCELLOR'S DOCKET NO. 71

THE UNIVERSITY OF TEXAS SYSTEM
Office of the Chancellor

April 4, 1974

TO THE HONORABLE BOARD OF REGENTS
OF THE UNIVERSITY OF TEXAS SYSTEM

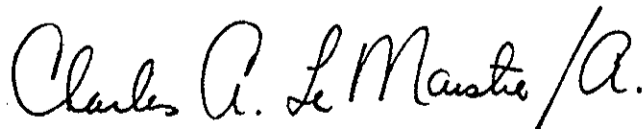
Mrs. Johnson and Gentlemen:

The dockets recommended by the Chief Administrative Officers concerned and prepared by the component institutions listed below are herewith submitted with my recommendation for ratification or approval, as appropriate, at the meeting of the Board of Regents on May 3, 1974. The budget changes included in these dockets have been approved by me and are herewith submitted as a report to the Board of Regents.

- The University of Texas at Arlington
(Pages AR-1 through AR-56)
- The University of Texas at Austin
(Pages A-1 through A-193)
- The University of Texas at Dallas
(Pages D-1 through D-9)
- The University of Texas at El Paso
(Pages EP-1 through EP-27)
- The University of Texas of the Permian Basin
(Pages PB-1 through PB-141)
- The University of Texas at San Antonio
(Pages SA-1 through SA-15)
- The University of Texas Health Science Center at Dallas
(Pages HD-1 through HD-84)
- The University of Texas Medical Branch at Galveston
(Pages G-1 through G-24)
- The University of Texas Health Science Center at Houston
(Pages HH-1 through HH-19)
- The University of Texas Health Science Center at San Antonio
(Pages HS-1 through HS-25)
- The University of Texas System Cancer Center
(Pages CC-1 through CC-10)
- The University of Texas System School of Nursing
(Pages N-1 through N-13)

On the following pages, C-2 through C-4, are U. T. System and Institutional items which I also recommend for the Board's ratification or approval, as appropriate, including my report of budget changes.

Sincerely,



Charles A. LeMaistre, M.D.
Chancellor

CAL/cp

held for
- A-4

AR - No. 7 pages
A - 19 - relate to
A - 21 - look at documentation
A - 50, etc 77
PB - 4 - does it
enter into a
cert. catalog

CHANCELLOR'S DOCKET NO. 71

THE UNIVERSITY OF TEXAS SYSTEM
Office of the Chancellor

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April 4, 1974

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OF THE UNIVERSITY OF TEXAS SYSTEM

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Sincerely,

Charles A. LeMaistre, M.D.
Chancellor

CAL/cp

THE UNIVERSITY OF TEXAS SYSTEM ADMINISTRATION
REPORT OF AMENDMENTS TO THE 1973-74 OPERATING BUDGET
BOARD OF REGENTS MEETING - MAY 3, 1974

Source of Funds - Departmental Appropriations
(Unless Otherwise Specified)

Office of the Chancellor

1. Appoint Michael E. Hudson as Assistant to the Deputy Chancellor for Administration effective March 1, 1974 at an annual salary rate of \$24,000. (RBC# D-66)

Office of the Comptroller

2. Change the status of Dan G. Davis from Staff Auditor to System Auditor and increase his annual salary rate from \$12,168 to \$13,800 effective March 1, 1974. (RBC# D-69)
3. Correct the March 15, 1974 docket to reflect the appointment of Thomas M. Grady, Assistant to the Comptroller, at an annual salary rate of \$20,100 instead of \$20,000.

System Personnel Office

4. Increase the annual salary rate of Joseph C. Kennedy, Personnel Director, from \$27,900 to \$29,000 effective April 1, 1974. (RBC# D-81)

Office of Investments, Trusts and Lands

5. Appoint John D. McStay as Director of Stock Research effective February 15, 1974 at an annual salary rate of \$26,000. (RBC# D-63)
6. Transfer \$5,200 to the Classified Salaries account from the Administrative Salaries account to provide funds to establish a new classified position of Security Analyst. (RBC# D-65)
7. Increase the annual salary rate of William W. Stewart, Trust Officer, from \$26,000 to \$27,500 effective March 1, 1974. (RBC# D-75)
8. Increase the annual salary rate of Woodie R. Grisham, Operations Officer, from \$17,500 to \$19,400 effective March 1, 1974. (RBC# D-76)

Auditing Oil and Gas Production

9. Increase the annual salary rate of Wright Hallfrisch, Auditor, Oil and Gas Production from \$17,580 to \$18,180 effective March 1, 1974. Funds for this increase were transferred from the Travel account in this office. (RBC# D-63)

University Lands - Geology

10. Increase the annual salary rate of James B. Zimmerman, Geologist in Charge, from \$25,000 to \$26,000 effective March 1, 1974. (RBC# D-77)

Oil Field Supervision and Geophysical Exploration and
University Lands - Surface Leasing

11. Increase the annual salary rate of Leroy B. Carr, Oil Supervisor and Land Agent, from \$21,800 to \$22,800 effective March 1, 1974. (RBC# D-78, D-79)

Law Office of The University of Texas System

12. Transfer \$711 to the Law Office Classified Salaries account and \$118 to the Clerical Assistants account from the Available University Fund Unallocated Operating Account to provide a salary increase for a member of the secretarial staff and funds for hourly clerical help. (RBC# D-67)

Office of Facilities Planning and Construction

13. Appoint Bobby L. Garner as Construction Inspector effective March 15, 1974 at an annual salary rate of \$13,500. (RBC# D-72)

Office of Facilities Planning and Construction (Continued)

- 4. Resign Joseph R. Williams, Chief, Academic Units Section at an annual salary rate of \$23,200, effective March 7, 1974. (RBC# D-64)
- 5. Resign Jesse A. Sumpster, Architect and Planning Advisor at an annual salary rate of \$16,400, effective April 5, 1974. (RBC# D-71)
- 6. Resign Lane A. Bickham, Construction Inspector at an annual salary rate of \$13,000, effective April 16, 1974. (RBC# D-80)
- 17. Change the status of August F. Pacharzina from Engineer to Energy Systems Engineer and increase his annual salary rate from \$17,000 to \$18,500 effective April 1, 1974. (RBC# D-83)

Effective April 1, 1974, the following salary increases in the Office of Facilities Planning and Construction were approved:

	<u>Title and Name</u>	<u>1973-74 Annual Salary Rate</u>	
		<u>From</u>	<u>To</u>
18.	Assistant to the Director Harvey E. Emig (RBC# D-82)	\$25,400	\$26,500
19.	Senior Construction Inspector Joe K. Land (RBC# D-84)	14,500	15,000
20.	Construction Inspector James C. Harris (RBC# D-85)	13,500	14,000
21.	Robert R. Minter (RBC# D-86)	13,500	14,000
22.	Robert M. Stein (RBC# D-87)	14,400	14,900
23.	Gaston W. Stanford (RBC# D-88)	13,500	14,500

Cooperative Management Information System Project

- 24. Transfer \$688 to the Classified Salaries account and \$1,000 to the Maintenance and Operation account from the Cooperative Management Information System Project Unallocated Account to provide for operational needs during the remainder of this fiscal year. (RBC# D-68)

OTHER FISCAL ITEMS200. U.T. Austin - Drama Building Addition - Project No. 102-268

Correct the December 7, 1973 U.T. Austin Docket, Page A-146, to reflect a clerical correction on the amount of funds from Interest on Proceeds as \$472,690 rather than \$472,670.

2. U.T. El Paso - Acquisition of Land Adjacent to North Side of Campus

Misc.

The documentation presented in support of the item on Page 163, February 1, 1974 Minutes erroneously reported \$774,000. The correct figure is \$798,585.

3. Dallas Health Science Center - Authorization to Increase Contract Prices and Transfer FundsBasic Science Teaching Unit Phase I Buildings - Project No. 303-100200

Increase the McKee contract price by \$11,152 by change order from \$13,639,890 to \$13,651,042; and pay the A/E \$168 for supervision of this work.

Transfer funds as follows:

From: Project Contingency Funds		\$11,320	
To: Construction Contract (McKee)	\$11,152		
A/E Fee Account	168		
	Total		<u>\$11,320</u>

Parking Structure - Project No. 303-219200

Increase the Kugler-Morris contract by \$13,738 by change order from \$1,169,700 to \$1,183,438; and pay the A/E a 6% fee (\$824) for the canopy addition.

Utilize \$14,562 of the \$45,000 established and available for entrance/surveillance equipment as follows:

From: Equipment Account (Institutional Controlled)		\$14,562	
To: Construction Contract (Kugler-Morris)	\$13,738		
A/E Fee Account	824		
	Total		<u>\$14,562</u>

THE UNIVERSITY OF TEXAS AT ARLINGTON

Arlington, Texas

March 25, 1974

Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the May 3, 1974, meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,



W. H. Nedderman
President

THE UNIVERSITY OF TEXAS AT ARLINGTON

BOARD MEETING ON MAY 3, 1974

GIFTS

The following gifts have been received by The University of Texas at Arlington. I recommend acceptance and that the thanks and appreciation of the Board be sent the donor by the Secretary.

Q x 11

	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
1.	Arbrook, Inc. Arlington, Texas 76010	Two research fellowships Chemistry Department	\$ 8,400.00
2.	Amon G. Carter Foundation* P. O. Box 1036 Fort Worth, Texas 76101	Living Textbook Conference	6,500.00

CHANGES IN 1973-74 CLASSIFIED PAY PLAN

I recommend approval of the following changes in the 1973-74 Classified Pay Plan:

41

Additions

<u>Job Code</u>	<u>Job Title</u>	<u>Monthly Salary Range</u>
8540	Supervisor of Audio-Visual Technical Services	\$ 804 - 1048
8541	Supervisor of Audio-Visual Utilization Services	804 - 1048
9317	Supervisor, Programming Services	1084 - 1417

Changes

<u>Job Code</u>	<u>Job Title</u>	<u>Monthly Salary Range</u>
From: 9095	Teaching Aide	\$ 398 - 520
To: 9095	Graduate Teaching Aide	398 - 520

RESEARCH AND OTHER ACADEMIC CONTRACTS

The following contracts, grants and amendments have been signed by the appropriate official upon the recommendation of the respective technical directors and fiscal officers.

Expenditures from these contracts and grants will be made in accordance with regular University operating procedures and contractual limitations. I recommend your approval and ratification of signatures.

*No letter of transmittal received from donor.

D & F

NON-FEDERAL PROJECTS

1. Interagency Cooperation Contract IAC(74-75)-0739 between The University of Texas at Arlington and the Office of Information Services, Executive Department for in-state long distance voice telephone services provided on the Texas Agency Network (TEX-AN); and digital network services as required by The University of Texas at Arlington. The total amount of the contract shall not exceed \$26,820, with payments for service performed billed monthly. The contract is to begin February 28, 1974, and shall terminate August 31, 1975.
2. Interagency Cooperation Contract IAC(74-75)-0756 between The Texas Department of Community Affairs and The Institute of Urban Studies of The University of Texas at Arlington for a seminar on Management-Challenges and Adaptation to Change. The total amount of the contract shall not exceed \$3,874. The contract is to begin February 11, 1974, and end no later than May 31, 1974.
3. Interagency Cooperation Contract IAC(74-75)-0763 between The University of Texas of the Permian Basin and The University of Texas at Arlington for rental of 16mm educational motion picture films and other instructional materials at a cost not to exceed \$2,500. This contract is to begin February 13, 1974, and shall terminate August 31, 1975.
4. Agreement between the Graduate School of Social Work of The University of Texas at Arlington and the North Central Texas Council of Governments for field placement of five social work graduate students. This contract will remain in effect indefinitely, subject to annual review and revision.
5. Agreement between the Graduate School of Social Work of The University of Texas at Arlington and the Black Community Development Council for field placement of one social work graduate student. This agreement shall remain in effect indefinitely, subject to annual review and revision.
6. Agreement between the Graduate School of Social Work of The University of Texas at Arlington and the Child Study Center for field placement of one social work graduate student. This agreement shall remain in effect indefinitely, subject to annual review and revision.
7. Agreement between the Graduate School of Social Work of The University of Texas at Arlington and the Veterans Administration Hospital for field placement of three social work graduate students. This agreement shall remain in effect indefinitely, subject to review and revision at the request of either party by June First of each year.
8. Institutional Agreement between Interuniversity Council of the North Texas Area and The University of Texas at Arlington whereby The University of Texas at Arlington agrees to become an institutional participant in the IUC Computer-based Library Program in cooperation with The Ohio College Library Center (OCLC). It is estimated that the total fees shall not exceed \$4,963.21. This Agreement is dated November 16, 1973, and shall be in effect for three years, subject to a satisfactory annual negotiation of fees, except that it may be terminated by the mutual consent of the parties at any time.

THE UNIVERSITY OF TEXAS AT ARLINGTON

FEDERAL CONTRACTS AND GRANTS

BOARD MEETING ON MAY 3, 1974

K T F

1. Transaction Number 1010⁹8824 whereby the Department of Health, Education, and Welfare allocates \$322,991 for the College Work-Study Program for the period July 1, 1973, through June 30, 1974. The full amount of this award will be expended in Tarrant County, Texas.
2. Transaction Number 73184735 whereby the Department of Health, Education, and Welfare allocates \$130,726 for the Supplemental Educational Opportunity Grants Program for the period July 1, 1973, through June 30, 1974. The full amount of this award will be expended in Tarrant County, Texas.

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1973-74 BUDGET

Board Meeting - May 3, 1974

GENERAL ADMINISTRATIONOffice of the President

1. Promote Wendell H. Nedderman (Tenure-Civil Engineering Department) from Acting President to President and increase annual rate from \$42,400 to \$44,000 with house and utilities, effective February 1, 1974. Additional funds are available from Development Board-Unrestricted. Approved by the Board of Regents on February 1, 1974. (RBC #358)

Office of Vice-President for Academic Affairs

2. Promote W. A. Baker (Tenure-Chemistry Department) from Acting Vice-President for Academic Affairs to Vice-President for Academic Affairs and increase annual rate from \$34,100 to \$36,000 effective March 1, 1974. Additional funds are available from Unallocated General Administration-Unallocated Salaries. (RBC #359)

Placement Office

3. Transfer of Funds:

From:	Unallocated Salaries	\$522.50
To:	Capital Outlay	\$522.50
For:	To provide funds for the purchase of a typewriter.	

(RBC #326)

GENERAL INSTITUTIONAL EXPENSETeaching Effectiveness Program

4. Transfer of Funds:

From:	Travel	\$400.
	Wages	\$130.
To:	Capital Outlay	\$530.
For:	To provide funds for the purchase of a typewriter to be used within the department.	

(RBC #338)

LIBERAL ARTSDepartment of Architecture

5. Transfer of Funds:

From:	Unallocated Departmental Operations-Unallocated Salaries	\$234.
	Travel	\$566.
To:	Wages	\$800.
For:	To provide funds for employment of students in the department under the Work-Study Program.	

(RBC #337)

6. Transfer of Funds:

From:	Unallocated Departmental Operations-Travel	\$210.
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THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1973-74 BUDGET

Board Meeting - May 3, 1974

To: Travel \$210.
 For: To provide additional travel funds to enable staff member to attend meeting for professional purposes. This meeting was not anticipated prior to this time.

(RBC #357)

Department of History

7. Transfer of Funds:

From: Wages \$200.
 To: Maintenance and Operation \$200.
 For: To provide funds for the purchase of necessary supplies for the department.

(RBC #345)

8. Re-appoint Donald H. Weiss (non-tenure) as Adjunct Associate Professor at 25% with stipend of \$1200, 4 1/2 months; with academic rate of \$9600 effective January 16, 1974. (Was in Department of Philosophy 9/1 - 1/15 at 50% with stipend of \$2400, academic rate of \$9600.) Funds are available from Unallocated Faculty Salaries-Liberal Arts. (RBC #355)

Department of Physical Education-Men

9. Re-appoint William D. Valentine (non-tenure) as Lecturer at 25% with stipend of \$660, 4 1/2 months; with academic rate of \$5280 effective January 16, 1974. Funds are available from Unallocated Faculty Salaries-Liberal Arts. (RBC #317)

10. Appoint Judson M. Ramsey (non-tenure) as Instructor at 12% with stipend of \$322.32 effective February 18, 1974; with academic rate of \$7125. Funds are available from Unallocated Faculty Salaries-Liberal Arts. (RBC #352)

11. Accept the resignation of Charles A. Lyles (non-tenure), Instructor with academic rate of \$9200 effective February 16, 1974. (Budgeted at 12% with stipend of \$1104, 9 months.) (RBC #344)

Department of Psychology

12. Transfer of Funds:

From: Maintenance and Operation \$450.
 To: Wages \$450.
 For: To provide additional funds needed to support departmental research.

(RBC #356)

Department of Sociology

13. Re-appoint Dorothy P. Jackson (non-tenure) as Instructor at 83.33% with stipend of \$3,000, 4 1/2 months; with academic rate of \$7200 effective January 16, 1974. Funds are available from Unallocated Faculty Salaries-Institutional. (RBC #255)

14. Change the status of Bruce W. Anderson (non-tenure), Associate Professor with academic rate of \$16,000 from 100% with stipend of \$8000, 4 1/2 months; to 72% with stipend of \$5770, 4 1/2 months; effective January 16, 1974. (RBC #302)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1973-74 BUDGET

Board Meeting - May 3, 1974

15. Change the status of William A. Stacey (Tenure), Associate Professor with academic rate of \$14,100 from 68% with stipend of \$4820, 4 1/2 months; to 100% with stipend of \$7050, 4 1/2 months; effective January 16, 1974. Additional funds are available from Unallocated Faculty Salaries-Liberal Arts. (RBC #305)

SCIENCEOffice of Dean of Science

16. Remove Stillman A. Sims (Tenure-Mathematics Department) as Assistant Dean effective January 15, 1974. Return to full-time teaching. (RBC #319)

Department of Chemistry

17. Transfer of Funds:

From:	Unallocated Departmental Operations-Computer Services	\$2,000.
To:	Computer Services	\$2,000.
For:	To provide funds to the department for allocation to individual faculty members for computer services through the North Texas Regional Computer Center.	

(RBC #353)

Department of Mathematics

18. Change the status of Stillman A. Sims (Tenure), Associate Professor with academic rate of \$16,300 from 50% with stipend of \$4075, 4 1/2 months; to 100% with stipend of \$8150, 4 1/2 months; effective January 16, 1974. Additional funds are available from Unallocated Faculty Salaries-Institutional. (RBC #318)

Department of Physics

19. Transfer of Funds:

From:	Unallocated Departmental Operations-Computer Services	\$3,000.
To:	Computer Services	\$3,000.
For:	To provide additional allocation for expense of computer service incurred through the North Texas Regional Computer Center.	

(RBC #327)

BUSINESS ADMINISTRATIONOffice of Dean of Business Administration

20. Remove Burley Walker, Jr., (Tenure-Business Administration Department) as Assistant Dean of Business Administration effective January 15, 1974. Returned to full-time teaching. (RBC #301)

21. Promote William P. Green (Tenure-Department of Business Administration) to Assistant Dean at 50% with stipend of \$4450, 4 1/2 months; January 16 through May 31, 1974; and at 50% with stipend of \$2966, 3 months; June 1 through August 31, 1974; with annual rate of \$23,733. Funds are available from Unallocated Salaries within the department and Unallocated General Administration-Unallocated Salaries. (RBC #325)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1973-74 BUDGET

Board Meeting - May 3, 1974

Department of Business Administration

22. Change the status of Burley Walker, Jr., (Tenure), Associate Professor, from 50% with stipend of \$3956, 4 1/2 months; to 100% with stipend of \$7912, 4 1/2 months; with academic rate of \$15,825 effective January 16, 1974. Additional funds are available from Unallocated Faculty Salaries-Business Administration. (RBC #300)
23. Appoint Larry Turner (non-tenure) as Lecturer at 25% with stipend of \$700, 4 1/2 months; with academic rate of \$5600 effective January 16, 1974. Funds are available from Unallocated Faculty Salaries-Business Administration. (RBC #306)
24. Appoint Richard F. Kaufman (non-tenure) as Lecturer at 25% with stipend of \$700, 4 1/2 months; with academic rate of \$5600 effective January 16, 1974. Funds are available from Unallocated Faculty Salaries-Business Administration. (RBC #307)
25. Change the status of William P. Green (Tenure), Associate Professor from 100% with academic rate of \$16,900 to 50% with academic rate of \$17,800 effective January 16, 1974. (RBC #324)
26. Re-appoint Frank C. Warth (non-tenure) as Lecturer at 25% with stipend of \$700, 4 1/2 months; with academic rate of \$5600 effective January 16, 1974. Funds are available from Unallocated Faculty Salaries-Business Administration. (RBC #328)
27. Remove Lawrence L. Schkade (Tenure), Professor with academic rate of \$22,500 from this account effective January 15, 1974. (RBC #329)

Department of Economics

28. Re-appoint Cecil W. Sparks (non-tenure) as Lecturer at 50% with stipend of \$1400, 4 1/2 months; with academic rate of \$5600 effective January 16, 1974. Funds are available from Unallocated Faculty Salaries-Business Administration. (RBC #320)

ENGINEERINGOffice of Dean of Engineering

29. Transfer of Funds:
- | | | |
|-------|--|----------|
| From: | Unallocated Salaries | \$628.01 |
| To: | Maintenance and Operation | \$628.01 |
| For: | To provide funds needed to cover maintenance and operation for the remainder of the fiscal year. | |
- (RBC #331)

Department of Civil Engineering

30. Grant Leave of Absence without pay to Richard L. Tucker (Tenure), Professor with academic rate of \$19,575 effective January 16, 1974. (RBC #308)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1973-74 BUDGET

Board Meeting - May 3, 1974

Department of Mechanical Engineering

31. Cancel appointment of Ronald C. Foster (non-tenure), Adjunct Assistant Professor at 25% with stipend of \$800, 4 1/2 months; with academic rate of \$6400 as of January 16, 1974. Will not teach during the spring semester. (RBC #309)
32. Appoint Ramon E. Goforth (non-tenure), as Adjunct Assistant Professor at 12 1/2% with stipend of \$450, 4 1/2 months; with academic rate of \$7200 effective January 16, 1974. Funds are available from Unallocated Faculty Salaries-Engineering. (RBC #310)
33. Appoint Paul M. Machmeier (non-tenure) as Lecturer at 25% with stipend of \$700, 4 1/2 months; with academic rate of \$5600 effective January 16, 1974. Funds are available from Unallocated Faculty Salaries-Engineering. (RBC #311)
34. Appoint Harry M. Siegel (non-tenure) as Graduate Teaching Assistant at 50% with stipend of \$1350, 4 1/2 months; with academic rate of \$5400 effective January 16, 1974. Funds are available from Unallocated Faculty Salaries-Engineering. (RBC #321)
35. Appoint Janice M. Hightower (non-tenure) as Graduate Teaching Assistant at 50% with stipend of \$1350, 4 1/2 months; with academic rate of \$5400 effective January 16, 1974. Funds are available from Unallocated Faculty Salaries-Engineering. (RBC #332)

Department of Industrial Engineering

36. Appoint Shiaw Y. Su (non-tenure) as Lecturer at 25% with stipend of \$850, 4 1/2 months; with academic rate of \$6800 effective January 16, 1974. Funds are available from Unallocated Faculty Salaries-Engineering. (RBC #312)
37. Appoint J. W. McDaniel (non-tenure) as Lecturer at 25% with stipend of \$1000, 4 1/2 months; with academic rate of \$8000 effective January 16, 1974. Funds are available from Unallocated Faculty Salaries-Engineering. (RBC #313)
38. Appoint John B. Jones (non-tenure) as Lecturer at 25% with stipend of \$1000, 4 1/2 months; with academic rate of \$8000 effective January 16, 1974. Funds are available from Unallocated Faculty Salaries-Engineering. (RBC #314)

Department of Computer Science

39. Appoint John B. Jones (non-tenure) as Lecturer at 75% with stipend of \$3000 4 1/2 months; with academic rate of \$8000 effective January 16, 1974. Funds are available from Unallocated Faculty Salaries-Engineering. (RBC #315)
40. Re-appoint J. W. McMurtry (non-tenure) as Lecturer at 50% with stipend of \$1500, 4 1/2 months; with academic rate of \$6000 effective January 16, 1974. Funds are available from Unallocated Faculty Salaries-Engineering. (RBC #316)
41. Transfer of Funds:
- | | | |
|-------|---|---------|
| From: | Unallocated Departmental
Operations-Travel | \$1699. |
| To: | Aerospace Engineering-Travel | \$ 734. |
| | Civil Engineering-Travel | \$ 742. |

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1973-74 BUDGET

Board Meeting - May 3, 1974

For: Mechanical Engineering - Travel \$ 223.
 To provide additional travel funds to the departments within
 the College of Engineering from the special discretionary
 travel funds under the control of the Dean of Engineering.
 (RBC #336)

INSTITUTE OF URBAN STUDIESCriminal Justice Program

42. Appoint Larry Burton (non-tenure) as Adjunct Assistant Professor at 25% with stipend of \$800, 4 months; with academic rate of \$7200 effective February 1, 1974. Funds are available from Unallocated Faculty Salaries-Urban Studies. (RBC #322)

Urban Studies

43. Appoint Lawrence L. Schkade (Tenure), Professor at 33% with stipend of \$3750, 4 1/2 months; with academic rate of \$22,500 effective January 16, 1974. Funds are available from Unallocated Faculty Salaries-Urban Studies. (RBC #330)

SCHOOL OF SOCIAL WORKSocial Work

44. Remove William A. Stacey (Tenure), Associate Professor with academic rate of \$14,100 from this account as of January 15, 1974. (RBC #304)

45. Appoint Bruce W. Anderson (non-tenure), Associate Professor with academic rate of \$16,000 at 28% with stipend of \$2230, 4 1/2 months effective January 16, 1974. Funds are available from Unallocated Faculty Salaries-Social Work. (RBC #303)

SUMMER SCHOOL SALARIES

46. Transfer of Funds:

From:	Unallocated Faculty Salaries-Business Administration	\$ 74,207.
	Unallocated Faculty Salaries-Engineering	43,962.
	Unallocated Faculty Salaries-Urban Studies	1,282.
	Unallocated Faculty Salaries-Social Work	10,540.
To:	Summer School-Faculty Salaries	129,991.
For:	Transfer of Unallocated Faculty Salaries to balance Summer School Budget.	

(RBC #360)

COMPUTER DEVELOPMENT AND TRAINING

47. Transfer of Funds:

From:	Unallocated Departmental Operations-Computer Services	\$8,000.
To:	Computer Services	\$8,000.
For:	To provide funds for Computer Services to cover expenses incurred through North Texas Regional Computer Center.	

(RBC #346)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1973-74 BUDGET

Board Meeting - May 3, 1974

SPECIAL ITEMSInstitute of Urban Studies

48. Transfer of Funds:

From:	Unallocated Salaries	\$10,000.
To:	Maintenance and Operation	\$ 8,000.
	Travel	\$ 2,000.

For: To provide funds to cover telephone expense encumbrance for the year and to cover projected travel for staff members.
(RBC #333)

Graduate Development Program -Architecture

49. Appoint Walter D. Harris, Jr. (non-tenure) as Visiting Professor effective January 16, 1974 with academic rate of \$8,000. Funds are available from Unallocated Salaries within the department. (RBC #323)

AUXILIARY ENTERPRISESIntercollegiate Athletics

50. Accept the resignation of John R. Symank, Head Football Coach with annual rate of \$20,300 effective January 21, 1974. (RBC #334)
51. Accept the resignation of Clarence L. McHan, Assistant Football Coach with annual rate of \$14,400 effective January 31, 1974. (RBC #335)
52. Accept the resignation of Judson M. Ramsey, Assistant Football Coach with annual rate of \$12,900 effective January 31, 1974. (RBC #339)
53. Appoint David C. Bourquin as Assistant Football Coach with annual rate of \$12,600 effective February 1, 1974. Funds are available from Unallocated Salaries within the department. (RBC #340)
54. Accept the resignation of C. O. Brocato, Assistant Football Coach with annual rate of \$14,400 effective January 31, 1974. (RBC #341)
55. Re-appoint Charles A. Lyles as Assistant Football Coach at 88% with stipend of \$6510, 7 months; effective February 1, 1974. Funds are available within the departmental budget. (RBC #342)
56. Accept the resignation of Charles A. Lyles, Assistant Football Coach with annual rate of \$12,300 effective February 16, 1974. (RBC #343)
57. Appoint Harold Elliott as Head Football Coach with annual rate of \$18,000 effective February 5, 1974. Funds are available within the Unallocated Salaries in the department. (RBC #347)
58. Appoint James R. Lindholm as Assistant Football Coach with annual rate of \$10,000 effective February 7, 1974. Funds are available from Unallocated Salaries within the departmental account. (RBC #348)
59. Appoint Robert Noblitt as Assistant Football Coach with annual rate of \$14,350 effective February 11, 1974. Funds are available from Unallocated Salaries within the departmental account. (RBC #349)

THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDED AMENDMENTS TO THE 1973-74 BUDGET

Board Meeting - May 3, 1974

60. Appoint Cal Reimer as Assistant Football Coach with annual rate of \$14,350 effective February 11, 1974. Funds are available from Unallocated Salaries within the departmental account. (RBC #350)

61. Re-appoint Charles A. Key as Assistant Football Coach with annual rate of \$11,400 effective February 1, 1974, and change status in current budget from 9 months with rate of \$11,400 to 12 months with no change in rate. Additional funds are available from Unallocated Salaries within the departmental account. (RBC #351)

1974 SUMMER SESSION BUDGET

I recommend approval of the 1974 Summer Budget. The budget reflects an expenditure of \$1,199,991. This amount is available from funds within the Summer School Faculty Salaries account in the 1973-74 Operating Budget.

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THE UNIVERSITY OF TEXAS AT ARLINGTON

RECOMMENDATIONS FOR SALARY BUDGET
FOR
SUMMER SESSION 1974

ARLINGTON, TEXAS

March 11, 1974

THE UNIVERSITY OF TEXAS AT ARLINGTON

Arlington, Texas

1974 SUMMER SESSION BUDGETFirst Term: June 1 - July 15
July 16 - August 31RESIDENT INSTRUCTIONCOLLEGE OF LIBERAL ARTS

Architecture	\$ 22,082
English	86,070
Art	17,580
Music	9,831
Foreign Languages	63,677
Government	56,440
History	72,630
Philosophy	5,815
Physical Education - Men	14,311
Physical Education - Women	1,000
Psychology	34,995
Education	21,407
Sociology	27,796
Communication	16,022

Total College of Liberal Arts	<u>449,656</u>
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COLLEGE OF SCIENCE

Biology	45,436
Chemistry	42,946
Geology	18,221
Mathematics	84,349
Physics	33,410

Total College of Science	<u>224,362</u>
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COLLEGE OF BUSINESS

Accounting	63,283
Business Administration	125,386
Economics	64,228

Total College of Business	<u>252,897</u>
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COLLEGE OF ENGINEERING

Aerospace Engineering	22,469
Civil Engineering	32,973
Engineering Graphics	5,600
Mechanical Engineering	38,290
Electrical Engineering	47,803
Industrial Engineering	25,891
Computer Science	16,009

Total College of Engineering	<u>189,035</u>
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1974 SUMMER SESSION BUDGET
(Continued)

<u>CRIMINAL JUSTICE PROGRAM</u>	<u>\$ 21,616</u>
<u>INSTITUTE OF URBAN STUDIES</u>	<u>3,066</u>
<u>GRADUATE SCHOOL OF SOCIAL WORK</u>	<u>16,978</u>
<u>RESERVE</u>	
Reserve for Additional Positions	<u>42,381</u>
TOTAL 1974 SUMMER SESSION BUDGET	<u><u>\$1,199,991</u></u>

SUMMARY OF 1974 SUMMER SESSION BUDGET
(ELEMENTS OF INSTITUTIONAL COST)

<u>RESIDENT INSTRUCTION</u>	
Teaching Salaries Only	<u>\$1,199,991</u>
 <u>SOURCE OF FUNDS</u> 	
Summer Session Appropriation in 1973-74 Budget	\$1,070,000
Transfer from Unallocated Salaries to Summer Session Salaries:	
Business Administration	\$ 74,207
Engineering	43,962
Urban Studies	1,282
Social Work	10,540
	<u>\$ 129,991</u>
 TOTAL FUNDS AVAILABLE FOR SUMMER SESSION SALARIES	 <u>\$1,199,991</u>

COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-115 ARCHITECTURE								
PROFESSOR & CHAIRMAN								
001	HAROLD BOX	T	21,000	100	3,500	100	3,500	7,000
PROFESSOR								
002	GEORGE S WRIGHT		16,000	075	2,000	075	2,000	4,000
ASSOCIATE PROFESSOR								
005	JOE DANIEL SPEARS	T	13,500	075	1,687	075	1,688	3,375
ASSISTANT PROFESSOR								
014	JAY C HENRY		10,500	050	875	050	875	1,750
015	PETER J WOOD		10,500	075	1,312	075	1,313	2,625
INSTRUCTOR								
020	WILLIAM S AUSTIN		9,000	075	1,125	075	1,125	2,250
021*	ROBERT T HAMILTON		8,600	025	358	025	358	716
LECTURER								
101	.....		4,392	025	183	025	183	366
SUB-TOTAL					11,040		11,042	22,082

COLLEGE OF LIBERAL ARTS

ITEM NO.	PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
12-120 ENGLISH						
PROFESSOR & CHAIRMAN						
001	EMORY D ESTES	T	21,000	100 3,500	100 3,500	7,000
PROFESSOR						
003	STANTON GARNER	T	20,700	075 2,587	075 2,588	5,175
004	LYLE H KENDALL JR	T	20,000	100 3,333		3,333
005	CLAYTON L EICHELBERGER	T	18,800	100 3,133	050 1,567	4,700
006	CLARENCE S TURNER	T	18,800	050 1,566	050 1,567	3,133
007	DUNCAN W ROBINSON	T	18,100	100 3,016		3,016
009	GEORGE E FORTENBERRY	T	15,400	100 2,566	100 2,566	5,132
010	ANNE WHALING	T	14,000		100 2,333	2,333
011	ROBERT E MCDOWELL	T	14,000	100 2,333		2,333
012	CORINNE E KAUFFMAN	T	14,000		100 2,333	2,333
013	ROBERT L LITTLEFIELD	T	13,900		100 2,316	2,316
ASSOCIATE PROFESSOR						
014	JOHN S BURNS	T	14,200	100 2,366		2,366
015	GERTRUDE L GOLLADAY	T	14,000		100 2,333	2,333
016	DON R SWADLEY	T	14,000	100 2,333		2,333
017	PAUL S BLAKNEY	T	13,900	100 2,316	050 1,158	3,474
018	FIGRELLA S TURBEVILLE	T	13,900	100 2,316		2,316
019	MAURICE I CARLSON	T	12,700		100 2,116	2,116
020	RICHARD B ZACHA	T	12,300	050 1,025	050 1,025	2,050
021	JAMES M MOFFETT	T	12,100		100 2,016	2,016
022	BILLI M ROGERS	T	12,000	100 2,000		2,000
023	ERNESTINE M SEWELL	T	11,900		100 1,983	1,983

COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-120 ENGLISH								
ASSOCIATE PROFESSOR								
024	DALLAS L LACY	T	11,900	050	991	050	992	1,983
026	JOHN S LEWIS	T	11,500	100	1,916			1,916
027	WILLIAM M RICHARDSON	T	11,500	050	958	050	958	1,916
028	HARRY S HANKS	T	11,200	100	1,866			1,866
029	MARGUERITE S HOLTON	T	11,100	100	1,850			1,850
ASSISTANT PROFESSOR								
031	KENNETH M ROEMER		11,500	100	1,916			1,916
032	NOEL POLK		11,300			100	1,883	1,883
033	THOMAS ANTHONY RYAN		11,000	100	1,833			1,833
036	AILSEY FORESTER	T	10,800	100	1,800			1,800
037	MARGARET J MCGOWAN	T	10,700	100	1,783			1,783
038	JEANETTA BOSWELL	T	10,700			100	1,783	1,783
040	JEANNE D FORD	T	10,500	050	875	050	875	1,750
	SUB-TOTAL				50,178		35,892	86,070

COLLEGE OF LIBERAL ARTS

ITEM NO.	PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
12-131 ART						
PROFESSOR & CHAIRMAN						
001	WILLIAM E TURNER	T	13,300	100 2,216	100 2,216	4,432
ASSOCIATE PROFESSOR						
003	ORTON HAMBY	T	13,200	100 2,200		2,200
ASSISTANT PROFESSOR						
010	DAVID E BURTON		9,000	100 1,500	100 1,500	3,000
INSTRUCTOR						
011	SANDRA R RUBIN		9,300	100 1,550		1,550
012	HARLEY J SCOTT JR		8,800	100 1,466	100 1,466	2,932
015	DONALD L SANDERS		8,800		100 1,466	1,466
LECTURER						
019	WILLIAM B WADLEY		8,000	050 667	100 1,333	2,000
	SUB-TOTAL			9,599	7,981	17,580

COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-132 MUSIC								
PROFESSOR & CHAIRMAN								
001	JACK H MAHAN	T	16,000	050	1,333	050	1,333	2,666
PROFESSOR								
002	LLOYD C TALIAFERRO	T	15,100			050	1,258	1,258
ASSOCIATE PROFESSOR								
003	DANIEL C BURKHOLDER	T	12,100	050	1,008			1,008
004	WILLIAM F POSTELTHWAITE	T	11,400	050	950	050	950	1,900
ASSISTANT PROFESSOR								
005	GARY L EBENSBERGER	T	13,000	025	542	075	1,624	2,166
007	RAY C LICHENWALTER	T	10,000			050	833	833
	SUB-TOTAL				3,833		5,998	9,831

COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-140 FOREIGN LANGUAGE & LINGUISTICS							
ASSOCIATE PROFESSOR & CHAIRMAN							
001	VIRGIL L POULTER	T 16,000	100	2,666	100	2,666	5,332
PROFESSOR							
004	DENES MONOSTORY	T 16,300	100	2,716			2,716
005	DUANE A ADAMS	T 16,100			100	2,683	2,683
006	JOHN A STUART	T 15,000	050	1,250	050	1,250	2,500
ASSOCIATE PROFESSOR							
008	ALAN Q STEINECKE	T 16,000	100	2,666	100	2,666	5,332
009	ALVIN D JETT JR	T 15,200			100	2,533	2,533
010	CHARLES MCDOWELL	T 15,000	100	2,500			2,500
011	ANNIE L GIBSON	T 13,200			050	1,100	1,100
012	BERTIE W ACKER	T 13,000	100	2,166	100	2,166	4,332
ASSISTANT PROFESSOR							
016	FREDERICK VINA	T 11,700	100	1,950	100	1,950	3,900
017	CARLOS NOGUEIRA-MARTINS	11,200	100	1,866	100	1,866	3,732
018	JAMES D WILMETH	T 11,100			100	1,850	1,850
019	DOLORES H WILLIAMS	T 11,000	100	1,833			1,833
022	DUANE V KEILSTRUP	T 11,200	100	1,866	100	1,866	3,732
023	NORMAN A WHITLOCK	T 10,300	100	1,716			1,716
024	JACK PALANGIAN	9,700	100	1,616			1,616
025	EDWARD A COWAN	T 9,100	100	1,516	100	1,516	3,032
026	PIMMA B PALANGIAN	9,700	100	1,616			1,616
INSTRUCTOR							
029A	SANDRA WISE	9,400	100	1,566	100	1,566	3,132
LECTURER							

COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	
12-140 FOREIGN LANGUAGE & LINGUISTICS							
LECTURER							
101	5,280	100	880			880
102	5,280	100	880	100	880	1,760
GRADUATE TEACHING ASSISTANT							
103	5,400	050	450			450
104	5,400	050	450			450
105	5,400	050	450			450
106	5,400	050	450			450
107	5,400	050	450	050	450	900
108	5,400	050	450	050	450	900
109	5,400	050	450	050	450	900
110	5,400	050	450	050	450	900
111	5,400	050	450			450
SUB-TOTAL				35,319		28,358	63,677

COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-145 GOVERNMENT								
PROFESSOR & CHAIRMAN								
001	SAMUEL B HAMLETT	T	17,200	100	2,866	100	2,866	5,732
PROFESSOR								
002	LUTHER G HAGARD JR	T	17,500	100	2,916	100	2,916	5,832
003	EDWARD B RICHARDS	T	15,800	100	2,633	100	2,633	5,266
005	HUBERT L C MATTHIAS	T	15,000	100	2,500			2,500
ASSOCIATE PROFESSOR								
006	LUTHER W ODOM	T	15,400	100	2,566	100	2,566	5,132
007	JHANG S MOON	T	14,800	100	2,466	100	2,466	4,932
008	JVAN TABORSKY	T	14,000	100	2,333	100	2,333	4,666
009	ALLAN SAXE	T	13,000	100	2,166	100	2,166	4,332
010	CHARLES W VAN CLEVE	T	12,000	100	2,000	100	2,000	4,000
ASSISTANT PROFESSOR								
011	STEPHEN L DAIGLE		10,800	100	1,800			1,800
012	HUNTER SCHMILT JR		9,800	100	1,633	100	1,633	3,266
013	SUZANNE M KATSIKAS		9,700	100	1,616	100	1,616	3,232
INSTRUCTOR								
014	JAMES D CLARK		9,300	100	1,550	100	1,550	3,100
LECTURER								
015	GARY P DWORKIN		5,400	100	900	100	900	1,800
024	DENIS W THOMPSON (see note)		5,100	100	850			850
SUB-TOTAL					30,795		25,645	56,440

Note: Denis W. Thompson has rank of Assistant Professor with Academic Rate of \$12,000.

COLLEGE OF LIBERAL ARTS

ITEM NO.	PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
12-150 HISTORY						
ASSOCIATE PROFESSOR & CHAIRMAN						
001	RICHARD G MILLER	T	16,600	100 2,766	100 2,766	5,532
PROFESSOR						
002	CASPER G WOLFSKILL	T	20,500		100 3,416	3,416
003	ROBERT W AMSLER	T	16,200	050 1,350	050 1,350	2,700
004	HOWARD LACKMAN	T	15,200	100 2,533	100 2,533	5,066
005	VAN MITCHELL SMITH	T	15,700	100 2,616		2,616
006	HOMER L KERR	T	14,600	100 2,433	100 2,433	4,866
007	CHARLES D RICHARDS	T	14,300	100 2,383	100 2,383	4,766
008	MARTIN H HALL	T	14,300		100 2,383	2,383
ASSOCIATE PROFESSOR						
010	ROBERT WILLIAMSON	T	14,000	100 2,333	100 2,333	4,666
011	J W KNOX	T	13,300		100 2,216	2,216
012	ARTHUR W TUCKER JR	T	13,000	100 2,166		2,166
014	EDWARD W CHESTER	T	12,600	100 2,100		2,100
015	LEON B BLAIR	T	12,000	100 2,000	100 2,000	4,000
017	EDWARD C BOCK	T	12,300		100 2,050	2,050
018	JEROME L RODNITZKY	T	13,000	100 2,166		2,166
ASSISTANT PROFESSOR						
021	REBY CARY		14,103	050 1,175		1,175
022	DENNIS REINHARTZ		13,000	050 1,083	050 1,083	2,166
023	GUSTAVE A ANGUIZOLA	T	12,000	100 2,000	100 2,000	4,000
024	DAVID DE ROE		11,700		100 1,950	1,950
027	BRUCE I AMBACHER		11,200	100 1,866		1,866

COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-150 HISTORY							
ASSISTANT PROFESSOR							
028	ELLIOTT WEST	11,200	100	1,866	100	1,866	3,732
029	AUDRA L PREWITT	10,600	T 100	1,766	100	1,766	3,532
032A	LARRY D SALL	10,500	100	1,750	100	1,750	3,500
	SUB-TOTAL			36,352		36,278	72,630

COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	
12-155 PHILOSOPHY							
ASSOCIATE PROFESSOR							
001	HOUGHTON B DALRYMPLE	T 12,500	100	2,083			2,083
ASSISTANT PROFESSOR							
002	THOMAS W KING	11,200	100	1,866	100	1,866	3,732
	SUB-TOTAL			3,949		1,866	5,815

COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	
12-170 PHYSICAL EDUCATION								
PROFESSOR								
002	THOMAS J TINKER	T	14,000	075	1,750	075	1,750	3,500
ASSOCIATE PROFESSOR								
004	WILLIAM E REEVES	T	11,000	100	1,833	050	917	2,750
005	BURLEY L BEARDEN	T	11,920	050	993	100	1,986	2,979
ASSISTANT PROFESSOR								
007	CARLA D LOWRY		11,000	050	917			917
008	THOMAS D BOONE		10,000	050	833	050	833	1,666
010	TOMMY S BEASLEY	T	10,000	100	1,666	050	833	2,499
	SUB-TOTAL				7,992		6,319	14,311

COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM	SECOND TERM	TOTAL SALARY
			6-1/7-15 PERCENT OF TIME SALARY	7-16/8-31 PERCENT OF TIME SALARY	
12-175 NO DEPARTMENT TITLE FOUND					
ASSOCIATE PROFESSOR					
001	MARY L. DESPOSITO	T 12.000		050 1,000	1,000
	SUB-TOTAL			1,000	1,000

COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-181 PSYCHOLOGY							
ASSOCIATE PROFESSOR & CHAIRMAN							
001	JAMES W BAERWALDT	T 14,000	075	1,750	075	1,750	3,500
PROFESSOR							
002	GARVIN M MCCAIN	T 19,100	075	2,387	075	2,387	4,774
004	VERNE C COX	T 17,100	100	2,850	050	1,425	4,275
005	IRA H BERNSTEIN	T 16,700	075	2,087	075	2,087	4,174
006	JAMES N BOWEN	T 15,600	075	1,950	075	1,950	3,900
ASSOCIATE PROFESSOR							
009	JAMES KOPP	T 14,300	050	1,192	050	1,191	2,383
010	DUANE R MARTIN	T 13,100	050	1,092	050	1,091	2,183
011	JAMES D PHILLIPS JR	T 13,000			050	1,083	1,083
ASSISTANT PROFESSOR							
012	ROBERT J GATCHEL	12,100	050	1,008	050	1,008	2,016
013	PAUL B PAULUS	12,200	050	1,017	050	1,016	2,033
014	BRUCE A AMBLER	11,700	050	975	050	975	1,950
015	JAMES T MILLER	11,700	050	975	050	975	1,950
GRADUATE TEACHING ASSISTANT							
101	.....	5,400	043	387	043	387	774
SUB-TOTAL				17,670		17,325	34,995

COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-182 EDUCATION							
ASSISTANT PROFESSOR & CHAIRMAN							
001	JOYCE B BUCKNER	13,000	100	2,166	100	2,166	4,332
PROFESSOR							
003	NORMAN C MOHN	T 13,700	050	1,146	100	2,283	3,429
ASSISTANT PROFESSOR							
006	EVA L WILLIAMS	11,500	100	1,916	050	958	2,874
007	KATHRYN L HOPKINS	T 11,200	050	933	100	1,866	2,799
008	R JON LEFFINGWELL	10,400	100	1,733	050	867	2,600
016	DON M BEACH	11,500	100	1,916	050	958	2,874
INSTRUCTOR							
009	H WAYNE BERG	10,000	100	1,666	050	833	2,499
SUB-TOTAL				11,476		9,931	21,407

COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-190 SOCIOLOGY							
PROFESSOR & CHAIRMAN							
001	LEE TAYLOR	T 21,000	100	3,500	100	3,500	7,000
PROFESSOR							
002	ROBERT STEBBINS	17,000	050	1,416			1,416
003	BLAINE T WILLIAMS	T 15,500	100	2,583			2,583
ASSOCIATE PROFESSOR							
004	JESS R LORD	T 16,100	100	2,683			2,683
005	BRUCE ANDERSON	16,000	100	2,666			2,666
006	JOYCE WILLIAMS	T 14,400	100	2,400			2,400
007A	WILLIAM A STACEY	T 14,100			100	2,350	2,350
ASSISTANT PROFESSOR							
009	THOMAS R HAYS	13,000	100	2,166			2,166
010	EDMUND RUDOWSKI	T 9,000			100	1,500	1,500
GRADUATE TEACHING ASSISTANT							
101	.....	5,400	050	450			450
102	.....	5,400	050	450			450
103	.....	5,400	050	450			450
104	.....	5,400	037	332			332
105	.....	5,400			050	450	450
106	.....	5,400			050	450	450
107	.....	5,400			050	450	450
SUB-TOTAL				19,096		8,700	27,796

COLLEGE OF LIBERAL ARTS

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-195 COMMUNICATION								
ASSOCIATE PROFESSOR & CHAIRMAN								
001	CHAPIN ROSS	T	15,600	100	2,600	050	1,300	3,900
PROFESSOR								
002	MARGARET A CAMERON	T	14,000	100	2,333			2,333
ASSOCIATE PROFESSOR								
003	NITA F COX	T	12,400	100	2,066			2,066
004	CHARLES S PROCTOR	T	12,000	100	2,000			2,000
ASSISTANT PROFESSOR								
005	WILLIAM J STONE JR		12,500	050	1,041			1,041
007	CARRULL HICKEY		11,900			100	1,983	1,983
010	B L WARE JR		11,000	050	916	050	917	1,833
INSTRUCTOR								
013	ROY D HAMRIC		10,400	050	866			866
SUB-TOTAL					11,822		4,200	16,022

.LEGE OF SCIENCE

TEM O.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
2-220 BIOLOGY						
PROFESSOR & CHAIRMAN						
01	W C MCDONALD	T	21,000	100 3,500	100 3,500	7,000
PROFESSOR						
004	THOMAS E KENNERLY JR	T	16,900	100 2,816	050 1,408	4,224
005	CLARENCE C HALL JR	T	16,700	100 2,783	050 1,392	4,175
006	WILLIAM B MCCRADY	T	15,800	100 2,633	050 1,316	3,949
007	THOMAS R HELLIER JR	T	15,600		100 2,600	2,600
ASSOCIATE PROFESSOR						
009	LOUIS H BRAGG	T	14,400	050 1,200	100 2,400	3,600
010	ROBBY ROY ELLER	T	14,000	100 2,333		2,333
011	ROBERT B BOLEY	T	13,700	100 2,283		2,283
012	FRANK G GLADDEN	T	13,300	050 1,108	100 2,216	3,324
013	BERNARD L FRYE	T	11,600	100 1,933	050 967	2,900
ASSISTANT PROFESSOR						
014	ROBERT L NEILL		11,900	100 1,983		1,983
015	RONALD KNAUS		11,600	100 1,933		1,933
ASSISTANT INSTRUCTOR						
021	JACQUELINE PERRYMAN		7,300	100 1,216	100 1,216	2,432
GRADUATE TEACHING ASSISTANT						
026	JERRY R GLIDEWELL		5,400		050 450	450
027	ALFRED R JONES		5,400	050 450		450
031	RANDALL H STOVALL		5,400	025 225	025 225	450
101	RONALD S ASLETT		5,400	025 225	025 225	450
102	JOHN E COFER		5,400	050 450	050 450	900
SUB-TOTAL				27,071	18,365	45,436

COLLEGE OF SCIENCE

ITEM NO.	PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY	
12-230 CHEMISTRY							
PROFESSOR & CHAIRMAN							
001	DONALD R MARTIN	T	23,500	100 3,916	100 3,916	7,832	
PROFESSOR							
003A	PETER R GIRARDOT	T	22,200	100 3,700	100 3,700	7,400	
005	ROBERT F FRANCIS	T	16,600	100 2,766		2,766	
006	HUGH D MCAFEE	T	15,100	100 2,516		2,516	
007	HAROLD G BURMAN	T	14,700	100 2,450		2,450	
ASSOCIATE PROFESSOR							
008	ANDREW L TERNAY JR	T	16,400	100 2,733		2,733	
009	THOMAS J COGDELL	T	15,600		100 2,600	2,600	
010	A T ARMSTRONG	T	15,600		100 2,600	2,600	
011	SARAH M WILLOUGHBY	T	15,500	100 2,583		2,583	
012	ANN H BENHAM	T	12,700	050 1,058		1,058	
ASSISTANT PROFESSOR							
015	EDWARD BELLION		12,500		100 2,083	2,083	
016	DANIEL M BLAKE		12,400	050 1,033		1,033	
017	MARY L JOHNSON		12,000	100 2,000		2,000	
ASSISTANT INSTRUCTOR							
018	MARTHA L HARDIN		9,000		050 750	750	
019	CLOVIS HUDDLESTON		8,900	050 742		742	
GRADUATE TEACHING ASSISTANT							
101	.....		5,400	050 450	050 450	900
102	.....		5,400	050 450	050 450	900
SUB-TOTAL					26,397	16,549	42,946

COLLEGE OF SCIENCE

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
12-240 GEOLOGY						
PROFESSOR & CHAIRMAN						
001	CHARLES F DODGE	T	16,700	100 2,783	050 1,392	4,175
PROFESSOR						
002	JOHN D BOON	T	16,300	100 2,716		2,716
003	CHARLES L MCNULTY JR	T	16,100		100 2,683	2,683
ASSOCIATE PROFESSOR						
004	BURKE BURKART	T	13,500	100 2,250		2,250
ASSISTANT PROFESSOR						
005	ROBERT W SCOTT		12,900		085 1,826	1,826
006	DONALD F REASER	T	12,000	050 1,000	050 1,000	2,000
007	JOSEPH F FISCHER		11,800		085 1,671	1,671
GRADUATE TEACHING ASSISTANT						
101	.....		5,400	050 450		450
102	.....		5,400		050 450	450
SUB-TOTAL				9,199	9,022	18,221

COLLEGE OF SCIENCE

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-250 MATHEMATICS								
PROFESSOR & CHAIRMAN								
101	V LAKSHMIKANTHAM	T	24,000	100	4,000	100	4,000	8,000
PROFESSOR								
001	BASIL M WALL	T	20,800			050	1,733	1,733
002	JAMES L SHAWN	T	15,000	050	1,250	050	1,250	2,500
ASSOCIATE PROFESSOR								
003	ROBERT L TENNISON	T	18,000	050	1,500	050	1,500	3,000
004	JOHN K PERRYMAN	T	17,300			050	1,442	1,442
005	BENNIE B WILLIAMS	T	16,700	100	2,783			2,783
006	ALFRED R MITCHELL	T	16,600	100	2,766			2,766
007	ROGER W MITCHELL	T	16,600	100	2,766			2,766
008	STILLMAN A SIMS	T	16,300	050	1,358	050	1,358	2,716
009	JEROME EISENFELD		16,000	100	2,666			2,666
010	LARRY F HEATH	T	15,900	100	2,650			2,650
011	MARION E MOORE	T	15,400	100	2,566			2,566
012	JAMES C BOLEN	T	15,100			100	2,516	2,516
013	C W MARSHALL	T	14,700	050	1,225			1,225
014	M E LORD	T	14,400	050	1,200	050	1,200	2,400
015	DANNY D DYER	T	14,400	050	1,200	050	1,200	2,400
016	WILLIAM W HAMILTON	T	14,100			050	1,175	1,175
017	WILLIAM E BEEMAN	T	13,300			050	1,108	1,108
018	WILLIAM LAWLEY	T	13,300	050	1,108	050	1,108	2,216
019	THURMAN M JASPER	T	12,900	100	2,150			2,150
020	LEDLIE R HOLLAND	T	12,700			100	2,116	2,116

COLLEGE OF SCIENCE

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-250 MATHEMATICS								
ASSOCIATE PROFESSOR								
021	JOHN A GARDNER	T	12,700	050	1,058			1,058
022	HAROLD R GREEN	T	11,900	050	992			992
ASSISTANT PROFESSOR								
023	JAMES R HARVEY	T	15,100			050	1,258	1,258
024	FRANK N HUGGINS	T	14,400			100	2,400	2,400
025	MERLYND K NESTELL		14,100			100	2,350	2,350
026	WESLEY E MEAD JR	T	13,425	050	1,119			1,119
027	JACOB T B BEARD		12,700	100	2,116			2,116
028	JOE GILBREATH	T	12,675	050	1,056			1,056
029	JAMES C NICHOLSON	T	12,500	050	1,042			1,042
030	GAY B TURNEY	T	12,500	050	1,042			1,042
031	WILLIAM O MILLER	T	12,400			100	2,066	2,066
032	MERVIN R CHILDERS	T	12,400	050	1,033	050	1,033	2,066
033	ARTHUR A GILLESPIE	T	12,100	050	1,008	050	1,008	2,016
034	EUDA E DEAN	T	11,800	050	983	050	983	1,966
035	KIRBY D WATKINS	T	11,000	050	917			917
036	ROBERT J FOSTER	T	11,400			100	1,900	1,900
038	LEE G SHILLING JR	T	11,400			100	1,900	1,900
041	EDDIE N WARREN	T	10,700	050	891	050	892	1,783
INSTRUCTOR								
042	HENRY T WISE JR		10,400	050	867	050	866	1,733
GRADUATE TEACHING ASSISTANT								
102	.....		5,400	050	450	025	225	675
SUB-TOTAL					45,762		38,587	84,349

COLLEGE OF SCIENCE

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
12-260 PHYSICS						
PROFESSOR & CHAIRMAN						
001	LOUIS A RAYBURN	T	21,900	100 3,650	100 3,650	7,300
PROFESSOR						
002	RICHARD J MARQUIS	T	17,925	050 1,494	050 1,494	2,988
003	LEONARD M DIANA	T	17,700	100 2,950		2,950
ASSOCIATE PROFESSOR						
004	TRUMAN D BLACK	T	18,000	100 3,000		3,000
005	ULRICH O HEHRMANN	T	15,800	100 2,633		2,633
007	NOLEN G MASSEY	T	15,400	100 2,566		2,566
009	GLEN E TERPELL	T	15,100	100 2,516		2,516
010	R S RUBINS	T	14,700		050 1,225	1,225
011	BONNIE C THOMPSON	T	14,500		100 2,416	2,416
012	JOHN L FRY	T	14,500		100 2,416	2,416
ASSISTANT PROFESSOR						
014	WILLIAM R SELF	T	13,700		100 2,283	2,283
015	ERWIN G DOUGHTY	T	13,400	050 1,117		1,117
	SUB-TOTAL			19,926	13,484	33,410

COLLEGE OF BUSINESS

ITEM NO.	PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
12-320 ACCOUNTING						
PROFESSOR & CHAIRMAN						
002	HOWARD J SNAVELY	T	20,000	100 3,333	100 3,333	6,666
PROFESSOR						
003	ALLAN H SAVAGE	T	19,800	100 3,300	100 3,300	6,600
004	HARLEY M COURTNEY	T	19,500	100 3,250	100 3,250	6,500
ASSOCIATE PROFESSOR						
005	RICHARD J VARGO		18,500	100 3,083	100 3,083	6,166
006	DONALD R NICHOLS		18,000	100 3,000	100 3,000	6,000
008	BILLIE W MOUCK	T	11,700	100 1,950	100 1,950	3,900
009	JAMES F COOK	T	12,075	050 1,006	050 1,007	2,013
ASSISTANT PROFESSOR						
011	ROBERT E MC GILLIVRAY		13,000	100 2,166	100 2,166	4,332
012A	J PERRY ABBOTT		13,500	100 2,250	100 2,250	4,500
013	TERRY J WITT		11,300		100 1,883	1,883
014	ELBERT C PAGE	T	10,200	100 1,700	100 1,700	3,400
021	JEFFREY TSAY		15,500		100 2,583	2,583
INSTRUCTOR						
016	LOLA L RHODES		8,900	100 1,483	100 1,483	2,966
017	SHIRLEY S STRICKLAND		8,700	100 1,450	050 725	2,175
018	JOSEPH D BROPHY		8,700	100 1,450		1,450
020	GOTTFRIED E WEBER		8,600	050 716	100 1,433	2,149
	SUB-TOTAL			30,137	33,146	63,283

COLLEGE OF BUSINESS

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15 PERCENT OF TIME SALARY	SECOND TERM 7-16/8-31 PERCENT OF TIME SALARY	TOTAL SALARY
12-330 BUSINESS ADMINISTRATION						
ASSOCIATE PROFESSOR & CHAIRMAN						
002	EDWIN A GERLOFF	T	16,400	100 2,733	100 2,733	5,466
PROFESSOR						
004	JOHN D STANLEY	T	21,200	100 3,533		3,533
101	S T KEIM Economics	T	23,300	050 1,941 050 (1,942)	050 1,942 050 (1,941)	3,883 (3,883)
ASSOCIATE PROFESSOR						
007	WILLIAM W LUCAS	T	17,700	100 2,950	100 2,950	5,900
008	WILLIAM P GREEN	T	17,800	050 1,483	050 1,483	2,966
010	PAUL M HAYASHI	T	16,300		100 2,716	2,716
011	HIRAM M HELM JR	T	16,800	100 2,800	100 2,800	5,600
012	WILLIAM E PINNEY	T	15,900	100 2,650	100 2,650	5,300
013	CARL D MCDANIEL JR	T	15,900	100 2,650	100 2,650	5,300
014	BURLEY WALKER JR	T	15,825	100 2,637	100 2,637	5,274
015	THOMAS I KINDEL	T	15,400		100 2,566	2,566
017	SANFORD M EDGAR	T	14,700	100 2,450	100 2,450	4,900
018	DONALD W CANTWELL	T	11,700	100 1,950	100 1,950	3,900
019	BILLY W TURNER	T	11,700	100 1,950	100 1,950	3,900
ASSISTANT PROFESSOR						
020	R C BAKER		14,500	100 2,416	100 2,416	4,832
021	PAULA A HUGHES		14,300	100 2,383	100 2,383	4,766
022	ROGER H GATES		14,200	100 2,366	100 2,366	4,732
023	M WAYNE ALEXANDER		13,500	100 2,250	100 2,250	4,500
024	PHILIP F LYNCH		14,000	100 2,333	100 2,333	4,666
025	RONALD E MILLIMAN		13,600	100 2,266	100 2,266	4,532

COLLEGE OF BUSINESS

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-330 BUSINESS ADMINISTRATION							
ASSISTANT PROFESSOR							
026	DAVID GRAY	13,000	100	2,166	100	2,167	4,333
027	D L BOURKE	13,500	100	2,250	050	1,125	3,375
028	PAT J CALABRO	13,500			100	2,250	2,250
029	WILLIAM ASHLEY	13,000	100	2,166	100	2,167	4,333
030	KENNETH H PRICE	13,500	100	2,250			2,250
031	WILLIAM T TUCKER JR	13,500	050	1,125	050	1,125	2,250
032	ROSS A FLAHERTY	13,000	100	2,166	100	2,166	4,332
034	ALBERT S LEWIE JR	10,100	100	1,683	100	1,683	3,366
043	EUGENE C BELL	14,000			100	2,333	2,333
INSTRUCTOR							
033A	JOHN V DOWDY JR	9,000	100	1,500	100	1,500	3,000
046	.....	9,000	100	1,500			1,500
047	.....	8,500	100	1,416	100	1,416	2,832
	SUB-TOTAL			61,963		63,423	125,386

COLLEGE OF BUSINESS

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-340 ECONOMICS								
PROFESSOR & CHAIRMAN								
001	SAMUEL T KEIM JR Business Administration	T	23,300	050 050	1,942 (1,941)	050 050	1,941 (1,942)	3,883 (3,883)
PROFESSOR								
002	WALLACE B NELSON	T	23,000	100	3,833	100	3,833	7,666
003	THOMAS E HOLLAND	T	19,500	100	3,250	100	3,250	6,500
004	WILLIAM C REHER	T	18,400	100	3,066			3,066
005	THEODORE L WHITESEL	T	18,000	100	3,000			3,000
ASSOCIATE PROFESSOR								
006	JOHN B MCCALL	T	17,400	100	2,900	100	2,900	5,800
007	GHAZI DUWAJI	T	17,400	100	2,900	100	2,900	5,800
008	JOAN M MCCREA	T	17,200	100	2,866			2,866
009	WALTER E MULLENDORE	T	16,800	100	2,800	100	2,800	5,600
011	LAWRENCE F ZIEGLER	T	15,400	100	2,566	100	2,566	5,132
ASSISTANT PROFESSOR								
013	JOHN M TRAPANI III		13,800	100	2,300	100	2,300	4,600
014	CHARLES M HARGROVE		13,000	050	1,083	050	1,083	2,166
016	WALTER R SHUTTEE	T	10,500	100	1,750	100	1,750	3,500
017	RICHARD WILSON	T	9,800	050	816	050	817	1,633
INSTRUCTOR								
019	ROBERT L RAFTER		9,600	050	800	050	800	1,600
020	LESTER HAMMOND		8,500	100	1,416			1,416
SUB-TOTAL					37,288		26,940	64,228

COLLEGE OF ENGINEERING

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-413 AEROSPACE ENGINEERING							
PROFESSOR & CHAIRMAN							
003	DONALD D SEATH	T 18,100	050	1,508	050	1,508	3,016
PROFESSOR							
001A	JACK E FAIRCHILD	T 19,200	075	2,400	050	1,600	4,000
002A	JOSEPH W DALLEY	T 20,100	050	1,675	050	1,675	3,350
004	J H GAINES	T 16,500	075	2,062	025	688	2,750
ASSOCIATE PROFESSOR							
005	FRED R PAYNE Computer Science	T 17,000	050 025	1,416 (708)	050 025	1,417 (708)	2,833 (1,416)
006	JOSEPH J STANOVSKY	T 14,200	025	591	075	1,775	2,366
INSTRUCTOR							
007	DONALD R WILSON Mechanical Engineering	13,300	025 050	554 (1,108)	050 050	(1,108) (1,108)	554 (2,216)
GRADUATE TEACHING ASSISTANT							
101	.....	5,400	050	450	050	450	900
102	.....	5,400	050	450	050	450	900
103	.....	5,400	050	450	050	450	900
104	.....	5,400	050	450	050	450	900
SUB-TOTAL				12,006		10,463	22,469

COLLEGE OF ENGINEERING

ITEM NO.	PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-416 CIVIL ENGINEERING							
PROFESSOR & CHAIRMAN							
001	NOEL J EVERARD	T 21,000	100	3,500	100	3,500	7,000
PROFESSOR							
003	JOHN J HAYNES	T 21,300	075	2,663	075	2,662	5,325
005	TSENG HUANG	T 18,900	075	2,363	075	2,362	4,725
ASSOCIATE PROFESSOR							
009	SYED R GASIM	15,500	075	1,937	075	1,937	3,874
010	FRANK M SMITH JR	T 14,200	025	592	025	591	1,183
ASSISTANT PROFESSOR							
011	MAX SPINDLER	14,300	100	2,383	100	2,383	4,766
012B	ROBERT L YUAN	13,400	056	1,250	056	1,250	2,500
GRADUATE TEACHING ASSOCIATE							
101	.....	7,200	050	600	050	600	1,200
102	.....	7,200	050	600	050	600	1,200
103	.....	7,200	025	300	025	300	600
GRADUATE TEACHING ASSISTANT							
104	.....	7,200	025	300	025	300	600
SUB-TOTAL				16,488		16,485	32,973

COLLEGE OF ENGINEERING

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	
12-420 ENGINEERING GRAPHICS							
PROFESSOR							
001	GROVER C GRUBB	T 13,200	100	2,200	100	2,200	4,400
ASSOCIATE PROFESSOR							
002	CHARLES H CONNALLY	T 14,400	050	1,200			1,200
	SUB-TOTAL			3,400		2,200	5,600

COLLEGE OF ENGINEERING

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-433 MECHANICAL ENGINEERING							
PROFESSOR & CHAIRMAN							
001	CARL W FILES	T 20,700	100	3,450	100	3,450	6,900
PROFESSOR							
004	CARL D WISEMAN	T 17,700	050	1,475	050	1,475	2,950
005	GEORGE E SMITH	T 17,550	033	975	033	975	1,950
006	CALVIN L BARKER Computer Science	T 17,700	025	(737)	025	(738)	1,475 (1,475)
007	CHARLES C BLACKWELL JR	T 17,600	050	1,467	050	1,466	2,933
008	A HAJI-SHEIKH	T 17,300	050	1,442	050	1,441	2,883
010	KENT L LAWRENCE Computer Science	T 17,100	025 025	713 (713)	025 025	712 (712)	1,425 (1,425)
ASSOCIATE PROFESSOR							
011	ROBERT M JOHNSON	T 14,400	050	1,200	050	1,200	2,400
ASSISTANT PROFESSOR							
012	DAVID A HULLENDER	15,200	040	1,013	040	1,013	2,026
013	TOMMY J LAWLEY	15,100	050	1,258	050	1,258	2,516
014	GERALD W LOWERY	13,500	050	1,125	050	1,125	2,250
VISITING ASSISTANT PROFESSOR							
035	KENNETH YOUNG	13,000	050	1,083	050	1,083	2,166
INSTRUCTOR							
015	DONALD R WILSON Aerospace Engineering	13,300	050 025	1,108 (554)	050	1,108	2,216 (554)
LECTURER							
102	.....	10,800	025	450	025	450	900
GRADUATE TEACHING ASSOCIATE							
017	CHIAN CHEN HU	7,200	050	600	050	600	1,200
101	M BALARKRISHNA	7,200	050	600	050	600	1,200
GRADUATE TEACHING ASSISTANT							

COLLEGE OF ENGINEERING

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	PERCENT OF TIME SALARY	
12-433 MECHANICAL ENGINEERING							
GRADUATE TEACHING ASSISTANT							
024	WILLIAM GEO MACK	5,400	050	450	050	450	900
	SUB-TOTAL			18,409		19,881	38,290

COLLEGE OF ENGINEERING

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-435 ELECTRICAL ENGINEERING							
PROFESSOR & CHAIRMAN							
001	FLOYD L CASH	T 21,800	100	3,633	100	3,633	7,266
PROFESSOR							
003	MO-SHING CHEN	T 21,400	025	892	025	891	1,783
004	STEPHEN F CRUMB	T 21,200	100	3,533	100	3,533	7,066
005	CHARLES W JILES	T 20,000	100	3,333	100	3,333	6,666
007	K R RAO	T 16,000	075	2,000	075	2,000	4,000
ASSOCIATE PROFESSOR							
009	ALFRED R POTVIN	T 17,500	025	729	025	729	1,458
010	JACK FITZEP	T 17,200	100	2,866	100	2,866	5,732
011	JOHN W MC CONNELL	T 16,300	100	2,716	100	2,716	5,432
ASSISTANT PROFESSOR							
014	DONALD L CANNON	14,400	075	1,800	075	1,800	3,600
	Computer Science		025	(600)	025	(600)	(1,200)
GRADUATE TEACHING ASSISTANT							
101	.....	7,200	050	600	050	600	1,200
102	.....	7,200	050	600	050	600	1,200
103	.....	7,200	050	600	050	600	1,200
104	.....	7,200	050	600	050	600	1,200
SUB-TOTAL				23,902		23,901	47,803

COLLEGE OF ENGINEERING

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-440 INDUSTRIAL ENGINEERING							
PROFESSOR & CHAIRMAN							
001	FRANCE A MEIER Computer Science	T 19,500	075 025	2,437 (813)	075 025	2,437 (812)	4,874 (1,625)
ASSOCIATE PROFESSOR							
002	LARRY E STANFEL	18,600	100	3,100	100	3,100	6,200
003	JOHN N FOX	T 16,900			100	2,816	2,816
ASSISTANT PROFESSOR							
004	HERBERT W CORLEY Computer Science	14,900	075 025	1,863 (621)	075 025	1,863 (621)	3,726 (1,242)
005	ROBERT D DRYDEN Computer Science	14,400	075 025	1,800 (600)	075 025	1,800 (600)	3,600 (1,200)
LECTURER							
101	.....	9,300	025	387	025	388	775
GRADUATE TEACHING ASSOCIATE							
102	.....	7,200	050	600	050	600	1,200
GRADUATE TEACHING ASSISTANT							
103	.....	5,400	050	450	050	450	900
104	.....	5,400	050	450	050	450	900
105	.....	5,400	050	450	050	450	900
SUB-TOTAL				11,537		14,354	25,891

COLLEGE OF ENGINEERING

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-445 COMPUTER SCIENCE							
PROFESSOR							
002	CALVIN L BARKER Mechanical Engineering	T 17,700	025	737	025	738	1,475
					050	(1,475)	(1,475)
004	KENT L LAWRENCE Mechanical Engineering	T 17,100	025	713	025	712	1,425
			025	(713)	025	(712)	(1,425)
103	F A MEIER Industrial Engineering	T 19,500	025	813	025	812	1,625
			075	(2,437)	075	(2,437)	(4,874)
ASSOCIATE PROFESSOR							
005	MELVIN L PIERCE	T 15,525	025	647	025	647	1,294
104	FRED R PAYNE Aerospace Engineering	T 17,000	025	708	025	708	1,416
			050	(1,416)	050	(1,417)	(2,833)
ASSISTANT PROFESSOR							
006	ROGER WALKER	13,000	100	2,166	100	2,166	4,332
013	DONALD L CANNON Electrical Engineering	14,400	025	600	025	600	1,200
			075	(1,800)	075	(1,800)	(3,600)
101	ROBERT D DRYDEN Industrial Engineering	14,400	025	600	025	600	1,200
			075	(1,800)	075	(1,800)	(3,600)
102	H W CORLEY Industrial Engineering	14,900	025	621	025	621	1,242
			075	(1,863)	075	(1,863)	(3,726)
LECTURER							
105	.....	9,600	025	400	025	400	800
SUB-TOTAL				8,005		8,004	16,009

CRIMINAL JUSTICE PROGRAM

ITEM NO.	- PAYROLL TITLE - NAME		9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
				PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-530 CRIMINAL JUSTICE PROGRAM								
ASSOCIATE PROFESSOR								
001	JAMES W STEVENS	T	18,675	100	3,112	100	3,112	6,224
002	ALLAN K BUTCHER	T	16,750	100	2,791	100	2,791	5,582
ASSISTANT PROFESSOR								
003	MARY ALMORE		14,000	100	2,333			2,333
004	GILBERT SMITH		13,000	100	2,166	100	2,166	4,332
LECTURER								
013	GLORIA W EYRES		9,433	100	1,572	100	1,573	3,145
	SUB-TOTAL				11,974		9,642	21,616

12540

ITEM NO.	- PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-540 INSTITUTE OF URBAN STUDIES							
ASSOCIATE PROFESSOR							
001	PAUL N GEISEL	T 18,400	100	3,066			3,066
	SUB-TOTAL			3,066			3,066

12620

ITEM NO.	PAYROLL TITLE - NAME	9 MOS. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			PERCENT OF TIME	SALARY	PERCENT OF TIME	SALARY	
12-620 GRADUATE SCHOOL OF SOCIAL WORK							
ASSOCIATE PROFESSOR							
003	ANTHONY J ARANGIO	T 16,600	100	2,766	100	2,766	5,532
004	JOHN M DALEY JR	T 15,600	100	2,600	100	2,600	5,200
101	NAZNEEN MAYADAS	16,600	100	2,766			2,766
ASSISTANT PROFESSOR							
005A	ROSALIE J MOLLENHAUER	13,500			050	1,125	1,125
102	COLEEN SHANNON	12,100	050	1,008	050	1,008	2,016
103	JULIE ALLBRITTON	12,100			017	339	339
	SUB-TOTAL			9,140		7,838	16,978

RESERVE

ITEM NO.	- PAYROLL TITLE - NAME	9 MO. RATE	FIRST TERM 6-1/7-15		SECOND TERM 7-16/8-31		TOTAL SALARY
			% OF TIME	SALARY	% OF TIME	SALARY	
12-811	RESERVE FOR ADDITIONAL POSITIONS			<u>\$ 22,381</u>		<u>\$ 20,000</u>	<u>\$ 42,381</u>
	TOTAL SUMMER SCHOOL SALARIES - EDUCATIONAL AND GENERAL			<u>\$647,172</u>		<u>\$552,819</u>	<u>\$1,199,991</u>

THE UNIVERSITY OF TEXAS AT ARLINGTON
 SCHEDULE OF ADDITIONAL (OR CHANGES IN)
 FUNDING OF CONSTRUCTION PROJECTS

Project No.	Project Title	Source of Funds		Amount
		From	To (New or Additional Appropriation)	
601-139	Fine Arts Building	CFB	CTB	\$100,000.00
601-214	Remodeling Library Building	CFB	CTB	10,000.00
	Library Addition (1967)	BRB	CTB	100,000.00
	Physical Education Addition (1967)	BRB	CTB	50,000.00
	Preston Hall Addition (1970)	Other Sources	CTB	10,000.00
	Science Addition (1970-72)	Other Sources	CTB	10,000.00
601-258	Additional Parking Facilities	CTB CTB CTB	CFB BRB Other Sources	110,000.00 150,000.00 20,000.00

Legend

CFB - Combined Fee Revenue Bond Proceeds
 BRB - Building Revenue Bond Proceeds
 CTB - Constitutional Tax Bond Proceeds

THE UNIVERSITY OF TEXAS AT AUSTIN

Office of the President

March 28, 1974

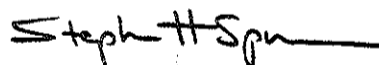
Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado St.
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the May 3, 1974 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely yours,



Stephen H. Spurr
President

THE UNIVERSITY OF TEXAS AT AUSTIN

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May 3, 1974

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THE UNIVERSITY OF TEXAS AT AUSTIN
May 3, 1974


GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN

The following gifts have been received. I recommend acceptance and that the thanks and appreciation of the Board be sent the donors by the Secretary.

A single asterisk preceding the name of the donor indicates no letter of transmittal from the donor. Two asterisks following the dollar amount indicate a noncash gift. In the case of unsold stock, the dollar amount stated is an appraisal or book value.

	DONOR	PURPOSE AND CONDITIONS	AMOUNT
1	American Hoechst Corporation William J. Novick, Jr. Director of Pharmacology Route 202-206 North Somerville, New Jersey 08876	College of Pharmacy Contribution to assist with research program on Lasix studies	\$9,900.00
2	*American Marketing Association 222 South Riverside Plaza Chicago, Illinois 60606	College of Business Administration Contribution to provide funds for office expenses and editing of the Journal of Marketing	6,528.50
3	*American Petroleum Institute 300 Corrigan Tower Dallas, Texas 75201	Division of Extension Grant-in-aid to assist with production costs of 16mm color film for educational purposes	5,000.00
4	American Petroleum Institute 1801 K Street, N.W. Washington, D.C. 20006	College of Engineering Contribution to the Bureau of Engineering Research, first payment on grant-in-aid for investigation of Piles Under Various Axial Loadings	17,500.00
5	American Society of Civil Engineers Reinforced Concrete Research Council 345 East 47th Street New York, New York 10017	College of Engineering Grant-in-aid for the Bureau of Engineering Research to support project on Structural Model Test of Post-tensioned Prestressed Concrete Flat Slab	5,000.00
6	*Amoco Production Company Sam Martner P. O. Box 591 Tulsa, Oklahoma 74102	College of Engineering Contribution in support of the Rock Mechanics Research Program in the Department of Petroleum Engineering	15,000.00

DONOR	PURPOSE AND CONDITIONS	AMOUNT
7 Amoco Foundation, Inc. Donald E. Burney Executive Director 200 East Randolph Drive Chicago, Illinois 60601	U. T. Austin For the College of Engineering: Department of Petroleum Engineering for 4 scholarships, \$3,400 Unrestricted grant for the Department of Petroleum Engineering, \$1,200 Minority scholarships in Engineering, \$1,700 Unrestricted grant, \$ 600 For Department of Geo- logical Sciences, unrestricted, \$3,000 For Arts and Sciences Foun- dation, unrestricted, \$1,000	\$10,900.00
8 *Anonymous	College of Natural Sciences Contribution to the Department of Geological Sciences for the Wallace E. Pratt Professorship in Geophysics	5,000.00 ¹⁰⁰⁰
9 Atlantic Richfield Company Louis F. Davis Executive Vice President 515 South Flower Street Los Angeles, California 90051	College of Engineering Contribution in support of the Industrial Associates Program of the Engineering Foundation	5,000.00
10 Mr. and Mrs. L. T. Barrow 3314 Chevy Chase Houston, Texas 77019	College of Natural Sciences Contributions to Department of Geological Sciences: Guy E. Green Fund, \$1,000.00 Dorothy Ogden Carsey Scholarship Fund, \$1,000.00 Geology Library, \$ 500.00 Map Library, \$ 500.00 Hal P. Bybee Memo- rial Fund, \$2,593.50	5,593.50
11 *Eric B. Becker 1500 East Side Drive, #104 Austin, Texas 78704	College of Engineering Continuation of support to the Bureau of Engineering Research for a research project on solid propellant rockets	9,000.00
12 *Celanese Chemical Company W. J. Humphrey P. O. Box 9077 Corpus Christi, Texas 78408	College of Engineering Contribution in support of the Industrial Associates Program of the Engineering Foundation	10,000.00

DONOR	PURPOSE AND CONDITIONS	AMOUNT
13 Champlin Petroleum Company Roger S. Plummer, Jr. President P. O. Box 9365 Fort Worth, Texas 76107	College of Natural Sciences Contributions to Department of Geological Sciences for: Fred M. Bullard Pro- fessorship Fund, \$10,000 Minority Enrollment Project, 2,000 Champlin Scholarship Program, 2,000	\$14,000.00 
14 City Public Service Board J. T. Deely, General Manager P. O. Box 1771 San Antonio, Texas 78296	College of Natural Sciences Contribution to Department of Physics for the work of the Center for Plasma Physics and Thermonuclear Research	15,000.00
15 College Entrance Exam- ination Board Stephen J. Wright, Director 888 Seventh Avenue New York, New York 10019	U. T. Austin Contribution to provide scholarship funds for 17 designated students	9,250.00
16 *Corporation for Public Broadcasting 888 Sixteenth Street, N.W. Washington, D.C. 20006	School of Communication Contribution to the Communica- tion Center in support of radio station KUT-FM	7,500.00
17 *W. H. Crain 2511 San Gabriel Austin, Texas 78705	Humanities Research Center First payment on pledge of \$25,000 for the purchase of the Fred Fehl Collection of theatrical photographs in New York	5,000.00
18 Estate of LeNoir Dimmitt c/o Austin National Bank Trust Department Austin, Texas 78701	U. T. Austin Bequest from will of Miss LeNoir Dimmitt to provide the Mrs. Kate Polk Dimmitt Memo- rial Scholarship in the Graduate School of Library Science	12,000.00
19 E. I. du Pont de Nemours and Company, Inc. C. B. McCoy, Chairman Wilmington, Delaware 19898	U. T. Austin Contributions as follows: College of Engineering, Du Pont Science and Engineer- ing Grant for the Department of Chemical Engineering, \$ 5,000 Du Pont Young Faculty Grant for Department of Chemical Engineering, \$20,000	40,000.00

(continued on page A-6)

DONOR	PURPOSE AND CONDITIONS	AMOUNT
19 E. I. du Pont de Nemours and Company, Inc. (continued)	College of Engineering, Du Pont Environmental Grant for the Environmental Health Engineering Program, \$5,000 College of Natural Sciences, Du Pont Science and Engineer- ing Grant for the Department of Chemistry, \$10,000	
20 Exxon USA Foundation M. A. Wright, Chairman and Chief Executive P. O. Box 2180 Houston, Texas 77001	U. T. Austin Contributions as follows: Dept. of Physics, \$1,000 College of Business Administration, 1,500 Dept. of Accounting, 3,000 Dept. of Chemical Engineering 2,000 Dept. of Petroleum Engineering, 1,500 Dept. of Mechanical Engineering, 1,500 Dept. of Electrical Engineering, 1,500 Dept. of Civil Engineering, 1,000 Dept. of Geological Sciences, 5,000 School of Law, 2,500 Dept. of Engineering Mechanics, 2,000 Engineering Foundation, unrestricted, 6,000 Chemical Engineering, 2,000 Petroleum Engineering, 2,000 Disadvantaged Student Program, 3,000	35,500.00
21 Exxon Corporation Dahl M. Duff, Public Affairs Manager Esso Middle East Division 1251 Avenue of the Americas New York, New York 10020	U. T. Austin Contribution to the Center for Middle Eastern Studies, first payment on pledge of \$23,700 to be used for series of publications	7,900.00
22 Exxon Education Foundation Frederick deW. Bolman Executive Director 111 West 49th Street New York, New York 10020	U. T. Austin Unrestricted grants to the Department of Chemistry, \$5,000; and to the Department of Mathematics, \$2,000	7,000.00

DONOR	PURPOSE AND CONDITIONS	AMOUNT
23 *Fondation Nationale pour l'Enseignement de la Gestion des Entreprises 155 Boulevard Haussmann Paris, France	College of Business Administration Continuation of support for the program of business education for a group of French educators	\$5,045.35
24 General American Trans- portation Corporation P. O. Box 6080 Chicago, Illinois 60606	College of Engineering Contribution to the Bureau of Engineering Research for a pro- gram of research to determine the compatibility-treatability of wastewater at Pasadena, Texas	8,064.00
25 General Electric Foundation Richard E. Kramer, Jr. Associate Administrator 1285 Boston Avenue Bridgeport, Connecticut 06602	College of Engineering Research grant in support of the Energy Resources Program of the Engineering Foundation under direction of Professor Herbert H. Woodson	20,000.00
26 General Electric Foundation Richard E. Kramer, Jr. Associate Administrator 1285 Boston Avenue Bridgeport, Connecticut 06602	Division of Extension Contribution in support of research, development, writing and publication of Instructional Materials Services Department	10,000.00
27 *Getty Oil Company John Mintz 3903 Stoney Brook Houston, Texas 77042	College of Engineering Contribution in support of the Rock Mechanics Research Program in the Department of Petroleum Engineering	15,000.00
28 *Dr. Richard J. Gonzalez 48 Tiel Way Houston, Texas 77019	College of Fine Arts Contribution of 200 shares of Exxon Corporation stock to provide the Loraine O'Gorman Gonzalez Creative Crafts Fund in the Department of Art	18,350.00
29 *Gulf Research and Development Company J. H. Henderson P. O. Box 36506 Houston, Texas 77036	College of Engineering Contribution in support of the Rock Mechanics Research Program in the Department of Petroleum Engineering	25,000.00
30 Estate of Willie S. and Ellen L. Helm c/o Wilcox, Patillo, Brown and Hill 517 First National Building Waco, Texas 76701	U. T. Austin Regular distribution of income from this estate for 1973, to be used for student financial aids	5,602.10

DONOR	PURPOSE AND CONDITIONS	AMOUNT
31 *IBM Corporation D. M. Bingham, Manager Production Engineering 11400 Farm Road 1325 Austin, Texas 78758	College of Engineering Contribution in support of the Industrial Associates Program of the Engineering Foundation	\$10,000.00
32 *Alice G. K. Kleberg Fund B. K. Johnson, Chairman Gift Committee P. O. Box 1418 Kingsville, Texas 78363	College of Business Administration Regular annual support of the Kleberg Professorship to pro- vide salary of \$25,000 and \$2,500 for travel expenses	27,500.00
33 Dean and Mrs. George Kozmetsky 1001 West 17th Street Austin, Texas 78701	College of Business Administration Contributions to be added to the George M. Kozmetsky Memorial Scholarship Fund: 600 shares of Standard Oil Company of California stock, and 14 shares of UGI Corpor- ation Mortgage Bonds,	39,075.00 14,135.63
34 *Latin American Scholarship Program of American Universities, Inc. 25 Mt. Auburn Street Cambridge, Massachusetts 02138	U. T. Austin Contributions to International Office to continue scholarship funds for several designated foreign students	15,474.50
35 *Mrs. Marrs McLean Menger Hotel 204 Alamo Plaza San Antonio, Texas 78205	The University of Texas Press Contribution to provide final publication funds for project previously funded by donor for <u>Bird Life of Texas</u> , by H. C. Oberholser (donor requests NO PUBLICITY)	18,000.00
36 Moody Foundation Robert E. Baker Executive Administrator Moody National Bank Building Galveston, Texas 77550	U. T. Austin Contributions as follows: College of Business Adminis- tration, first payment on renewal of \$36,400 grant to Graduate School of Bus- iness for the Oral Business History Project, \$ 9,100 * Office of Student Financial Aids, continuation of support to provide scholarship funds for numerous students named as Moody Scholars, \$26,150	35,250.00

DONOR	PURPOSE AND CONDITIONS	AMOUNT
37 *Mr. and Mrs. Glenn Mortimer, Jr. 789 Grandview Place San Antonio, Texas 78209	College of Business Administration Contribution of Phillips Petroleum Company and Sabine Royalty Corporation stock for the Betty and Glenn Mortimer Student-Faculty Excellence Fund	\$13,447.43
38 *National Council of Teachers of Mathematics 1201 Sixteenth Street, N.W. Washington, D.C. 20036	U. T. Austin Contribution to provide funds for office and operating costs for Dr. Elizabeth Gibb, National President of this organization	5,305.00
39 Phillips Petroleum Company D. C. Smith, Director Exploration and Production Research Research and Development Department Bartlesville, Oklahoma 74004	College of Engineering Contribution in support of the Rock Mechanics Research Program in the Department of Petroleum Engineering	40,000.00
40 *Rockwell Fund, Inc. Henry M. Rockwell P. O. Box 52548 Houston, Texas 77052	U. T. Austin Contribution to be added to the James M. Rockwell and Sarah Wade Rockwell Endowment Fund	25,000.00
41 Jack G. Taylor 3421 Monte Vista Drive Austin, Texas 78731	College of Business Administration Gift of 145 shares of American Metal Climax stock to complete the funding of the Jack G. Taylor Professorship in Business, which was approved by the Board of Regents on March 15, 1974	17,530.89
42 Texas State Historical Association L. Tuffly Ellis Assistant Director 2.306 Richardson Hall U. T. Austin	U. T. Austin Grant for the Department of Research in Texas History for the publication, <u>The Mexican War: A Lithographic Record</u>	5,402.85

The following nonmonetary gifts have also been received:

43 American Academy of Arts and Letters Ms. Margaret M. Mills Executive Director 633 West 155th Street New York, New York 10032	College of Fine Arts Contribution of an oil painting by Dorothy Hood entitled "Zeus Weeps," from the Childe Hassam Fund of the Academy, to be added to the University Art Collections	10,000.00** (estimated)
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DONOR	PURPOSE AND CONDITIONS	AMOUNT
44 *Eastman Kodak Company Gerald B. Zornow Chairman of the Board 343 State Street Rochester, New York 14650	College of Education Contribution to the Department of Educational Psychology of a Kodak Supermatic 60 projector to be used in connection with research on reading skills	\$ 500.00**

TRAVEL FOR FACULTY AND STAFF: The following trips are reported in accordance with Section 12 of the Budget Rules and Procedures for 1974-75 when expenses are paid from funds not specifically designated for travel; and in accordance with Section 13.38 of Chapter III of Part Two of the Rules and Regulations of the Board of Regents for the Government of The University of Texas when the absence is for a longer period than twenty-nine days.

1. Charles H. Burnette, Dean, School of Architecture, from December 4, 1973 through December 9, 1973, to New Orleans, Louisiana and Nassau, Bahamas, to attend a lecture and workshop at Tulane University in New Orleans and to develop the program for the Association of Collegiate Schools of Architecture Teacher's Seminar with the board of the ACSA in Nassau. Expenses in the approximate amount of \$265.00 are to be paid from Development Fund.
2. Charles H. Burnette, Dean, School of Architecture, from March 14, 1974 through March 15, 1974, to Washington, D. C., to attend a committee meeting for the AIA on Professional Information Services. Expenses in the approximate amount of \$216.91 are to be paid from Development Fund.
3. Karl Ames, Associate Professor of English, from February 28, 1974 through March 2, 1974, to Arlington, Texas, to present a talk before the College Conference of Teachers of English. Expenses in the approximate amount of \$55.20 are to be paid from English Department Program Development Fund.
4. Douglas Browning, Chairman, Department of Philosophy, from March 28, 1974 through March 30, 1974, to San Francisco, California, to attend the meeting of the Pacific Division of the American Philosophical Association for the purpose of coordinating placement of new Ph.D's and near Ph.D's and interview and contact prospective new faculty members. Expenses in the approximate amount of \$335.00 are to be paid from Academic Development Fund (Philosophy).
5. Jerome F. A. Bump, Assistant Professor of English, for March 1, 1974 only, to Arlington, Texas, to present a paper based on original research at a meeting of the College Conference of Teachers of English. Expenses in the approximate amount of \$53.28 are to be paid from English Department Program Development Fund.
6. Elaine Graybill, Assistant Professor of Spanish-Portuguese, from March 10, 1974 through March 14, 1974, to Mexico City, Mexico, to attend the Seminar in International Communication. Expenses in the approximate amount of \$110.00 are to be paid from Academic Development Fund.
7. Maxine C. Hairston, Assistant Professor of English, from February 28, 1974 through March 2, 1974, to Arlington, Texas, to attend annual meeting of Conference of College Teachers of English. Expenses in the approximate amount of \$125.07 are to be paid from English Department Program Development Fund.

THE UNIVERSITY OF TEXAS AT AUSTIN
 May 3, 1974

TRAVEL FOR FACULTY AND STAFF (Cont'd.):

8. Roland Huff, Instructor of English, from October 4, 1973 through October 6, 1973, to Dallas, Texas, to survey two-year colleges for the Department of English and College of Humanities planning purposes for new M.A. in college teaching of English. Expenses in the approximate amount of \$40.00 are to be paid from Academic Development, College of Humanities.
9. James L. Kinneavy, Professor of English and Curriculum & Instruction, from April 4, 1974 through April 6, 1974, to Anaheim, California, to attend annual meeting of Conference on College Composition and Communication. Expenses in the approximate amount of \$211.00 are to be paid from English Department Program Development Fund.
10. Alexander P. D. Mourelatos, Professor of Philosophy, from March 21, 1974 through March 27, 1974, to Austin, Texas from Washington, D. C., where he is on leave, to consult on the joint Classics-Philosophy program, "Studies in Greek Philosophy". Expenses in the approximate amount of \$207.27 are to be paid from the Academic Development Fund.
11. Jan L. Perkowski, Associate Professor of Slavic Languages, from March 28, 1974 through March 30, 1974, to Dallas, Texas, to chair a session: Revolutionary Activity as Represented in Literature and to confer with high school and college Russian teachers in the Fort Worth-Arlington-Dallas area. Expenses in the approximate amount of \$69.27 are to be paid from the Academic Development Fund.
12. Jan L. Perkowski, Associate Professor of Slavic Languages, from May 15, 1974 through May 18, 1974, to New York, New York, to attend the Second Annual Conference on Bilingual, Bicultural Education. Expenses in the approximate amount of \$222.00 are to be paid from the Academic Development Fund.
13. James Hinton Sledd, Professor of English, from February 27, 1974 through March 1, 1974, to Arlington, Texas, to deliver a paper at the Conference of College Teachers of English. Expenses in the approximate amount of \$46.32 are to be paid from English Department Program Development Fund.
14. James Hinton Sledd, Professor of English, from April 3, 1974 through April 7, 1974, to Anaheim, California, to speak at the annual meeting of the Conference on College Composition. Expenses in the approximate amount of \$205.55 are to be paid from English Department Program Development Fund.
15. Betty Nance Weber, Assistant Professor of Germanic Languages, from February 28, 1974 through March 2, 1974, to Louisville, Kentucky, to participate in the Louisville Conference on Twentieth Century Literature. Expenses in the approximate amount of \$165.00 are to be paid from Germanic Program Development Fund.
16. Clifford A. L. Becker, Assistant Professor of Chemistry, from April 1, 1974 through April 3, 1974, to Los Angeles, California, to present a research paper at the 167th National Meeting of the American Chemical Society. Expenses in the approximate amount of \$195.00 are to be paid from Attendance at Professional Meetings funds.

THE UNIVERSITY OF TEXAS AT AUSTIN
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TRAVEL FOR FACULTY AND STAFF (Cont'd.):

17. Michael J. S. Dewar, Professor of Chemistry, from March 27, 1974 through April 27, 1974, to London, England, to give lectures at the Annual Meeting of the Chemical Society in London, five lectures on MO Theory at the University of East Anglia, and lectures at the Universities of Kent and Sussex. No expense to the University.

18. David DeCamp, Professor of Linguistics, from March 7, 1974 through March 9, 1974, to Denver, Colorado, to attend the annual national meeting of the Teachers of English to Speakers of Other Languages. Expenses in the approximate amount of \$138.00 are to be paid from English Department Program Development Fund.

19. Edward J. Rhoads, Assistant Professor of History, from February 15, 1974 through February 18, 1974, to El Paso, Texas, to do research in the El Paso Public Library on Chinese in El Paso. Expenses in the approximate amount of \$88.00 are to be paid from Project SRF-645.

20. Charles R. Kline, Jr., Assistant Professor of Curriculum & Instruction, from October 19, 1973 to October 20, 1973, to Texas City, Texas and Houston, Texas, to attend a regional conference with Junior College teachers preparatory to projected University of Texas Junior College program for teacher training and to attend the University Interscholastic League regional workshop for secondary students in Houston. Expenses in the approximate amount of \$50.00 are to be paid from Humanities Academic Development Fund.

21. Ned Philip Smith, Assistant Professor of Civil Engineering, from April 1, 1974 through April 11, 1974, to Annapolis, Maryland and Washington, D. C., to participate in the NSF IDOE Sponsored Shelf Dynamics Conference and to attend the first three days of the American Geophysical Union meeting. Expenses in the approximate amount of \$630.00 are to be paid \$175.00 from Port Aransas Marine Science Institute-General Travel and \$455.00 from Marine Studies-Travel.

22. John H. Vanston, Jr., Assistant Professor of Mechanical Engineering, for February 28, 1974 only, to Houston, Texas, to coordinate with the Governor's Energy Advisory Council on a proposal to be submitted by The University of Texas at Austin to the National Science Foundation. Expenses in the approximate amount of \$58.27 are to be paid from Energy Resource Program funds.

23. Herbert H. Woodson, Chairman, Department of Electrical Engineering, from January 27, 1974 through January 31, 1974, to New York, New York and Washington, D. C., to attend the Institute of Electrical and Electronic Engineers, Power Engineering Society, Winter Power Meeting in New York, and to discuss Energy Resources Program with Congressman Jake Pickle in Washington, D. C. Expenses in the approximate amount of \$460.00 are to be paid \$250.00 from Engineering Foundation Faculty Travel and \$169.02 from BER TAERE (Woodson) and \$49.08 from Energy Resources Program funds.

THE UNIVERSITY OF TEXAS AT AUSTIN
 May 3, 1974

TRAVEL FOR FACULTY AND STAFF (Cont'd.):

24. Herbert H. Woodson, Chairman, Department of Electrical Engineering, from February 13, 1974 through February 15, 1974, to San Francisco, California and Palo Alto, California, to consult with the Stauffer Chemical Company in San Francisco, and to discuss Energy Resources Program with members of the Electric Power Institute in Palo Alto. Expenses in the approximate amount of \$24.75 are to be paid from Energy Resources Program.
25. Bill D. Francis, Associate Professor of Art, from April 15, 1974 through April 16, 1974, to Houston, Texas, to attend a meeting of the Fine Arts Advisory Council. Expenses in the approximate amount of \$74.00 are to be paid from College-wide Development funds.
26. Eleanor Greenhill, Associate Professor of Art, from April 15, 1974 through April 16, 1974, to Houston, Texas to attend a meeting of the Fine Arts Advisory Council. Expenses in the approximate amount of \$88.00 are to be paid from College-wide Development funds.
27. Thomas F. Reese, Assistant Professor of Art, from January 22, 1974, through January 26, 1974, to Detroit, Michigan, to attend the annual meeting of the College Art Association of America to interview candidates for the position of Chairman of the UT Art Department. Expenses in the approximate amount of \$365.00 are to be paid from College-wide Development funds.
28. Leslie Wyatt, Assistant to the Dean, College of Fine Arts, from February 22, 1974 through February 23, 1974, to Houston, Texas, to attend the meeting of the Association of American Dance Companies, Southwest Region and to interview possible guests to participate in a dance symposium on this campus in April, 1974. Expenses in the approximate amount of \$65.64 are to be paid from College-wide Development funds.
29. Phyllis Young, Associate Professor of Music, from February 15, 1974 through February 16, 1974, to Houston, Texas, to attend the meeting of the Fine Arts Advisory Council. Expenses in the approximate amount of \$79.00 are to be paid from College-wide Development funds.
30. Chester L. Chiles, Associate Professor of Social Work, from February 10, 1974 through February 13, 1974, to Washington, D. C., to attend the National Conference on Drug Abuse Training. Expenses in the approximate amount of \$311.00 are to be paid from Academic Excellence funds and Federal Grant NIMH #5 TO1DA00080-02.
31. R. Keith Arnold, Director, Division of Natural Resources & Environment, from August 1, 1974 through August 28, 1974, to Helsinki, Finland, to direct the conducting of the Second International Congress of Societies of Foresters. Expenses in the approximate amount of \$1,190.00 are to be paid from Program Development Fund.
32. W. H. Crain, Social Science/Humanities Research Associate II, Humanities Research Center, from February 15, 1974 through April 7, 1974, to England, Italy, Greece, and France, to examine collections and visit possible donors of gifts to the Humanities Research Center. No expense to the University.

THE UNIVERSITY OF TEXAS AT AUSTIN

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TRAVEL FOR FACULTY AND STAFF (Cont'd.):

33. George E. Grubb, Jr., Supervisory, Maintenance and Repair Shop, McDonald Observatory, Organized Research, from January 8, 1974 through January 10, 1974, to Wichita Falls, Texas from Fort Davis, Texas, to pick up surplus fire truck for McDonald Observatory. Expenses in the approximate amount of \$45.00 are to be paid from McDonald Observatory, MO&E funds.

34. George E. Grubb, Jr., Supervisor, Maintenance and Repair Shop, McDonald Observatory, Organized Research, for January 29, 1974 only, to Lawton, Oklahoma from Fort Davis, Texas, to look at surplus fire truck. Expenses in the approximate amount of \$21.54 are to be paid from Physical Plant, M&O funds.

35. George E. Grubb, Supervisor, Maintenance and Repair Shop, McDonald Observatory, Organized Research, from January 30, 1974 through February 1, 1974, to Austin, Texas from Fort Davis, Texas, to review McDonald Observatory construction programs in progress and plans for future additions. Expenses in the approximate amount of \$45.00 are to be paid from Physical Plant, M&O funds.

36. Tommy Hartnett, Construction Machine Operator, McDonald Observatory, Organized Research, from January 8, 1974 through January 10, 1974, to Wichita Falls, Texas from Fort Davis, Texas, to pick up surplus fire truck for McDonald Observatory. Expenses in the approximate amount of \$45.00 are to be paid from McDonald Observatory, MO&E funds.

37. Bill McKee, Assistant Supervisor of Shop and Maintenance, McDonald Observatory, Organized Research, for January 29, 1974 only, to Lawton, Oklahoma from Fort Davis, Texas, to look at surplus fire truck. Expenses in the approximate amount of \$5.00 are to be paid from Physical Plant, M&O funds.

USE OF TEXTBOOKS WRITTEN BY FACULTY: In accordance with Chapter III, Section 24 of Part One of the Regents' Rules and Regulations for the Government of The University of Texas, I recommend approval of the following faculty authored books as textbooks for the 1973-74 fiscal year.

*Indicates this book has not been previously used at the University.

<u>Title</u>	<u>Author</u>	<u>Cost to Student</u>	<u>Royalty per volume per author</u>
Handball	Pete Tyson	\$ 1.75	\$.15
*The American Woman in Sport	Ellen Gerber, Pearl Berlin, Jan Felshin, <u>Waneen Wyrick</u>	9.95	.40

THE UNIVERSITY OF TEXAS AT AUSTIN
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GRADUATE FACULTY MEMBERSHIP: I recommend approval of the appointment of the following to membership in the Graduate Faculty, all of whom have been nominated by their graduate studies committees, and the names submitted by Dr. Gardner Lindzey, Vice President and Dean of Graduate Studies:

COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES

Department of Linguistics
 Associate Professor Carlota Smith

COLLEGE OF NATURAL SCIENCES

Department of Computer Sciences
 Associate Professor Kaniyantra Mani Chandy

COLLEGE OF BUSINESS ADMINISTRATION

Department of General Business
 Associate Professor Richard M. Soland

SCHOOL OF COMMUNICATION

Department of Speech Communication
 Professor Alfred G. Smith

COLLEGE OF EDUCATION

Department of Curriculum & Instruction
 Associate Professor Alberta M. Castaneda

COLLEGE OF FINE ARTS

Department of Art
 Professor Kenneth Fiske
 Associate Professor Alvin Nickel

Department of Drama
 Assistant Professor John W. Brokaw

Department of Music
 Associate Professor Orville H. White

THE UNIVERSITY OF TEXAS AT AUSTIN
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FACULTY LEGISLATION: The following legislation has been passed by the University Council and/or General Faculty. I recommend approval.

1. The University Council, on March 27, 1974, approved by the circularization procedure proposed changes for the College of Pharmacy Catalogue requirements for the Degree of Bachelor of Pharmacy. These changes are effective for fall registration 1974 (D&P 5880-82).

PROPOSED CHANGES IN THE CATALOGUE OF THE
COLLEGE OF PHARMACY

RECOMMENDATIONS OF THE COLLEGE OF PHARMACY

On page 19 of the 1972-74 bulletin of the College of Pharmacy under "Prescribed Work for Bachelor of Science in Pharmacy" make the following changes:

CHANGE 1

To: To qualify for the Bachelor of Science in Pharmacy degree the student must complete 160 semester hours.

In addition to the required courses listed below in the five-year outline (which must be taken in approximately the listed sequence because of prerequisite requirements*), the student must also complete the following 42 semester hours:

3 hours of speech at the sophomore level
3 hours of technical writing at the sophomore level
6 hours of United States History
6 hours of American Government
24 hours of elective courses, of which not less than 16 hours are in pharmacy electives

*Students should check all course prerequisites (see course description) before requesting a given program.

From: To qualify for the Bachelor of Science in Pharmacy degree the student must complete 160 hours.

In addition to the required courses listed below in the five-year outline (which must be taken in approximately the listed sequence because of prerequisite requirements*), the student must also complete the following 35-semester-hours:

~~6 hours of English (at a level beyond English-305) or speech~~
6 hours of United States History
6 hours of American Government
~~17 hours of elective courses, of which not less than 9 are in pharmacy electives~~

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FACULTY LEGISLATION (Cont'd.):

CHANGE 2

On page 22 of the 1972-74 bulletin of the College of Pharmacy under "Special Requirements" make the following changes:

To: In addition to regulations stated in the General Information Bulletin the following academic standards are in effect in the College of Pharmacy:

1. A student must make an average of at least two grade points per semester on all courses undertaken at The University of Texas at Austin, whether passed or failed, before advancing to the Professional Work of the succeeding year. Furthermore, the student must make an average of at least two grade points per semester hour on all pharmacy courses completed, whether passed or failed, before advancing to the Professional Work of the succeeding year. A letter grade of A counts as 4 points; a B grade as 3 points; a C grade as 2 points; a D grade as 1 point; an F as 0 points.
2. To be eligible for graduation, a student must make an average of at least two grade points per semester hour in all coursework undertaken at The University of Texas at Austin, whether passed or failed and must make an average of at least two grade points per semester hour in all pharmacy courses completed, whether passed or failed.
3. A student who falls six or more grade points below a C average in pharmacy courses shall be placed on academic probation in pharmacy. If that student remains six or more grade points below average in the pharmacy area for two consecutive registration periods (semesters or summer sessions) he shall be subject to academic dismissal from the College of Pharmacy.
4. All courses taken and all grades received at The University of Texas at Austin (including grades made in courses that have been repeated) whether counted toward his degree or not, shall be included in computing the grade point average of the student.
5. All students desiring to re-enter the College of Pharmacy after having been placed on enforced withdrawal must have the approval of the Dean of the College of Pharmacy.
6. Any student who has a grade of C or higher in a course may not repeat the course and use the second grade to improve his grade point average without special permission of the Dean of the College of Pharmacy.
7. Students whose average is at least 3.6 points per semester hour shall be graduated "with highest honors"; students whose average is at least 3.3 points per semester hour shall be graduated "with high honors"; students whose average is at least 3.0 points per semester hour shall be graduated "with honors".

THE UNIVERSITY OF TEXAS AT AUSTIN
May 3, 1974

FACULTY LEGISLATION (Cont'd.):

From: The student must make an average of at least two grade points per semester hour on all courses undertaken at The University of Texas at Austin, whether passed or failed, an A grade on a semester hour counting as 4 points; a B grade as 3 points; a C grade as 2 points; a D as 1 point; an F as 0. Furthermore, the student must make an average of at least 2 grade points per semester hour on all pharmacy courses undertaken at The University of Texas at Austin, whether passed or failed.
A student with a previously earned grade of C or better in a course may not repeat the same course for credit or grade points without special approval of the Dean.
Students whose average is at least 3.6 grade points per semester hour shall be graduated "with highest honors"; students whose average is at least 3.3 grade points per semester hour shall be graduated "with high honors"; students whose average is at least 3.0 points per semester hour shall be graduated "with honors".

2. The General Faculty on February 22, 1974, approved by the circularization, no-protest procedure, legislation regarding addition of a parliamentarian to the University Council and General Faculty (D&M 11170).

PROPOSAL TO ADD A PARLIAMENTARIAN TO
THE UNIVERSITY COUNCIL AND GENERAL FACULTY

That a Parliamentarian be added to the University Council and the General Faculty; he or she should not be a member of the University Council and should be someone other than the Parliamentarian for the Faculty Senate; he or she shall be appointed by the President, upon advice of the University Council, for a one-year term and may be reappointed.

CATALOGUE FRONTISPIECE ADDITION: On the second page of the bulletins comprising the Catalogue of The University of Texas at Austin, appropriate quotations from Sam Houston and Mirabeau B. Lamar have long been printed. I recommend approval of the following additional quotation to be included on this page:

"Where liberty has arisen, learning must be cherished -- or liberty itself becomes a fragile thing."

Lyndon B. Johnson

*Misc
cat.*

THE UNIVERSITY OF TEXAS AT AUSTIN
May 3, 1974

Handbook

INSTITUTIONAL RULES ON STUDENT SERVICES AND ACTIVITIES AMENDMENT:

Upon the advice of the Office of the Dean of Students and with the concurrence of the Vice President for Student Affairs, I recommend approval of the deletion of Subsection 10-303(a)(2) of Chapter 10 of Appendix C, Institutional Rules on Student Services and Activities. This subsection currently states that no student or organization may post or carry a sign that "identifies a person as a candidate for a specific local, state, or national political office." This subsection is inconsistent with rules governing the distribution of literature, decals, petitions, leaflets, and with public announcements, all of which permit the identification of the specific office sought by candidates. Subsections (3) and (4) would be renumbered accordingly.

R + R

HEW HEALTH PROFESSIONS STUDENT ASSISTANCE PROGRAM: The Department of Health, Education, and Welfare, Public Health Service, has allocated an additional award of \$19,829.00 to the College of Pharmacy of The University of Texas at Austin for health professions scholarships for the fiscal year 1974.

GIFT FOR THE CREACTIVE ROOM IN THE SCHOOL OF COMMUNICATION BUILDING: Dean Wayne Danielson of the School of Communication has recommended that the University accept a proposal from the advertising agency of Goodwin, Dannenbaum, Littman and Wingfield, Inc. of Houston concerning an offer to provide a special room for advertising studies in the new School of Communication building in honor of John Paul Goodwin, retiring founder of the agency. A plaque will be placed in the room, to be called the CreACTIVE Room, to honor Mr. Goodwin.

R + R
2170

This agency has offered a pledge of \$10,000 to be paid at \$2,000 a year over a five-year period beginning in April 1974 to provide furnishings and special equipment for the room.

I have approved this proposal and recommend that this action be ratified.

*Improper Reading -
relates to R + R -*

THE UNIVERSITY OF TEXAS AT AUSTIN

May 3, 1974

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL):

1. Purchase Order No. 39-801229, by which California Institute of Technology, Pasadena, California, provides \$4,900 for participation by UT-Austin in a project entitled, "Pioneer F/G Data Analysis." The purchase order is effective for the period July 1, 1973 through June 30, 1974, and the project continues under the direction of Dr. Laurence M. Trafton, Research Scientist, Department of Astronomy.

2. Memorandum of Agreement dated 18 January 1974 by which the Council on International Educational Exchange, New York, New York, provides a sum not to exceed \$20,160 for an intensive English program for a group of Japanese students at The University of Texas at Austin. The agreement is effective for the period January 18, 1974, through December 31, 1974, and the program will be coordinated by Dr. Joe W. Neal, Director, International Office.

3. Personal Services Contract between the Houston-Galveston Area Council, Houston, Texas, and The University of Texas at Austin whereby the Council provides \$35,586 for support of certain technical or professional services rendered by the University's Bureau of Business Research for the College of Business Administration in a project entitled, "An Economic Base Study of the Gulf Coast State Planning Region." The contract [under HUD-IGA-TX-06-16-1001] is effective for the period February 19, 1974 through December 31, 1974, and the project will be under the direction of Dr. Stanley A. Arbingast, Professor of Resources, and Director, Bureau of Business Research.

4. Amendment No. 6 to Contract APL/JHU No. 372041, by which Applied Physics Laboratory, The Johns Hopkins University, Silver Spring, Maryland, adds \$65,033 to Task I and \$22,502 to Task II and increases the total estimated cost from \$314,447 to \$401,982. The period of performance is extended through September 30, 1974, and the research entitled, "Geodetic and Upper Atmospheric Studies," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.

5. Agreement between The Latin American Scholarship Program of American Universities, Cambridge, Massachusetts, and The University of Texas at Austin, by which LASPAU provides an estimated \$72,000 for the support of 39 scholars participating in The English Language Training and Orientation Program. The agreement is effective for the period January 15, 1974 through December 31, 1974, and the program continues under the direction of Dr. Joe W. Neal, Director, International Office.

6. Grant (letter dated 25 January 1974) by which International Research and Exchanges Board, New York, New York, provides \$6,975 (Check No. 4265) for support of a scholar from Romania studying at The University of Texas at Austin under the IREX program. The grant is effective for the period February 15, 1974 through December 15, 1974, and the program will be under the direction of Dr. Allen J. Bard, Professor of Chemistry.

7. Grant Letter dated 14 February 1974 by which Mobil Oil Corporation, Exploration Services Center, Dallas, Texas, provides \$1,805 for support of research entitled, "System Capabilities from Benchmark Data." The grant is effective for the period February 11, 1974, through April 30, 1974, and the research will be under the direction of Dr. James C. Browne, Professor of Computer Sciences and of Physics.

THE UNIVERSITY OF TEXAS AT AUSTIN

May 3, 1974

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL) :

8. Subgrant J 74-001, by which the Texas Committee for the Humanities and Public Policy, Arlington, Texas, provides \$5,754.02 for support of research entitled, "For Generations to Come: Humanistic Implications of Constitutional Revision." The subgrant is effective for the period February 8, 1974 through March 31, 1974, and the project will be under the direction of William S. Giorda, Assistant Director for Radio, Communication Center.

9. Release and Indemnity Agreement between The University of Texas at Austin (Department of Mechanical Engineering) and the Glastron Boat Company, signed by Vice President James H. Colvin, whereby the Glastron Boat Company agrees to provide one eight-wheel all-terrain vehicle comprised of two four-wheel carriages powered by a Yamaha snowmobile engine for professors and students of the University to use in a project which will enable them to enter said vehicle in a Recreational Ecological Vehicle Competition on May 30, 31, and June 1, 1974, in Ahmeek, Michigan. This agreement became effective January 21, 1974.

THE UNIVERSITY OF TEXAS AT AUSTIN

May 3, 1974

GRANTS, CONTRACTS, AND AGREEMENTS (STATE):

1. Contract No. 42301382, by which the Texas Education Agency, Austin, Texas, provides \$7,374 for support of the occupational research project entitled, "An Assessment of Remedial Programs for Vocational-Technical Students in Selected Post-Secondary Institutions in Texas." The contract is effective for the period December 1, 1973 through June 30, 1974, and the project will be under the direction of Dr. Carl R. Ashbaugh, Associate Professor of Educational Administration.
2. Amendment to Intergovernmental Cooperation Contract between The University of Texas at Austin (Bureau of Economic Geology) and the Capital Area Planning Council, signed by Vice President James H. Colvin, to change the contract number from CPA-TX-06-59-1017 to CPA-TX-06-59-1030, and to change the amount of the contract from \$15,000.00 to the unexpended amount of the contract, which is \$11,505.36, and the final billing date of the contract to April 30, 1974. The original contract was dated January 25, 1973.
3. Interagency Cooperation Contract No. IAC (72-73)-1208, Amendment No. 2, between The University of Texas at Austin (LBJ School of Public Affairs) and the Texas Parks and Wildlife Department, signed by Vice President James H. Colvin, to extend the termination date from December 31, 1973 to February 28, 1974. All other terms and conditions not hereby amended are to remain in full force and effect. This Amendment became effective December 31, 1973.
4. Interagency Cooperation Contract No. IAC (74-75)-057, Amendment No. 1, between The University of Texas at Austin (Engineering Extension Division) and the Texas Highway Department, signed by Vice President James H. Colvin, to amend changes in the paragraph, PAYMENT FOR SERVICES, to read, "Payments for services performed shall be billed upon completion of each course." All other terms and conditions not hereby amended are to remain in full force and effect. This Amendment became effective February 1, 1974.
5. Interagency Cooperation Contract No. IAC (74-75)-098, Amendment No. 1, between The University of Texas at Austin (Computation Center) and the Office of the Governor, Office of Information Services, signed by Vice President James H. Colvin, to increase the amount of the original contract from \$2,000.00 to \$3,000.00. All other terms and conditions not hereby amended are to remain in full force and effect. This Amendment became effective February 4, 1974.
6. Interagency Cooperation Contract No. IAC (74-75)-0397, Amendment No. 1, between The University of Texas at Austin (Bursar's Office) and the Texas Highway Department, signed by Vice President James H. Colvin, to allow Mr. Billy Rex Rogers to attend the University during the spring semester of 1974 and to increase the available funds from \$87.50 to \$203.50. All other terms and conditions not hereby amended are to remain in full force and effect. This Amendment became effective January 25, 1974.

THE UNIVERSITY OF TEXAS AT AUSTIN
 May 3, 1974

GRANTS, CONTRACTS, AND AGREEMENTS (STATE) (Cont'd.):

7. Interagency Cooperation Contract No. IAC (74-75)-0644, between The University of Texas at Austin (Physical Plant) and the Office of Information Services, Executive Department, Office of the Governor, signed by Vice President James H. Colvin, whereby In-state long distance voice telephone services of the Texas Agency Network (TEX-AN) and digital network services as requested by the University, are to be provided by the Office of Information Services, Executive Department, Office of the Governor. The contract period is from January 1, 1974 (or later activation date of TEX-AN net) through August 31, 1975. Total amount of the contract is not to exceed \$357,540.00 which includes one-time installation costs of approximately \$10,548.00.
8. Interagency Cooperation Contract No. IAC (74-75)-0669, between The University of Texas at Austin (Council for Advanced Transportation Studies) and the Governor's Office of Educational Research and Planning, signed by Vice President James H. Colvin, whereby the University will undertake research and provide preliminary recommendations concerning a formulae for the allocation of state funds to local school districts for student transportation. The contract period is from January 1, 1974 through July 31, 1974. Total amount of the contract is not to exceed \$1,703.00.
9. Interagency Cooperation Contract No. IAC (74-75)-0676, between The University of Texas at Austin (Printing Division) and the Office of Information Services, Executive Department Office of the Governor, signed by Vice President James H. Colvin, whereby reproduction with die-cut window in front cover of 1,000 cover sets to be reproduced using Reflex Blue ink. The contract period is from January 21, 1974 through February 28, 1974. The total amount of the contract is not to exceed \$80.00.
10. Interagency Cooperation Contract No. IAC (74-75)-0678, between The University of Texas at Austin (Computation Center) and the Coordinating Board, Texas College and University System, signed by Vice President James H. Colvin, whereby the University agrees to furnish the services of its Computation Center 6400/6600 computer system on available time basis. The contract period is from February 1, 1974 through August 31, 1974. Total amount of the contract is not to exceed \$3,000.00.
11. Interagency Cooperation Contract No. IAC (74-75)-0680, between The University of Texas at Austin (Thompson Conference Center) and the State Board of Registration for Professional Engineers, signed by Vice President James H. Colvin, whereby the University will provide Rooms 2-103 and 3-102 of the Thompson Conference Center, for the National Council of Engineering Examinations. The contract period is for November 3, 1973 only. Total amount of the contract is not to exceed \$151.50.

THE UNIVERSITY OF TEXAS AT AUSTIN
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GRANTS, CONTRACTS, AND AGREEMENTS (STATE) (Cont'd.):

12. Interagency Cooperation Contract No. IAC (74-75)-0683, between The University of Texas at Austin (Thompson Conference Center) and the State Board of Registration for Professional Engineers, signed by Vice President James H. Colvin, whereby the University will provide rooms in the Thompson Conference Center for the National Council of Engineering Examinations. The contract period is from April 20, 1974 through November 9, 1974. Total amount of the contract is not to exceed \$500.00.
13. Interagency Cooperation Contract No. IAC (74-75)-0685, between The University of Texas at Austin (Center for Research in Water Resources, Division of Natural Resources and Environment) and the Division of Planning and Coordination, Office of the Governor, signed by Vice President James H. Colvin, whereby the University shall provide those additional results of the "Operational Guidelines for Texas Zone Management" project reflecting the impact on the natural resources and the impact on the economy of the Coastal Bend State Planning region resulting from various possible future coastal zone management policies. The contract period is from January 30, 1974 through March 31, 1974. Total amount of the contract is not to exceed \$22,793.00.
14. Interagency Cooperation Contract No. IAC (74-75)-0687, between The University of Texas at Austin (University Press) and the Texas Parks and Wildlife Department, signed by Vice President James H. Colvin, whereby the University shall furnish two (2) copies of the publication, "SEA SHELLS OF THE TEXAS COAST", The Emma Dill Russel Spencer Foundation Series by Jean Andrews, 1971, 5th Edition. The contract period is from January 29, 1974 through August 31, 1974. Total amount of the contract is not to exceed \$35.00.
15. Interagency Cooperation Contract No. IAC (74-75)-0712, between The University of Texas at Austin (Thompson Conference Center) and the Texas State Department of Health, signed by Vice President James H. Colvin, whereby the University shall furnish one room for use on May 6 and 7, 1974. The contract period is from February 8, 1974 through May 31, 1974. Total amount of the contract is not to exceed \$40.00.
16. Interagency Cooperation Contract No. IAC (74-75)-0716, between The University of Texas at Austin (Center for Research and Water Resources - Civil Engineering) and the Texas Water Quality Board, signed by Vice President James H. Colvin, whereby the University is to evaluate the advances in recovering usable energy from the treatment of municipal wastewaters. The contract is from February 1, 1974 through May 31, 1974. Total amount of the contract is not to exceed \$5,000.00.

THE UNIVERSITY OF TEXAS AT AUSTIN
May 3, 1974

GRANTS, CONTRACTS, AND AGREEMENTS (STATE) (Cont'd.):

17. Interagency Cooperation Contract No. IAC (74-75)-0720, between The University of Texas at Austin (Balcones Research Center) and the Texas Highway Department, signed by Vice President James H. Colvin, whereby the Texas Highway Department agrees to furnish all materials, labor, equipment, supervision, and any other essential items necessary to provide a two course surface treatment to the parking lot located at Balcones Research Center. The contract period is from February 1, 1974 through August 31, 1974. Total amount of the contract is not to exceed \$4,000.00.

18. Interagency Cooperation Contract No. IAC (74-75)-0764, between The University of Texas at Austin (Division of Extension) and the Texas Water Quality Board, signed by Vice President James H. Colvin, whereby the University will provide four members of the Texas Water Quality Board staff a three day short course entitled, "Virus Survival in Water and Wastewater Systems". The contract period is from April 1, 1974 through April 3, 1974. Total amount of the contract is not to exceed \$180.00.

19. Interagency Cooperation Contract No. IAC (74-75)-0774, between The University of Texas at Austin (Thompson Conference Center) and the Governor's Committee on Aging, signed by Vice President James H. Colvin, whereby the University will provide services for the workshops and conferences to be held by the Research Utilization Project of the Governor's Committee on Aging. The contract period is from February 15, 1974 through June 30, 1974. Total amount of the contract is not to exceed \$1,000.00.

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL):

1. Facilities Contract F 04701-74-C-0300 dated 14 February 1974, between the Department of the Air Force and The University of Texas at Austin, supersedes and replaces without retroactive effect Facilities Contract F 04701-69-C-0327.
2. Modification AFOSR-72-2221E to Grant AFOSR-72-2221, by which the United States Air Force, Air Force Office of Scientific Research, Arlington, Virginia, extends the grant for the period January 1, 1974 through March 31, 1974, without additional funds. The research entitled, "Learning Control Applications to Thermo-nuclear Reactor Control," continues under the direction of Dr. Robert H. Flake, Associate Professor of Electrical Engineering.
3. Grant AFOSR-74-2660, by which the U.S. Air Force, Air Force Office of Scientific Research, Arlington, Virginia, provides \$56,500 (Travis County) for support of research entitled, "An Analysis of General Mixed Finite Element Approximations of Linear Boundary Value Problems in Mathematical Physics." The grant is effective for the period February 1, 1974 through January 31, 1975, and the research will be under the direction of Dr. J. Tinsley Oden, Professor of Aerospace Engineering and Engineering Mechanics.
4. Grant AFOSR-74-2658, by which the United States Air Force, Air Force Office of Scientific Research, Arlington, Virginia, provides \$50,483 (Travis County) for support of research entitled, "Policy Modeling Methodology." The grant is effective for the period January 1, 1974 through December 31, 1974, and the research will be under the direction of Dr. Gerald R. Wagner, Associate Professor of Mechanical Engineering.
5. Modification P00010 to Contract F33615-71-C-1350, by which the United States Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, makes certain administrative changes by incorporating Final DD Form 254 dated 7 December 1973 in lieu of any previous ones applicable to the contract. The research entitled, "Advanced Avionics Analysis and Evaluation Program," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
6. Modification P00002, Supplemental Agreement to Contract F 41609-73-C-0019, by which the U. S. Air Force, Aerospace Medical Division, Brooks Air Force Base, Texas, reduces the estimated cost of the contract by \$5,500 (Travis County) to a new total of \$33,806 for the current contract period effective March 19, 1973, through March 18, 1974. The research entitled, "Study on On-Line Information Communication System in an R&D Management Environment," continues under the direction of Dr. Wilson A. Judd and Dr. Harold F. O'Neil, Jr., Co-Directors, Laboratory for Computer-Assisted Instruction.
7. Modification P00002, Supplemental Agreement to Contract F 33615-73-C-4094, by which the United States Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, deletes from the contract the existing ASPR Clause entitled, "Insurance-Liability to Third Persons," and in lieu thereof incorporates a clause appropriate to The University of Texas at Austin. The research entitled, "ACTV/MAFLIR Flight Test Data Analysis," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL) - Cont'd:

8. Modification P00001, Supplemental Agreement to Contract F30602-74-C-0028, by which the United States Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, provides \$122,990 additional funds (Travis County) for the current contract period July 6, 1973 through June 29, 1974. The research entitled, "Development of a German to English Fully Automated Quality Translation System," continues under the direction of Dr. W. P. Lehmann, Ashbel Smith Professor of Linguistics and of Germanic Languages.
9. Modification P00001, Supplemental Agreement to Contract DAAH01-73-C-1016, by which the United States Army, Headquarters U. S. Army Missile Command, Redstone Arsenal, Alabama, extends the contract for the period January 1, 1974 through February 28, 1974, without additional funds. The research entitled, "Analysis of the Launch-Tube Flow-Field," continues under the direction of Dr. John J. Bertin, Associate Professor of Aerospace Engineering and Engineering Mechanics, and Dr. John C. Westkaemper, Associate Professor of Aerospace Engineering and Engineering Mechanics.
10. Modification P00002, Supplemental Agreement to Contract DACW64-73-C-0085, by which the United States Army Corps of Engineers, Galveston, Texas, provides \$2,646.37 additional funds (Travis County) for support of a project entitled, "Archeological, Historical and Cultural Resources, Inventories, and Evaluations for Eight Project Areas Along the Texas Gulf Coast," and extends the period for final completion through April 15, 1974. The project continues under the direction of David S. Dibble, Acting Director, Texas Archeological Survey.
11. Contract DAEA18-74-C-0224, by which the United States Army, Headquarters, Fort Huachuca, Arizona, provides \$10,543 (Travis County) for support of research entitled, "Noise Suppressing Transmission Lines." The contract is effective for the period February 26, 1974 through August 24, 1974, and the research will be under the direction of Dr. Melvin E. L. Oakes, Associate Professor of Physics.
12. Modification No. 06, Supplemental Agreement to Contract N00014-67-A-0126-0007, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, extends the contract through March 31, 1974, without additional funds. The research entitled, "Orbital Mechanics," continues under the direction of Dr. Victor Szebehely, Professor of Aerospace Engineering and Engineering Mechanics.
13. Modification No. 09, Supplemental Agreement to Contract N00014-67-A-0126-0008, by which the Office of Naval Research, Department of the Navy, Arlington, Virginia, provides \$70,000 additional funds (Travis County) and extends the contract for the period November 1, 1973 through December 31, 1974. The research entitled, "Multi-Disciplinary Aspects of Personnel Assignment Techniques," continues under the direction of Dr. Abraham Charnes, Professor of General Business.
14. Modification No. 09, Supplemental Agreement to Contract N00014-67-A-0126-0009, by which the Department of the Navy, Office of Naval Research, Arlington, Virginia, provides \$32,500 additional funds (Travis County) and extends the contract for the period January 1, 1974 through December 31, 1974. The research entitled, "Temporal Planning and Management Decision under Risk and Uncertainty," continues under the direction of Dr. Abraham Charnes, Professor of Business.

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL) - Cont'd:

15. Assignment of Patent Rights, by which the University transfers to the Department of the Navy all right, title and interest in and to an invention entitled, "A Thermo-optic Sonar System" (Navy Case No. 57,144). The invention resulted from research under Department of the Navy Contract N00014-70-A-0166-0015 [Peter J. Westervelt; Richard S. Larson; Thomas G. Muir, Jr.] under the direction of Dr. Chester M. McKinney, Jr., Director, Applied Research Laboratories.
16. Modification P00008 to Contract N62306-70-C-0361, by which the Department of the Navy, Naval Oceanographic Office, Washington, D. C., deobligates \$204,56 funds balance remaining in the contract on completion 5 October 1971. The research entitled, "Bottom Topography Survey System (BOTOSS)," was performed by Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
17. Modification P00003 to Contract N62399-71-C-0014, by which the Department of the Navy, Civil Engineering Laboratory, Port Nueneme, California, makes certain administrative changes to the accounting data cited in the contract. The research entitled, "Dynamic Behavior and Resistance of Prestressed Split-Beams," was performed under the direction of Dr. Ned P. Burns, Professor of Civil Engineering.
18. Modification P00010 to Contract N00024-72-C-1127, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., provides for no-cost extension of the contract through May 31, 1974. The research entitled, "Naval Shipyard and Transducer Repair Facility (TRF) Technical Support," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
19. Modification P00007 to Contract N00024-72-C-1380, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., makes certain administrative changes to amend Modification P00003 without changing the estimated cost or period of performance. The research entitled, "Nonlinear Acoustics Sonar Development," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
20. Modification P00008, Supplemental Agreement to Contract N00024-72-C-1380, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., provides \$27,043 additional funds (Travis County) and increases the total estimated cost to \$357,260 for the current contract period effective June 30, 1972 through February 28, 1975. The research entitled, "Nonlinear Acoustics Sonar Development," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
21. Modification P00002 to Contract N00024-73-C-1067, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., extends the period of the contract through June 4, 1974, without additional funds. The research entitled, "Electro-Acoustic Jammer Study," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL) - Cont'd:

22. Modification P00004 to Contract N00024-73-C-1070, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., extends the period of the contract through May 31, 1974, without additional funds. The research entitled, "Active Sonar Classification Study," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
23. Modification P00012 to Contract N00024-73-C-1127, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., provides \$30,288 and increases total funding to \$909,288 against the \$999,500 awarded for the current contract period February 1, 1973 through September 30, 1974. The research entitled, "Naval Shipyard and TRF Sonar Support and Assistance," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
24. Modification P00007, Administrative Change to Contract N00123-73-C-1370, by which the Department of the Navy, Naval Regional Procurement Office, Long Beach, California (formerly Naval Regional Procurement Office, Los Angeles), changes the contract sponsor from Pacific Missile Range, Point Mugu, California, to Defense Mapping Agency Topographic Center, Department of Defense, Washington, D. C., and changes the number of the contract to DMA 800-74-C-0086. The Doppler Tracking System Operation continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
25. Modification P00003 to Contract N00024-74-C-1069, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., provides \$20,000 and increases total funding to \$1,385,260 against the \$3,166,000 awarded with the contract for the period September 27, 1973 through March 26, 1975. The mobile sonar technologies development continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
26. Modification P00002, Supplemental Agreement to Contract N60530-74-C-5002, by which the Department of the Navy, Naval Weapons Center, China Lake, California, extends the contract through October 31, 1974, without additional funds. The research entitled, "SDV Doppler Navigation Systems and Test Sets Technical Support," continues in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
27. Contract/Purchase Order N60530-74-C-5132, by which the Department of the Navy, Naval Weapons Center, China Lake, California, provides \$3,586 (Travis County) for support of AN/WQS-1 Maintenance Training. This fixed fee contract is effective for the period February 14, 1974 through March 31, 1974, and the training program will be performed in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
28. Contract N60921-74-C-0217, by which the Department of the Navy, Naval Ordnance Laboratory, White Oak, Silver Spring, Maryland, provides \$350,000 (Travis County) for support of continuing research entitled, "Acoustic Mine Mechanism Research and Development." The contract is effective for the period March 8, 1974, through March 7, 1975, and work performance will continue in Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL) - Cont'd:

29. Modification No. 1 to Contract AT-(40-1)-4478, by which the Atomic Energy Commission, Oak Ridge, Tennessee, provides \$160,000 additional funds (Travis County) for the current contract period July 1, 1973 through June 30, 1974. Task C (\$140,000) is to be under direction of Dr. H. H. Woodson, Department Chairman and Professor of Electrical Engineering, and Dr. H. G. Rylander, Professor of Electrical Engineering. Task D (\$20,000) is to be under direction of Dr. John H. Vanston, Jr., Assistant Professor of Mechanical Engineering. The project entitled, "Texas Turbulent Torus Experiment," continues under the direction of Dr. William E. Drummond, Professor of Physics.
30. Modification No. 5 to Contract AT-(40-1)-3871, by which the U.S. Atomic Energy Commission, Oak Ridge Operations, Oak Ridge, Tennessee, provides \$12,500 additional funds (Travis County) and extends the contract for the period November 15, 1973 through February 14, 1974. The research entitled, "Ion Resonance Heating Studies," continues under the direction of Dr. D. Gary Swanson, Associate Professor of Electrical Engineering.
31. Modification No. 3S, Supplemental Agreement to Contract NAS 9-12568, by which National Aeronautics and Space Administration, Lyndon B. Johnson Space Center, Houston, Texas, provides \$27,000 additional funds (Travis County) for support of operation, maintenance, and analysis related to a data storage unit at McDonald Observatory. The contract period (effective 1 February 1972 through 31 May 1974) remains unchanged and performance continues under the direction of Dr. David L. Lambert, Associate Professor of Astronomy, and Dr. Thomas G. Barnes III, Assistant Professor of Astronomy.
32. Contract NAS 5-21982, by which National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, provides \$95,000 (Travis County) for support of research entitled, "Participation in the Millimeter Wave Experiment of the ATS-F Satellite." The contract is effective for the period February 13, 1974, through July 31, 1975, and of the total award there is currently allotted \$75,000 for the period ending August 31, 1974. The research will be under the direction of Dr. A. W. Straiton, Ashbel Smith Professor of Electrical Engineering, and Dr. Bob M. Fannin, Associate Professor of Electrical Engineering.
33. Modification No. 5C, Change Order to Contract NAS 9-13176, by which National Aeronautics and Space Administration, Lyndon B. Johnson Space Center, Houston, Texas, provides \$100,000 in funds toward the \$240,837 awarded under Modification 3S, bringing total funding under the contract to \$375,200 through August 15, 1974. The current contract period remains October 2, 1972 through December 31, 1974, and the research entitled, "Ultraviolet Stellar Astronomy," continues under the direction of Dr. Karl Henize, Adjunct-Professor of Astronomy.
34. Amendment No. 1 to Cooperative Agreement No. 12-14-7001-111, by which the U. S. Department of Agriculture, Agricultural Research Service, Southern Region, New Orleans, Louisiana, provides \$10,000 additional funds (Travis County) and extends the agreement for the period July 1, 1975 through June 30, 1976. The research entitled, "Biochemical Genetics of Screwworms in Nature and the Genetic Effects of Laboratory Colonization and Mass-Rearing of Screwworms," continues under the direction of Dr. Guy L. Bush, Associate Professor of Zoology.

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35. Change Order No. 4 to Contract No. 14-10-7-931-25, by which the U. S. Department of the Interior, National Park Service, Southwest Region, Santa Fe, New Mexico, extends the contract through December 31, 1974, without additional funds. The archeological studies (Amistad International Reservoir Basin) continue under the direction of David S. Dibble, Acting Director, Texas Archeological Survey.
36. Change Order No. 4 to Contract No. 14-10-7-931-44, by which the U. S. Department of the Interior, National Park Service, Santa Fe, New Mexico, extends the contract through December 31, 1974, without additional funds. The test excavations at selected archeological sites in the Wallisville Reservoir, Texas area continue under the direction of David S. Dibble, Acting Director, Texas Archeological Survey.
37. Change Order No. 3 to Contract No. 14-10-7-931-39, by which the U. S. Department of the Interior, National Park Service, Southwest Region, Santa Fe, New Mexico, extends the contract through December 31, 1974, without additional funds. The Amistad International Reservoir Basin archeological investigations continue under the direction of David S. Dibble, Acting Director, Texas Archeological Survey.
38. Change Order No. 4 to Contract No. 14-10-7-931-41, by which the U. S. Department of the Interior, National Park Service, Southwest Region, Santa Fe, New Mexico, extends the contract through December 31, 1974, without additional funds. The archeological studies (North Fork Reservoir, San Gabriel River) continues under the direction of David S. Dibble, Acting Director, Texas Archeological Survey.
39. Contract CX 700040146, by which the U. S. Department of the Interior, National Park Service, Southwest Region, Santa Fe, New Mexico, provides \$15,000 (Travis County) for support of a project entitled, "Research Studies at Padre Island." The contract is effective for the period February 28, 1974 through May 1, 1975, and the studies will be under the direction of Dr. Ned P. Smith, Assistant Professor of Civil Engineering, and Dr. E. William Behrens, Associate Professor of Geological Sciences, Marine Science Institute at Port Aransas.
40. Amendment No. 1 to Grant R802207, by which the U. S. Environmental Protection Agency, Washington, D. C., extends the grant through July 14, 1974, without additional funds. The research entitled, "Biological Countermeasures to Mitigate the Effects of Hazardous Material Spills," continues under the direction of Dr. Neal E. Armstrong, Associate Professor of Civil Engineering.
41. Amendment No. 1 to Grant No. 14-31-0001-9088, by which the U. S. Department of the Interior, Office of Water Resources Research, Washington, D. C., provides \$55,767 additional funds (Travis County) and extends the grant for the period February 1, 1974 through June 30, 1975. The research entitled, "Technique for Projecting Alternative Futures for Water Resources Planning and for Estimating Flood Flow Frequencies," continues under the direction of Leo R. Beard, Technical Director, Center for Research in Water Resources.

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GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL) - Cont'd:

42. Amendment No. 2 to Grant No. 61202 — Action No. 1, by which the Office of Economic Opportunity, Washington, D. C., extends the grant through May 31, 1974, without additional funds. The research entitled, "Income Change, Poverty Reduction and Labor Mobility in Non-Metropolitan Areas," continues under the direction of Dr. Niles M. Hansen, Professor of Economics.
43. Modification No. 8, Supplemental Agreement to Contract No. 81-46-70-24, by which the U. S. Department of Labor, Manpower Administration, Washington, D. C., extends the period of the grant through March 1, 1974, without additional funds. The research entitled, "Negro Employment in the South: Minority Construction Contractors," continues under the direction of Dr. F. Ray Marshall, Professor of Economics.
44. Amendment No. 2 to Contract L-73-146, by which the U. S. Department of Labor, Office of Administrative Services, Washington, D. C., extends the contract through February 28, 1974, without additional funds. The Regional Conference on Public Employee Relations for the States of Arkansas, Louisiana and Texas conducted in the LBJ School of Public Affairs continues under the direction of Lynn F. Anderson, Associate Professor of Finance and of Public Affairs.
45. Amendment No. 2 to Grant SBA 406-72-GR-45, by which the Small Business Administration, Washington, D. C., extends the grant through March 31, 1974, without additional funds. The project entitled, "On-Call Business Management Consulting Service," continues under the direction of Mr. Seymour Schwartz, Assistant Dean, College of Business Administration.
46. Amendment No. 2 to Grant AID-12-587, by which the Department of State, U.S. Agency for International Development, Washington, D. C., extends the grant through June 30, 1974, without additional funds. The program of assistance to certain Brazilian nationals to pursue graduate level studies and research in fields related to social and economic development in Latin America continues to be coordinated by Dr. Joe W. Neal, Director, International Office.
47. Grant K04-ES 70088-03, Development Award—Research Career Program, which the Department of Health, Education, and Welfare, Public Health Service, National Institute of Environmental Health Sciences, National Institutes of Health, Bethesda, Maryland, provides \$25,000 (Travis County) for support of research entitled, "Mechanisms of Enzymatic Oxygen Fixation." The grant is effective for the period April 1, 1974 through March 31, 1975, and the research continues under the direction of Dr. L. Joe Berry, Professor of Microbiology (Sponsor) and Dr. David T. Gibson, Associate Professor of Microbiology (Awardee).
48. Grant T01 GM00600-14S1, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, provides \$13,085 additional funds (Travis County) for the period March 1, 1974, through June 30, 1974, within the current budget period July 1, 1973 through June 30, 1974. The total project period is July 1, 1970 through June 30, 1976, and the training program in microbiology continues under the direction of Dr. Orville Wyss, Professor of Microbiology.

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49. Grant T01 GM00337-14S1, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, provides \$22,864 additional funds (Travis County) for the period March 1, 1974 through June 30, 1974, within the current budget period of July 1, 1973 through June 30, 1974. The total project period is July 1, 1970 through June 30, 1976, and the training program entitled, "Genetics and Cell Biology," continues under the direction of Dr. Robert P. Wagner, Professor of Zoology.
50. Grant AM15818-03, by which the Department of Health, Education, and Welfare, Public Health Service National Institute of Arthritis, Metabolism and Digestive Diseases, Bethesda, Maryland, provides \$30,248 for support of research entitled, "Genetic Enzyme Variants Uric Acid and Lipids," for the period April 1, 1974 through March 31, 1975. The total project period is April 1, 1972 through March 31, 1976, and the research continues under the direction of Dr. Walter K. Long, Lecturer in Zoology.
51. Grant GM19331-01, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, provides \$31,500 (Travis County) for support of research entitled, "Chromosome and Gene Activity in Sciaridae," for the period April 1, 1974 through March 31, 1975. The total project period is April 1, 1974 through March 31, 1979, and the research will be under the direction of Dr. Crodowaldo Pavan, Professor of Zoology.
52. Grant GM19651-01, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, provides \$10,919 (Travis County) for support of research entitled, "Thermometric Methods of Clinical Analysis," for the period February 1, 1974, through January 31, 1975. The total project period is February 1, 1974 through January 31, 1977, and the research will be under the direction of Dr. Neil D. Jespersen, Assistant Professor of Chemistry.
53. Grant GM19770-02, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, provides \$19,895 (Travis County) for support of research entitled, "Prezygotic Selection in Human Population," for the period April 1, 1974, through March 31, 1975. The total project period is April 1, 1974, through March 31, 1976, and the research will be under the direction of Dr. Yuichiro Hiraizumi, Professor of Zoology.
54. Grant GM20148-01, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of General Medical Sciences, Bethesda, Maryland, provides \$21,086 (Travis County) for support of research entitled, "The Biochemistry of Membrane Assembly and Stability," for the period April 1, 1974 through March 31, 1975. The total project period is April 1, 1974 through March 31, 1979, and the research will be under the direction of Dr. Guy A. Thompson, Associate Professor of Botany.
55. Grant HD06481-03, by which the Department of Health, Education, and Welfare, Public Health Service, National Institute of Child Health and Human Development, Bethesda, Maryland, provides \$39,031 (Travis County) for support of research entitled, "RNA and Protein Synthesis in the Mammalian Oviduct," for the period February 1, 1974 through January 31, 1975. The total project period is February 1, 1972 through January 31, 1975, and the research continues under the direction of Dr. Terrell H. Hamilton, Professor of Zoology.

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56. Revised Grant RR00729-02, by which the Department of Health, Education, and Welfare, Public Health Service, Division of Research Resources, Bethesda, Maryland, allows for transfer of \$918.00 direct costs and \$184.00 indirect costs from previous year's budget; however, the total amount of the award remains \$35,000 for the period October 1, 1973 through September 30, 1974. The total project period is October 1, 1972 through September 30, 1977, and the research entitled, "The Drosophila Species Facility-Austin, Texas," continues under the direction of Dr. R. H. Richardson, Associate Professor of Zoology.

57. Biomedical Sciences Support Grant RR 07091-08S1, by which the Department of Health, Education, and Welfare, Public Health Service, Division of Research Resources, Bethesda, Maryland, provides \$56,618 additional funds (Travis County) for the current period June 1, 1973 through May 31, 1974, as supplementary funds for support of the biomedical sciences support program coordinated in the Graduate School under the direction of Dr. H. Eldon Sutton, Associate Dean of Graduate Studies.

58. Grant GA-41648, by which the National Science Foundation, Washington, D. C., provides \$38,500 for support of research entitled, "Variations in Stable Carbon and Oxygen Isotope Ratios in Biogeochemical Systems." The grant is effective for the period January 15, 1974 through June 30, 1975, and the research will be under the direction of Dr. Patrick L. Parker, Associate Professor of Chemistry.

59. Grant GB-42239, by which National Science Foundation, Washington, D. C., provides \$1,600 (Travis County) for support of Doctoral Dissertation research entitled, "Comparative Ecology of Parthenogenetic and Bisexual Species of Cnemidophorus." The grant is effective for the period April 1, 1974 through September 30, 1975, and the research will be performed by Joseph J. Schall (Candidate) under the direction of Dr. Eric R. Pianka, Associate Professor of Zoology (Advisor).

60. Grant GJ-41326, by which National Science Foundation, Washington, D. C., provides \$6,100 (Travis County) for support of a project entitled, "NATS II- Production, Certification, and Dissemination of Mathematical Software." The grant is effective for the period December 15, 1973 through May 31, 1976, and the research will be under the direction of Dr. David M. Young, Jr., Professor of Mathematics and of Computer Sciences.

61. Amendment No. 1 to Grant GK-26062, by which National Science Foundation, Washington, D. C., extends the period of the grant through August 31, 1974, without additional funds. The research entitled, "Nondestructive Assay of Special Nuclear Materials by Fission Gamma Ray Analysis Using a Californium-252 Neutron Source," continues under the direction of Dr. Gardner D. Atkinson, Jr., Research Engineer/Scientist Associate V, Nuclear Reactor Teaching Laboratory, Mechanical Engineering.

62. Amendment No. 2 to Grant GP-23566, by which National Science Foundation, Washington, D. C., provides \$13,800 additional funds (Travis County) and extends the grant for the period January 1, 1974 through June 30, 1975. The research entitled, "Approximation Theory and Functional Analysis," continues under the direction of Dr. George G. Lorentz, Professor of Mathematics.

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63. Amendment No. 3 to Grant GP-32051, by which National Science Foundation, Washington, D. C., provides \$29,900 additional funds (Travis County) for the current grant period January 1, 1973, through August 31, 1974. The research entitled, "Stellar Evolution and Nucleosynthesis," continues under the direction of Dr. W. David Arnett, Associate Professor of Astronomy, and Dr. David N. Schramm, Assistant Professor of Astronomy.
64. Amendment No. 1 to Grant GK-34046, by which National Science Foundation, Washington, D. C., extends the grant through August 31, 1974, without additional funds. The research entitled, "Effect of Effluent and Influent Seepage on Sediment Motion," continues under the direction of Dr. Walter L. Moore, Professor of Civil Engineering.
65. Amendment No. 2 to Grant GP-23738, by which National Science Foundation, Washington, D. C., extends the grant through February 28, 1974, without additional funds. The research entitled, "Non-Linear Lower Hybrid Waves," continues under the direction of Dr. Melvin E. Oakes, Associate Professor of Physics.
66. Amendment No. 4 to Grant GP-27178, by which National Science Foundation, Washington, D. C., provides \$119,500 additional funds (Travis County) and extends the grant for the period January 1, 1974 through June 30, 1975. The research entitled, "Oblique Collisionless Shock Waves in Plasmas," continues under the direction of Dr. William E. Drummond, Professor of Physics.
67. Amendment No. 3 to Grant GP-29638, by which National Science Foundation, Washington, D. C., provides \$140,600 additional funds (Travis County) and extends the grant for the period March 1, 1974 through August 31, 1975. The research entitled, "Extragalactic and Solar System Radio Astronomy," continues under the direction of Dr. James N. Douglas, Professor of Astronomy.
68. Amendment No. 1 to Grant GP-36706, by which National Science Foundation, Washington, D. C., provides \$29,500 additional funds (Travis County) and extends the grant for the period February 15, 1974 through February 14, 1975. The research entitled, "Improved Measurement of Gravitational Light-Deflection Effect," continues under the direction of Dr. Harlan J. Smith, Professor of Astronomy, and Dr. Bryce DeWitt, Professor of Physics.
69. Amendment No. 1 to Grant GP-37480X, by which National Science Foundation, Washington, D. C., provides \$33,200 additional funds (Travis County) and extends the grant for the period March 1, 1974 through August 31, 1975. The research entitled, "Spectroscopic Observations of Quasi-Stellar Radio Sources," continues under the direction of Dr. Derek Wills, Assistant Professor of Astronomy, and Dr. Beverley Wills, Research Scientist Associate V, Department of Astronomy.
70. Grant GP-41655X, by which National Science Foundation, Washington, D. C., provides \$34,800 (Travis County) for support of research entitled, "The Role of Gravitation in Physics." The grant is effective for the period January 15, 1974 through June 30, 1975, and the research will be under the direction of Dr. Bryce S. DeWitt, Professor of Physics.
71. Grant GP-41796, by which National Science Foundation, Washington, D. C., provides \$52,700 (Travis County) for support of research entitled, "Investigation of Flare Stars." The grant is effective for the period February 15, 1974 through July 31, 1975, and the research will be under the direction of Dr. David S. Evans, Professor of Astronomy.

THE UNIVERSITY OF TEXAS AT AUSTIN

May 3, 1974

GRANTS, CONTRACTS, AND AGREEMENTS (FEDERAL) - Cont'd:

72. Grant GP-41853, by which National Science Foundation, Washington, D. C., provides \$3,900 (Travis County) for support of a conference entitled, "Electrography in Astronomy." The grant is effective for the period February 15, 1974 through January 31, 1975, and the conference will be under the direction of Dr. Harlan J. Smith, Professor of Astronomy, and Director, McDonald Observatory.

73. Amendment No. 1 to Grant GS-31890, by which National Science Foundation, Washington, D. C., extends the grant through December 31, 1974, without additional funds. The research entitled, "Implications of a Theory of Self-Awareness," continues under the direction of Dr. Robert A. Wicklund, Associate Professor of Psychology.

74. Modification No. 1 to Grant GS-37977X, by which National Science Foundation, Washington, D. C., provides \$36,700 additional funds (Travis County) and extends the grant for the period May 1, 1974 through October 31, 1975. The research entitled, "Collaborative Research on Determinants of Reactions to Stigmatized Groups," continues under the direction of Dr. David C. Glass, Professor of Psychology.

75. Amendment No. 1 to Grant GS-40110, by which National Science Foundation, Washington, D. C., provides \$4,200 additional funds (Travis County) for the current grant period September 1, 1973, through February 29, 1976. The research entitled, "Program of Speech Research," continues under the direction of Dr. Peter F. MacNeilage, Associate Professor of Linguistics and of Psychology.

76. Grant GW-8566, by which National Science Foundation, Washington, D. C., provides \$20,308 (Travis County) for support of "An Implementation Project in Secondary School Science." The grant is effective for the period March 1, 1974 through September 30, 1974, and the project will be under the direction of Dr. Rolland B. Bartholomew, Assistant Professor of Geological Sciences.

77. Grant GW-8584, by which National Science Foundation, Washington, D. C., provides \$17,481 (Travis County) for support of "An Implementation Project in Secondary School Science." The grant is effective for the period March 1, 1974 through August 31, 1975, and the project will be under the direction of Dr. Addison Lee, Director, Science Education Center.

78. Grant GP-42184, by which National Science Foundation, Washington, D. C., provides \$2,100 (Travis County) for support of research entitled, "Electrographic Observations and UVB Imagery of Extragalactic Objects." The grant is effective for the period April 1, 1974 through September 30, 1975, and the research will be under the direction of Dr. Guido Chincarini, Research Scientist Associate V, Department of Astronomy.

THE UNIVERSITY OF TEXAS AT AUSTIN
AMENDMENTS TO THE 1973-74 OPERATING BUDGET
BOARD OF REGENTS MEETING - MAY 3, 1974

The term "rate" for academic personnel is the full-time nine-month base rate; for classified personnel it is the full-time twelve-month rate, the appointee receiving a proportionate amount depending upon the fraction of time for which he is appointed and the period of his appointment. Source of funds for payment of salaries, unless otherwise shown, is the departmental salaries account.

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No.</u>	<u>Rate</u>
			<u>Mos.</u>	

GENERAL ADMINISTRATION AND STUDENT SERVICES

Office of Accounting - Registration

Transfer Between Dissimilar Appropriations

1. Amount of Transfer - \$ 5,916
 - To: Classified Personnel - \$ 616
 - Wages - \$ 5,300
 - From: Maintenance and Operation

To provide for a merit increase for a member of the classified staff and for additional part-time help needed in connection with preregistration and registration.
 (RBC# 1750)

Student Financial Aids

Interdepartmental Transfer

2. Amount of Transfer - \$ 2,257
 - To: Student Financial Aids - Maintenance and Operation
 - From: Office of the Vice President for Student Affairs-
 Development of Student Services

Funds were used to provide additional and improved telephone equipment in the Student Financial Aids Office.
 (RBC# 1994)

Transfer Between Dissimilar Appropriations

3. Amount of Transfer - \$ 4,956
 - To: Classified Personnel
 - From: Administrative and Professional Salaries

Reallocation of available salary funds to provide for an additional classified position in the office.
 (RBC# 1995, 1777)

International Office

Transfer of Funds

4. Amount of Transfer - \$ 3,283
 - To: International Office - Wages - (\$2,500)
 - International Office - Maintenance and Operation - (\$783)
 - From: Unallocated Maintenance and Operation

To return to the International Office 85% of the tuition and fees paid by the five participants in the Korean Engineering Program and the fourteen participants in the International Teacher Program, Fall, 1973. A 15 percent overhead charge has been retained. These funds were deposited to General Budget Income but are needed now by the International Office in their accounts from which expenses incurred by the programs were paid.
 (RBC# 1941)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>GENERAL INSTITUTIONAL EXPENSES</u>				
<u>Longhorn Bands</u>				
Appointment				
Assistant Director				
5. John Hammerle	6/1 - 8/31	100	9	\$ 10,000
Source of Funds: Transfer from departmental Classified Salaries account to Administrative and Professional Salaries account.				
Academic Status: Instructor (Music) (RBC# 853, 1976)				
<u>Official Publications</u>				
Transfer of Funds				
6. Amount of Transfer - \$10,000	To: Official Publications - Maintenance and Operation			
	From: Unallocated Maintenance and Operation			
Funds were needed for printing 10,000 copies of the Graduate School Catalogue. (RBC# 1895)				
<u>University Supply and Mail Service, Central Duplicating and Jester Center Store</u>				
Salary Increase				
Manager, University Supply and Mail Service				
7. Felton L. Aime				
To:	9/1 - 1/31	100	12	16,000
	2/1 - 8/31	100	12	17,800
From:	9/1 - 8/31	100	12	16,000
Rate Increase			<u>12</u>	<u>1,800</u>
Source of Funds: University Supply and Mail Services - General Budget Funds 53%; Central Duplicating - Revolving Funds 23%; Jester Center Store - Auxiliary Enterprises Funds 24% (RBC# 1922, 1921, 1919)				
<u>University News and Information Service</u>				
Transfer of Funds				
8. Amount of Transfer - \$ 2,775	To: University News and Information Service - Special Equipment			
	From: Unallocated Special Equipment			
Funds were used for photographic equipment. (RBC# 1894)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

GENERAL INSTITUTIONAL EXPENSES (Continued)Office of Research Management

Interdepartmental Transfer

9. Amount of Transfer - \$ 432

To: Office of Research Management - Classified Personnel

From: Office of Sponsored Projects - Classified Personnel

Reallocation of salary funds within this area.
(RBC# 1909)

SCHOOL OF ARCHITECTURE

Change of Status

Assistant Professor

10. Leslie M. Gallery (Non-tenure)

To:	9/1 - 1/15	50	9	\$ 12,000
	1/16 - 5/31	70		

From:	9/1 - 5/31	50	9	12,000
(RBC# 1827)				

Resignation

Professor (Modified Service)

11. Philip D. Creer (Non-tenure)

9/1 - 12/31	33	9	20,300
1/1 - 1/15	LWOP	9	(20,300)
1/16 - 5/31	LWOP	9	(21,000)

Date of Resignation 12/31/73
(RBC# 1792)

Transfer of Funds

12. Amount of Transfer - \$ 6,977

To: School of Architecture - Faculty Salaries

From: Dean's Reserve for Faculty Salaries

To provide for salaries of Visiting Professors who will be teaching during the Spring Semester.
(RBC# 1766)

COLLEGE OF HUMANITIESClassics

Reappointment

Visiting Professor

13. Lucy S. Meritt (Non-tenure) 1/16 - 5/31 16 9 22,400

Source of Funds: Transfer
from the Dean's Reserve

Previous appointment was at
the same rate.

(RBC# 1975, 1794, 1712)

Transfer Between Dissimilar Appropriations

14. Amount of Transfer - \$ 200

To: Wages

From: Computation Center Charge

Funds were needed for student assistants for the Spring Semester.
(RBC# 1988)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF HUMANITIES (Continued)</u>				
<u>English</u>				
Appointment				
Lecturer				
15. Alain Blayac (Non-tenure)	1/16 - 5/31	100	9	\$ 14,000
Source of Funds: Transfer from Unallocated Faculty Salaries. (RBC# 1786, 1843)				
Assistant Instructor				
16. Jo Ella O. Doggett (Non-tenure)	1/16 - 5/31	50	9	8,000
Source of Funds: Transfer from Unallocated Faculty Salaries. (RBC# 1799, 1843)				
Resignation				
Assistant Instructor				
17. Jerry B. Matthews (Non-tenure)	9/1 - 5/31	50	9	8,400
Date of Resignation (RBC# 1916) 1/15/74				
Assistant Instructor				
18. Reinhard Sander (Non-tenure)	9/1 - 5/31	50	9	8,700
Date of Resignation (RBC# 1917) 1/21/74				
<u>French and Italian</u>				
Transfer of Funds				
19. Amount of Transfer - \$ 4,600	To: French and Italian - Teaching Assistants			
	From: Dean's Reserve			
To provide Teaching Assistants needed by this department for the Spring Semester. (RBC# 1745, 1804, 1868)				
<u>Germanic Languages</u>				
Reappointment				
Instructor				
20. Birgitta E. Johansson	1/16 - 5/31	33	9	9,000
Source of Funds: Transfer from Unallocated Faculty Salaries.				
Previous appointment was at the same rate. (RBC# 1974, 2032)				
<u>Oriental and African Languages and Literatures</u>				
Transfer Between Dissimilar Appropriations				
21. Amount of Transfer - \$ 300	To: Wages			
	From: Computation Center Charge			
Funds were needed for an Academic Assistant to assist with a course in Swahili. (RBC# 1748)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF HUMANITIES (Continued)</u>				
<u>Philosophy</u>				
Appointment				
Lecturer				
22. Charles H. Kahn (Non-tenure)	2/4 - 2/22	100	9	\$ 18,000
Source of Funds: Transfer from Unallocated Faculty Salaries. (RBC# 1954, 2033)				
<u>Spanish and Portuguese</u>				
Appointment				
Lecturer				
23. Angel Gonzales (Non-tenure)	1/16 - 5/31	100	9	18,000
Source of Funds: Transfer from Unallocated Faculty Salaries. (RBC# 1953, 2034)				
Reappointment				
Visiting Professor				
24. Patricia O'Conner (Non-tenure)	1/16 - 5/31	67	9	20,000
Source of Funds: Transfer from Unallocated Faculty Salaries. Previous appointment was at the same rate. (RBC# 1844, 1798)				
<u>COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES</u>				
<u>Anthropology</u>				
Appointment				
Visiting Associate Professor				
25. Olga F. Linares (Non-tenure)	1/16 - 5/31	100	9	18,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2035, 1952)				
Interdepartmental Transfer				
26. Amount of Transfer - \$ 327	To: Anthropology - Wages			
	From: Office of the Dean, General and Comparative Studies - Wages			
Funds were needed for a grader for an Anthropology faculty member who is teaching a Social Science (Plan II) course during the Spring Semester. (RBC# 1865)				
Transfer of Funds				
27. Amount of Transfer - \$ 1,500	To: Anthropology - Teaching Assistants			
	From: Dean's Reserve for Faculty Salaries			
To provide for a one-half time Teaching Assistant needed to staff an Anthropology 302 course for the Spring Semester. (RBC# 1866)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES (Continued)

Geography

Interdepartmental Transfer

28. Amount of Transfer - \$ 480

To: Geography - Travel

From: Office of the Dean, College of Social and Behavioral Sciences - Travel

Reallocation of Travel funds within this college to provide funds needed for departmental travel expenses.

(RBC# 1806)

Geography and LBJ School of Public Affairs

Appointment

Assistant Professor

29. Katherine P. Burnett (Non-tenure)

Geography

1/16 - 5/31

49

9

\$ 14,500

Source of Funds: Transfer from Unallocated Faculty Salaries

LBJ School of Public Affairs - Ford Foundation Grant Funds (RBC# 1763, 1831, 1898)

1/16 - 5/31

51

9

14,500

History

Interdepartmental Transfer

30. Amount of Transfer - \$ 770

To: History - Wages

From: Office of the Dean, College of Social and Behavioral Sciences - Wages

To provide for the services of a temporary clerk-typist.

(RBC# 1893)

Transfer of Funds

31. Amount of Transfer - \$ 1,000

To: History - Visiting Lecturers

From: Office of the Dean, College of Social and Behavioral Sciences - Visiting Lecturers

To provide for stipends of two Visiting Lecturers for the History Department for the Spring Semester.

(RBC# 1998)

COLLEGE OF NATURAL SCIENCES

Biological Sciences

Transfer of Funds

32. Amount of Transfer - \$ 2,500

To: Biological Sciences - Special Equipment

From: Office of the Dean, College of Natural Sciences - Special Equipment

To provide special equipment needed for Biology 205 and Biology 206.

(RBC# 1864)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF NATURAL SCIENCES (Continued)</u>				
<u>Biological Sciences (Continued)</u>				
Transfer Between Dissimilar Appropriations				
33. Amount of Transfer - \$ 1,500				
To: Wages				
From: Maintenance and Operation				
Funds were used for a clerk-typist needed by the Graduate Studies Committee in Biological Sciences. (RBC# 1989)				
<u>Botany</u>				
Transfer of Funds				
34. Amount of Transfer - \$ 2,000				
To: Botany - Faculty Salaries				
From: Unallocated Faculty Salaries				
Funds were needed for Spring faculty appointments. (RBC# 2036)				
<u>Chemistry</u>				
Appointment				
Instructor (Spring, 1974 Only)				
35. William Seitz (Non-tenure)	1/16 - 5/31	---	--	---
(RBC# 1961)				
Transfer of Funds				
36. Amount of Transfer - \$ 33,626				
To: Chemistry - Teaching Assistants				
From: Unallocated Faculty Salaries				
Funds were needed for Teaching Assistants for the Spring Semester. (RBC# 1845)				
37. Amount of Transfer - \$ 900				
To: Chemistry - Visiting Lecturers				
From: Office of the Dean, College of Natural Sciences - Visiting Lecturers and Consultants (\$200)				
Chemistry - Travel (\$700)				
To provide stipends for several visiting lecturers for the Spring Semester. (RBC# 1982, 1996)				
<u>Computer Sciences</u>				
Appointment				
Visiting Associate Professor				
38. Sanat K. Basu (Non-tenure)	1/16 - 5/31	100	9	\$ 16,000
Source of Funds: Transfer from Unallocated Faculty Salaries. (RBC# 1960, 2037)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF NATURAL SCIENCES (Continued)</u>				
<u>Computer Sciences (Continued)</u>				
Resignation				
Lecturer				
39. Rolf A. Stachowitz (Non-tenure)	9/1 - 5/31	33	9	\$ 16,668
Date of Resignation	1/15/74			
(RBC# 1970)				
Transfer of Funds				
40. Amount of Transfer - \$ 14,351				
To: Computer Sciences - Teaching Assistants				
From: Unallocated Teaching Salaries				
To provide for Teaching Assistants needed by this department to staff Spring course offerings. (RBC# 1846)				
<u>Geological Sciences</u>				
Transfer of Funds				
41. Amount of Transfer - \$ 9,275				
To: Geological Sciences - Teaching Assistants				
From: Unallocated Faculty Salaries				
Funds were used for Teaching Assistants needed for the Spring Semester. (RBC# 1847)				
<u>Home Economics</u>				
Transfer of Funds				
42. Amount of Transfer - \$ 7,567				
To: Home Economics - Teaching Assistants				
From: Unallocated Faculty Salaries				
To provide for the salaries of Teaching Assistants needed for the Spring Semester. (RBC# 1848)				
<u>Mathematics</u>				
Appointment				
Visiting Professor				
43. Oved Shisha (Non-tenure)	1/16 - 5/31	100	9	\$ 22,000
Source of Funds: Transfer from Unallocated Faculty Salaries. (RBC# 1959, 2038)				
Transfer of Funds				
44. Amount of Transfer - \$ 14,464				
To: Mathematics - Teaching Assistants				
From: Unallocated Faculty Salaries				
Funds were used for Teaching Assistants needed for the Spring Semester. (RBC# 1849)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF NATURAL SCIENCES (Continued)</u>				
<u>Mathematics (Continued)</u>				
Transfer of Funds				
45. Amount of Transfer - \$ 500				
To: Mathematics - Visiting Lecturers				
From: Office of the Dean, College of Natural Sciences - Visiting Lecturers and Consultants				
To provide the Mathematics Department with the additional funds needed for Visiting Lecturers for the Spring Semester. (RBC# 1863)				
<u>Mathematics and Center for Numerical Analysis</u>				
Appointment				
46. Johann W. Schroeder (Non-tenure)				
Mathematics				
Visiting Professor	1/16 - 1/31	100	9	\$ 17,100
Center for Numerical Analysis				
Senior Research Mathematician	2/1 - 2/15	100	9	17,100
(RBC# 1880, 1840)				
<u>Physics</u>				
Appointment				
Visiting Professor				
47. Nicholas vanKampen (Non-tenure)	1/16 - 5/31	100	9	26,000
Source of Funds: Transfer from Unallocated Faculty Salaries. (RBC# 1958, 2039)				
<u>Zoology</u>				
Appointment				
Visiting Professor				
48. Richard Levins (Non-tenure)	1/28 - 2/10	100	9	25,100
Source of Funds: Transfer from Unallocated Faculty Salaries. (RBC# 1955, 2040)				
Visiting Professor				
49. Robert M. May (Non-tenure)	2/11 - 2/25	100	9	16,200
Source of Funds: Transfer from Unallocated Faculty Salaries. (RBC# 1957, 2040)				
Visiting Professor				
50. John L. Harper (Non-tenure)	3/4 - 3/18	100	9	33,900
Source of Funds: Transfer from Unallocated Faculty Salaries. (RBC# 2049, 2118)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF NATURAL SCIENCES (Continued)</u>				
<u>Zoology (Continued)</u>				
Appointment				
Visiting Professor				
51. Robert L. Trivers (Non-tenure)	2/24 - 3/11	100	9	\$ 9,000
Source of Funds: Transfer from Unallocated Faculty Salaries. (RBC# 2050, 2118)				
Visiting Professor				
52. Edward J. Klekowski (Non-tenure)	4/1 - 4/15	100	9	13,500
Source of Funds: Transfer from Unallocated Faculty Salaries. (RBC# 2051, 2118)				
Visiting Professor				
53. Daniel L. Hartl (Non-tenure)	4/15 - 4/28	100	9	25,100
Source of Funds: Transfer from Unallocated Faculty Salaries. (RBC# 1956, 2040)				
Visiting Professor				
54. John M. Smith (Non-tenure)	4/22 - 5/6	100	9	33,200
Source of Funds: Transfer from Unallocated Faculty Salaries. (RBC# 2118, 2048)				

DIVISION OF GENERAL AND COMPARATIVE STUDIES

Office of the Dean, Division of General and Comparative Studies

Interdepartmental Transfer

55. Amount of Transfer - \$ 123

To: Office of the Dean, Division of General and Comparative Studies -
Visiting Lecturers and Consultants

From: Office of the Dean, College of Humanities - Visiting Lecturers
and Consultants

Funds were used for the stipend of a Lecturer supported jointly by the College of Humanities and the Division of General and Comparative Studies.

(RBC# 1867)

Ethnic Studies: African and Afro-American

Appointment

Instructor

56. Dapo Adelugba (Non-tenure) 1/16 - 5/31 50 9 9,000

Source of Funds: Transfer from Division of General and Comparative Studies - Dean's Reserve for Faculty Salaries and from Unallocated Faculty Salaries.

(RBC# 1881, 1942, 1608)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>DIVISION OF GENERAL AND COMPARATIVE STUDIES (Continued)</u>				
<u>Ethnic Studies: African and Afro-American (Continued)</u>				
Transfer Between Dissimilar Appropriations				
57. Amount of Transfer - \$ 600				
To: Maintenance, Operations and Equipment				
From: Program Development				
Funds were used to purchase needed office equipment. (RBC# 1807)				
<u>Ethnic Studies - Mexican-American</u>				
Appointment				
Visiting Professor				
58. Rodolfo Jacobson (Non-tenure)	1/13 - 2/2	100	9	\$ 24,000
Source of Funds: Transfer from Unallocated Faculty Salaries. (RBC# 1962, 2041)				
Resignation				
Assistant Professor				
59. Rene Cisneros (Non-tenure)	9/1 - 5/31	50	9	8,000
Date of Resignation (RBC# 1949) 1/15/74				
Transfer Between Dissimilar Appropriations				
60. Amount of Transfer - \$ 906				
To: Wages				
From: Program Development				
Funds were used for three graders needed in Ethnic Studies 310 and 318. (RBC# 1862)				
<u>Language and Area Center for Latin American Studies and Institute for Latin American Studies</u>				
Appointment				
Visiting Professor				
61. Radonmiro Tomic (Non-tenure)				
Language and Area Center for Latin American Studies	1/16 - 1/31	88	9	25,500
Source of Funds: Transfer from Unallocated Faculty Salaries.				
Institute for Latin American Studies - U.S. Office of Education Contract Funds	1/16 - 1/31 2/1 - 5/31	12 100	9	25,500
(RBC# 1882, 1833, 1832, 1943)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>DIVISION OF GENERAL AND COMPARATIVE STUDIES (Continued)</u>				
<u>Center for Middle Eastern Studies</u>				
Appointment				
Acting Director				
62. Robert A. Fernea	7/16 - 8/31	43	9	\$ 21,100
Academic Status: Professor (Anthropology) and (Center for Middle Eastern Studies) (RBC# 1950)				
Associate Director				
63. James A. Bill	6/1 - 7/15	50	9	14,800
Academic Status: Associate Professor (Government) (RBC# 1888)				
Associate Director				
64. Peter F. Abboud	7/16 - 8/31	54	9	16,200
Academic Status: Associate Professor (Oriental and African Languages and Literatures) and (Center for Middle Eastern Studies) (RBC# 2053)				
<u>COLLEGE OF BUSINESS ADMINISTRATION</u>				
<u>Accounting</u>				
Change of Status				
Assistant Professor				
65. Kevin M. Mesiewicz (Non-tenure)				
To:	1/16 - 5/31	100	9	13,500
From: (RBC# 1887)	1/16 - 5/31	100	9	14,500
<u>Finance</u>				
Appointment				
Visiting Professor				
66. Ross M. Robertson (Non-tenure)	1/16 - 5/31	100	9	26,000
Source of Funds: Transfer from Unallocated Faculty Salaries (RBC# 2042, 1965)				
Lecturer				
67. E. Joe Duckworth (Non-tenure)	1/16 - 5/31	33	9	13,000
Source of Funds: Transfer from Unallocated Faculty Salaries. (RBC# 1963, 1843)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF BUSINESS</u>				
<u>ADMINISTRATION (Continued)</u>				
<u>Finance (Continued)</u>				
Appointment				
Lecturer				
68. Thomas E. Wiley, Jr. (Non-tenure)	1/16 - 5/31	33	9	\$ 13,000
Source of Funds: Transfer from Unallocated Faculty Salaries. (RBC# 1964, 2042)				
Resignation				
Assistant Instructor				
69. Samuel C. Hadaway (Non-tenure)	9/1 - 5/31	50	9	8,000
Date of Resignation (RBC# 1951) 1/15/74				
<u>Finance and General Business</u>				
Change of Status				
Lecturer				
70. Howard Hayden (Non-tenure)				
To: Finance	1/16 - 5/31	55	9	13,000
Source of Funds: Transfer from Unallocated Faculty Salaries				
From: General Business	1/16 - 5/31	55	9	13,000
(RBC# 2047, 1373, 2117)				
<u>General Business</u>				
Appointment				
Lecturer				
71. Paula Y. Smith (Non-tenure)	1/16 - 5/31	25	9	13,600
Source of Funds: Transfer from Unallocated Faculty Salaries. (RBC# 1850, 1785)				
<u>Marketing Administration</u>				
Appointment and Salary Increase				
Assistant Instructor				
72. John R. Carey (Non-tenure)	1/16 - 5/31	50	9	8,200
Previous appointment: Teaching Assistant 9/1 - 1/15 50 9 <u>7,400</u>				
Rate Increase (RBC# 1797) 9 <u>800</u>				
Interdepartmental Transfer				
73. Amount of Transfer - \$ 390				
To: Marketing - Wages (\$250) Marketing - Classified Personnel (\$140)				
From: Office of the Dean, College of Business Administration - Wages				
Funds were used to pay student assistants and for a merit increase for a member of the classified staff of the Marketing Administration Department. (RBC# 1808, 1809)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF BUSINESS ADMINISTRATION</u>				
(Continued)				
<u>Marketing Administration (Continued)</u>				
Transfer of Funds				
74. Amount of Transfer - \$ 63				
To: Marketing Administration - Teaching Assistants				
From: Dean's Reserve for Faculty Salaries				
To provide the additional funds needed for the stipend of a Teaching Assistant employed during the Spring Semester. (RBC# 1861)				
<u>SCHOOL OF COMMUNICATION</u>				
<u>Advertising</u>				
Appointment				
Lecturer				
75. Hal J. Basham (Non-tenure)	1/16 - 5/31	33	9	\$ 18,000
Source of Funds: Transfers from the Dean's Reserve and from Unallocated Faculty Salaries. (RBC# 1967, 2021, 1616)				
<u>Radio/TV/Film</u>				
Appointment				
Lecturer				
76. Peggy C. Love (Non-tenure)	1/16 - 5/31	33	9	16,800
(RBC# 1966)				
<u>Speech Communication</u>				
Appointment				
Adjunct Associate Professor				
77. Richard W. Stream (Non-tenure)	1/16 - 5/31	--	12	(23,782)
Dr. Streams' salary is paid by U.T. Medical Branch at Galveston. (RBC# 2020)				
<u>COLLEGE OF EDUCATION</u>				
<u>Curriculum and Instruction</u>				
Change of Status				
Assistant Professor				
78. Ruth H. Wagener (Non-tenure)				
To:	9/1 - 1/15	75	9	11,500
	1/16 - 5/31	100		
From:	9/1 - 5/31	75	9	11,500
(RBC# 2046)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>		
			<u>No. Mos.</u>	<u>Rate</u>	
<u>SCHOOL OF COMMUNICATION (Continued)</u>					
<u>Educational Administration</u>					
Transfer of Funds					
79.	Amount of Transfer - \$ 13,500				
	To: Educational Administration - Faculty Salaries				
	From: Unallocated Faculty Salaries				
	Funds were needed for Spring faculty appointments. (RBC# 2022)				
<u>Educational Psychology</u>					
Appointment					
Assistant Professor					
80.	Roger A. Hall (Non-tenure)	1/16 - 5/31	33	9	\$ 12,330
	Source of Funds: Transfer from Unallocated Faculty Salaries.				
	Concurrent Employment:				
	Counseling - Psychological Services Center				
	Psychologist IV	9/1 - 1/15	100	12	16,440
		1/16 - 5/31	67		
		6/1 - 8/31	100		
	(RBC# 1784, 1851)				
Visiting Professor					
81.	Michael Chen (Non-tenure)	1/16 - 5/31	50	9	20,000
	Source of Funds: Transfer from Unallocated Faculty Salaries. (RBC# 1883, 1944)				
<u>Health, Physical Education and Recreation</u>					
Transfer of Funds					
82.	Amount of Transfer - \$ 6,121				
	To: Health, Physical Education and Recreation - Wages				
	From: Unallocated Classified Salaries				
	To provide the additional funds needed for supervision of the Belmont Hall locker rooms for the remainder of the fiscal year. (RBC# 2028)				
<u>COLLEGE OF ENGINEERING</u>					
<u>Aerospace Engineering and Engineering Mechanics</u>					
Resignation					
Assistant Professor					
83.	Walton E. Williamson (Non-tenure)	9/1 - 5/31	100	9	12,400
	Date of Resignation	1/15/74			
	(RBC# 1788)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF ENGINEERING (Continued)</u>				
<u>Chemical Engineering</u>				
Transfer Between Dissimilar Appropriations				
84. Amount of Transfer - \$ 819				
To: Maintenance and Operation				
From: Classified Personnel				
The work-load of this department required the use of the services of an off-campus agency to provide temporary clerical help. (RBC# 1860)				
Transfer of Funds				
85. Amount of Transfer - \$ 5,154				
To: Chemical Engineering - Classified Personnel				
From: Office of the Dean, College of Engineering - Special Equipment				
To provide for the salary of a Technical Staff Assistant IV for the period 3/1 - 8/31 whose services are needed to maintain equipment in the Materials Laboratory. (RBC# 2023)				
<u>Civil Engineering</u>				
Appointment and Rate Increase				
Visiting Associate Professor				
86. Vaughn C. Behn (Non-tenure)	1/16 - 5/31	25	9	\$ 13,000
Source of Funds: Transfer from the Dean's Reserve for Faculty Salaries.				
Previous appointment:				
Environmental Health Engineering Research Engineer Associate V	9/1 - 1/15	100	12	15,900
			9(equiv)	<u>11,925</u>
Rate Increase (RBC# 1878, 1991)			<u>9</u>	<u>1,075</u>
Appointment				
Adjunct Associate Professor				
87. Davis L. Ford (Non-tenure) (RBC# 1795)	1/16 - 5/31	25	9	16,000
Adjunct Assistant Professor				
88. Edward A. Verner (Non-tenure) (RBC# 1879)	1/16 - 5/31	25	9	13,000
Appointment and Salary Increase				
Assistant Instructor				
89. Randy B. Machemehl (Non-tenure)	1/16 - 5/31	25	9	8,000
Source of Funds: Transfer from Unallocated Faculty Salaries.				
Previous appointment:				
Teaching Assistant	9/1 - 1/15	25	9	<u>7,500</u>
Rate Increase (RBC# 1885, 1945)			<u>9</u>	<u>500</u>

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF ENGINEERING (Continued)</u>				
<u>Civil Engineering (Continued)</u>				
Resignation				
Assistant Instructor				
90. Edward F. Galwardi (Non-tenure)	9/1 - 5/31	50	9	\$ 8,000
Date of Resignation	1/15/74			
(RBC# 1886)				
Transfer of Funds				
91. Amount of Transfer - \$ 2,921				
To: Civil Engineering - Teaching Assistants				
From: Unallocated Faculty Salaries				
Funds were needed for Teaching Assistants for the Spring Semester. (RBC# 2026)				
<u>Civil Engineering and Center for Highway Research</u>				
Change of Status				
92. Clyde E. Lee (Tenure)				
Civil Engineering:				
Professor				
To:	9/1 - 5/31	100	9	19,400
From:	9/1 - 1/15	100	9	19,400
	1/16 - 5/31	67		
Source of Funds: Transfer from Unallocated Faculty Salaries.				
Center for Highway Research				
Director				
To:	6/1 - 8/31	100	9	19,400
From:	1/16 - 5/31	33	9	19,400
	6/1 - 8/31	100		
(RBC# 2054, 2045, 2116)				
<u>Civil Engineering and Center for Research in Water Resources</u>				
Appointment				
93. Leo R. Beard (Non-tenure)				
Civil Engineering				
Lecturer	1/16 - 5/31	25	9	21,800
Source of Funds: Transfer from Unallocated Faculty Salaries.				
Previous appointment was at the same rate.				
Center for Research in Water Resources				
Technical Director				
	1/16 - 5/31	75	12	29,000
(RBC# 2044, 1841, 2116)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF ENGINEERING (Continued)</u>				
<u>Civil Engineering - Meteorology Division</u>				
Interdepartmental Transfer				
94. Amount of Transfer - \$ 1,274				
To: Civil Engineering - Meteorology Division - Classified Personnel				
From: Civil Engineering - Classified Personnel				
Reallocation of salary funds within this area. (RBC# 1990)				
<u>Civil Engineering - Meteorology and University Research Institute</u>				
Appointment and Leave of Absence				
Associate Professor				
95. E. Lothar Koschmieder (Tenure)				
Leave of Absence:				
Civil Engineering - Meteorology	9/1 - 5/31	100	9	\$ 14,000
Term of Leave	9/1 - 5/31			
Appointment:				
University Research Institute Faculty Research Assignment	9/1 - 1/15	100	9	14,000
(RBC# 1055, 714)				
<u>Civil Engineering - Architectural Engineering Division</u>				
Interdepartmental Transfer				
96. Amount of Transfer - \$ 121				
To: Civil Engineering - Architectural Engineering Division - Teaching Assistants				
From: Civil Engineering - Faculty Salaries				
Reallocation of teaching salaries funds within this area to provide support where needed. (RBC# 1997)				
97. Amount of Transfer - \$ 750				
To: Civil Engineering - Architectural Engineering Division - Wages				
From: Civil Engineering - Meteorology Division - Wages				
Reallocation of Wages funds within this area to provide for Assistants needed in Architectural Engineering. (RBC# 1859)				
<u>Electrical Engineering</u>				
Appointment				
Assistant Professor				
98. Otto M. Friedrich, Jr. (Non-tenure)	1/16 - 5/31	33	9	15,375
Source of Funds: Transfer from Unallocated Faculty Salaries				
Concurrent Employment:				
Applied Research Laboratories Research Engineer	9/1 - 8/31	50	12	20,500
Electronics Research Center Research Engineer (Assistant Director)	1/16 - 5/31	17	12	20,500
(RBC# 1973, 2031)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF ENGINEERING (Continued)</u>				
<u>Electrical Engineering (Continued)</u>				
Appointment				
Assistant Professor				
99. Richard E. Rowberg (Non-tenure)	1/16 - 5/31	50	9	\$ 11,925
Source of Funds: Transfer from Unallocated Faculty Salaries. (RBC# 1877, 1946)				
Appointment and Salary Increase				
Assistant Instructor				
100. David H. Williams (Non-tenure)	1/16 - 5/31	50	9	8,000
Source of Funds: Transfer from Unallocated Faculty Salaries.				
Previous appointment:				
Electrical Engineering Teaching Assistant	9/1 - 1/15	50	9	<u>6,800</u>
Rate Increase (RBC# 1946, 1884)			<u>9</u>	<u>1,200</u>
Leave of Absence				
Associate Professor				
101. Dimiter I. Tchernev (Tenure)	9/1 - 5/31	100	9	17,100
Term of Leave (RBC# 2043)				
<u>Mechanical Engineering</u>				
Appointment				
Instructor				
102. Richard W. Deller (Non-tenure)	1/16 - 5/31	100	9	12,500
Source of Funds: Transfer from Unallocated Faculty Salaries. (RBC# 1968, 2030)				
<u>COLLEGE OF FINE ARTS</u>				
<u>Office of the Dean</u>				
Transfer of Funds				
103. Amount of Transfer - \$ 3,000				
To: Office of the Dean, College of Fine Arts - Visiting Lecturers and Consultants				
From: Unallocated Visiting Lecturers and Consultants				
Funds were used to support symposia entitled "The Idea of History in the Arts" and "Dance and the University". (RBC# 2027)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF FINE ARTS (Continued)</u>				
<u>Office of the Dean, College of Fine Arts - Fine Arts Projects</u>				
Transfer of Funds				
104. Amount of Transfer - \$ 3,663				
To: Office of the Dean, College of Fine Arts - Fine Arts Projects				
From: Unallocated Maintenance and Operation				
Transfer to the Fine Arts Project account an amount equal to the box office receipts from the Julliard Quartet concert. These funds were deposited to General Budget Income, but are needed now in the Fine Arts Project Account from which expenses incurred in the presentation of the concerts can be paid.				
(RBC# 1940)				
<u>Office of the Dean, College of Fine Arts - Student Opera Production</u>				
Transfer of Funds				
105. Amount of Transfer - \$ 1,640				
To: Office of the Dean, College of Fine Arts - Student Opera Production				
From: Unallocated Maintenance and Operation				
Transfer to the Student Opera Production account an amount equal to the box office receipts from the opera production "Midsummer Night's Dream". These funds were deposited to General Budget Income but are needed now in the Student Opera Production account from which expenses incurred in the presentation of the opera may be paid.				
(RBC# 1759)				
<u>Art</u>				
Appointment				
Instructor				
106. Donald L. Herron (Non-tenure)	1/16 - 5/31	33	9	\$ 9,000
Source of Funds: Transfer from Unallocated Faculty Salaries.				
(RBC# 1783, 1852)				
Instructor				
107. Carl J. Johnson (Non-tenure)	1/16 - 5/31	100	9	10,000
Source of Funds: Transfer from Unallocated Faculty Salaries.				
(RBC# 1782, 1852)				
Assistant Professor				
108. Richard P. Uhlich, Jr. (Non-tenure)	1/16 - 5/31	100	9	12,000
Source of Funds: Transfer from Unallocated Faculty Salaries.				
(RBC# 1897, 1781)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF FINE ARTS (Continued)</u>				
<u>Art (Continued)</u>				
Budget Correction				
109. James L. Wyatt (Non-tenure)				
To: Assistant Professor	1/16 - 5/31	33	9	\$ 11,000
From: Instructor	1/16 - 5/31	33	9	9,000
Source of Funds: Transfer from Unallocated Faculty Salaries				
This is a correction of Mr. Wyatt's appointment which was reported in the March 15, 1974 Docket, Page A-82, Item No. 23. (RBC# 1789, 1852)				
Transfer of Funds				
110. Amount of Transfer - \$ 16,2000				
To: Art - Faculty Salaries (\$12,000) Art - Teaching Assistants (\$4,200)				
From: Unallocated Faculty Salaries (\$12,000) Dean's Reserve for Faculty Salaries (\$4,200)				
Funds were used for Spring Semester faculty appointments. (RBC# 1897, 1858, 1802)				
<u>Drama</u>				
Leave of Absence				
Professor				
111. James W. Moll (Tenure)	9/1 - 5/31	100	9	24,900
Term of Leave (RBC# 1787)	1/16 - 5/31			
Transfer of Funds				
112. Amount of Transfer - \$ 200				
To: Drama - Teaching Assistants				
From: Dean's Reserve for Faculty Salaries				
To provide the additional funds needed for Teaching Assistants for the Spring Semester. (RBC# 1803)				
<u>SCHOOL OF LAW</u>				
<u>Clinical Legal Education</u>				
Transfer Between Dissimilar Appropriations				
113. Amount of Transfer - \$ 1,800				
To: Wages				
From: Administrative and Professional Salaries				
Reallocation of departmental funds to provide for salaries of part-time help. (RBC# 1810)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SCHOOL OF LAW (Continued)</u>				
<u>School of Law and Law School Foundation</u>				
Leave of Absence				
Lecturer				
114. Larry Niemann (Non-tenure)	9/1 - 5/31	33	9	\$ 18,000
Term of Leave	2/1 - 5/31			
(RBC# 2004, 2005)				
<u>GRADUATE SCHOOL OF LIBRARY SCIENCE</u>				
Appointment				
Assistant Professor (Temporary)				
115. Katherine M. McMurrey (Non-tenure)	1/16 - 5/31	100	9	11,000
Source of Funds: Transfer from Unallocated Faculty Salaries.				
(RBC# 2029, 1969)				
<u>COLLEGE OF PHARMACY</u>				
Transfer Between Dissimilar Appropriations				
116. Amount of Transfer - \$ 3,000				
To: Wages				
From: Maintenance and Operation				
Reallocation of this College's funds to provide for academic and clerical assistants and laboratory helpers.				
(RBC# 1746)				
<u>LIBRARY</u>				
Appointment				
Professional Librarian, Reference Department				
117. Barbara L. Turman	2/18 - 8/31	100	12	9,600
(RBC# 2056)				
<u>ORGANIZED RESEARCH</u>				
<u>Bureau of Engineering Research</u>				
Transfer Between Dissimilar Appropriations				
118. Amount of Transfer - \$ 10,000				
To: Research Engineers and Assistants				
From: Maintenance and Operation				
Reallocation of the Bureau's funds to meet operational requirements.				
(RBC# 1776)				
<u>Center for Relativity Theory</u>				
Transfer Between Dissimilar Appropriations				
119. Amount of Transfer - \$ 880				
To: Wages				
From: Travel				
Reallocation of funds to provide for part-time help during the Spring Semester.				
(RBC# 1805)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>ORGANIZED RESEARCH (Continued)</u>				
<u>Center for Statistical Mechanics and Thermodynamics</u>				
Transfer Between Dissimilar Appropriations				
120. Amount of Transfer - \$ 22				
To: Classified Personnel				
From: Maintenance and Operation				
Reallocation of the Center's funds to provide for reclassification of a member of the classified staff. (RBC# 1939)				
<u>Institute of Latin American Studies</u>				
Change of Status				
Consultant (Faculty)				
121. Lawrence S. Graham				
To:	6/1 - 7/15	100	9	\$ 16,600
From:	6/1 - 8/31	50	9	16,600
Academic Status: Associate Professor (Government) (RBC# 1934, 1933)				
<u>DIVISION OF EXTENSION</u>				
<u>Extension Teaching and Field Service Bureau</u>				
Resignation				
Instructor				
122. Kenneth Stedman				
	9/1 - 8/31	100	12	12,400
Date of Resignation (RBC# 2006)				
<u>Industrial and Business Training Bureau</u>				
Reappointment				
Instructor				
123. Daniel A. Moulton, III				
	2/1 - 2/28	100	<u>Twelve Months Rate</u> \$ 9,000	<u>Stipend</u> \$ 667
Source of Funds: Office of Education Contract				
Previous appointment was at the same rate. (RBC# 2007)				

<u>Item, Department, Title, Name</u>	<u>Appointment</u>	<u>%</u> <u>Time</u>	<u>Full-time Salary</u>	
			<u>No.</u> <u>Mos.</u>	<u>Rate</u>

ACADEMIC DEVELOPMENT PROGRAM

Transfer of Funds

124. Amount of Transfer - \$69,950

Transfers were made from Academic Development Program Allotment account to the various areas as follows:

- | | | | | |
|---|--|--|--|----------|
| (1) American Studies Program - Program Development
To provide partial support for the National American Studies Association convention to be held in Austin in 1975. (RBC# 1768) | | | | \$ 1,500 |
| (2) Office of the Dean, Division of General and Comparative Studies - Academic Development Fund
To help defray transportation cost to Iran of Professor Farmayan this summer. (RBC# 1993) | | | | \$ 700 |
| (3) School of Communication - School-wide Development Program
To provide support for Professor Jeffrey's "Oral Performance of Literature" series for 1973-74. (RBC# 1760) | | | | \$ 750 |
| (4) Council for Advanced Transportation Studies - Academic Development Program
To provide additional support of Coordinating Activities with Texas A&M and for faculty research. (RBC# 1767) | | | | \$17,000 |
| (5) Energy Resources Program - Program Development
For support of a Center of Energy Research and Policy Studies. (RBC# 1869) | | | | \$30,000 |
| (6) Institute of Genetics - Development Fund
To support initial activities directed toward the establishment of an Institute of Genetics. (RBC# 1811) | | | | \$20,000 |

Office of the Dean, College of Humanities

Interdepartmental Transfer

125. Amount of Transfer - \$500

To: Office of the Dean, College of Humanities - Academic Development Fund

From: Office of the Dean, School of Communication - Academic Development Fund

Transfer to the College of Humanities the School of Communication's share of costs of the International Poetry Festival, which is jointly supported.
(RBC# 1984)

SPONSORED PROJECTSAstronomy

Reappointment

Research Scientist

126. James D. Wray

2/1 - 8/31

100

12

\$ 20,600

Source of Funds: NASA Contract

Previous appointment was at the same rate
(RBC# 1928)

Resignation

Associate Professor

127. J. Roger Angel

9/1 - 5/31

100

9

19,700

Date of Resignation 1/15/74
(RBC# 1905)

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>SPONSORED PROJECTS (Continued)</u>				
<u>Botany</u>				
Appointment				
Director (Faculty)				
128. Harold C. Bold	6/1 - 6/30	100	9	\$ 27,000
Source of Funds: NSF Grant				
Academic Status:				
Professor (Botany)				
(RBC# 1842)				
Research Scientist (Faculty)				
129. Theodore Delevoryas	6/1 - 7/31	100	9	20,700
Source of Funds: NSF Grant				
Academic Status:				
Professor (Botany)				
(RBC# 1932)				
Director (Faculty)				
130. Marshall C. Johnston	6/1 - 7/31	100	9	17,600
Source of Funds: NSF Grant				
Academic Status:				
Professor (Botany)				
(RBC# 1930)				
<u>Botany and Research in Botany - Herbarium</u>				
Appointment and Leave of Absence				
131. Billie L. Turner				
Appointment:				
Botany - NSF Grant Funds				
Associate Investigator (Faculty)	6/1 - 6/22	50	9	26,400
	8/23 - 8/31	50		
Leave of Absence:				
Research in Botany - Herbarium				
(General Budget Funds)				
Director	6/1 - 8/31	50	9	26,400
Term of Leave	6/23 - 8/22			
Academic Status:				
Professor (Botany)				
(RBC# 1828, 1899, 1908)				
<u>Graduate School of Library Science</u>				
Appointment				
Consultant				
132. Carolyn D. French	1/4 - 5/21	30	12	8,724
Source of Funds: Office of Education Contract				
Concurrent Employment:				
Graduate School of Library Science - Academic Development Program Funds				
Consultant	9/1 - 8/31	19	12	8,724
(RBC# 1904)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPONSORED PROJECTS (Continued)</u>				
<u>Center for Economic Development</u>				
Reappointment				
Project Director				
133. Niles M. Hansen	2/1 - 5/31	50	9	\$ 26,900
Sources of Funds: Office of Education Contract and NSF Grant				
Concurrent Employment:				
Economics				
Professor	9/1 - 5/31	50	9	26,900
(RBC# 1938, 1937)				
<u>Computer Based Education Project</u>				
Reappointment				
Research Engineer (Faculty)				
134. Robert A. Mills	1/16 - 5/31	33	9	12,000
Source of Funds: NSF Grant				
Concurrent Employment:				
Chemical Engineering				
Instructor	9/1 - 5/31	67	9	12,000
(RBC# 1907)				
<u>Fusion Research Center</u>				
Appointment				
Research Scientist (Faculty)				
135. Roger D. Bengtson	6/1 - 6/30	100	9	13,700
Source of Funds: Atomic Energy Commission Contract				
Academic Status: Assistant Professor (Physics)				
(RBC# 2016)				
Research Scientist (Faculty)				
136. Frederick L. Hinton	6/1 - 6/30	100	9	15,700
Source of Funds: Atomic Energy Commission Contract				
Academic Status: Associate Professor (Physics)				
(RBC# 2013)				
Reappointment				
Research Scientist				
137. Henry V. Wong	2/1 - 6/30	100	12	20,535
Source of Funds: Atomic Energy Commission Contract				
Previous appointment was at the same rate				
(RBC# 1935)				
Research Program Manager				
138. Alan B. Macmahon	2/1 - 8/31	50	12	19,543
Source of Funds: NSF Grant				
Previous appointments were at the same rate				
(RBC# 2010)				

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>SPONSORED PROJECTS (Continued)</u>				
<u>Fusion Research Center (Continued)</u>				
Reappointment				
Research Scientist (Faculty)				
139. William E. Drummond				
Texas Atomic Energy Research Foundation Funds	3/1 - 4/30	50	9	\$ 36,000
Atomic Energy Commission Contract Funds	6/1 - 6/30	50	9	36,000
Concurrent Employment:				
Physics				
Professor (RBC# 1830, 2015)	9/1 - 5/31	50	9	36,000
<u>Institute of Latin American Studies</u>				
Appointment				
Visiting Professor				
140. L. Gonzalez y Gonzalez	1/16 - 5/31	100	9	25,000
Source of Funds: Office of Education Contract (RBC# 1931)				
<u>Research and Development Center for Teacher Education</u>				
Reappointment				
Research Scientist (Faculty)				
141. Jere E. Brophy	2/1 - 3/15	50	9	14,900
Source of Funds: Office of Education Contract				
Concurrent Employment:				
Educational Psychology				
Associate Professor (RBC# 2008)	9/1 - 5/31	50	9	14,900
Research Scientist (Faculty)				
142. Gary D. Borich	1/1 - 1/15	33	9	13,500
Source of Funds: Office of Education Contract				
Concurrent Employment:				
Educational Psychology				
Assistant Professor (RBC# 1901)	9/1 - 1/15 1/16 - 5/31	67 100	9	13,500
<u>AUXILIARY ENTERPRISES</u>				
<u>Intercollegiate Athletics</u>				
Reappointment and Salary Increase				
Assistant Football Coach				
143. Fred S. Akers	2/1 - 8/31	100	12	\$ 20,060
Previous appointment				
	9/1 - 1/31	100	12	<u>19,400</u>
Rate Increase (RBC# 1820)				
			<u>12</u>	<u>\$ 660</u>

Item, Department, Title, Name	Period of Appointment	% Time	Full-time Salary	
			No. Mos.	Rate
<u>AUXILIARY ENTERPRISES (Continued)</u>				
<u>Intercollegiate Athletics (Continued)</u>				
Reappointment and Salary Increase				
Assistant Football Coach				
144. William M. Campbell	2/1 - 8/31	100	12	\$ 26,680
Previous Appointment	9/1 - 1/31	100	12	<u>25,800</u>
Rate Increase (RBC# 1821)			<u>12</u>	<u>\$ 880</u>
Assistant Football Coach				
145. Kenneth D. Dabbs	2/1 - 8/31	100	12	\$ 15,000
Previous Appointment	9/1 - 1/31	100	12	<u>14,500</u>
Rate Increase (RBC# 1826)			<u>12</u>	<u>\$ 500</u>
Assistant Football Coach				
146. Timothy M. Doerr	2/1 - 8/31	100	12	\$ 17,070
Previous Appointment	9/1 - 1/31	100	12	<u>16,500</u>
Rate Increase (RBC# 1825)			<u>12</u>	<u>\$ 570</u>
Assistant Football Coach				
147. William T. Dykes	2/1 - 8/31	100	12	\$ 15,000
Previous Appointment	9/1 - 1/31	100	12	<u>14,500</u>
Rate Increase (RBC# 1824)			<u>12</u>	<u>\$ 500</u>
Assistant Athletic Director and Assistant Football Coach				
148. Billy M. Ellington	2/1 - 8/31	100	12	\$ 21,200
Previous Appointment	9/1 - 1/31	100	12	<u>20,500</u>
Rate Increase (RBC# 1822)			<u>12</u>	<u>\$ 700</u>
Assistant Football Coach				
149. David L. McWilliams	2/1 - 8/31	100	12	\$ 16,030
Previous Appointment	9/1 - 1/31	100	12	<u>15,500</u>
Rate Increase (RBC# 1817)			<u>12</u>	<u>\$ 530</u>
Assistant Football Coach				
150. Willie L. Manley	2/1 - 8/31	100	12	\$ 18,200
Previous Appointment	9/1 - 1/31	100	12	<u>17,600</u>
Rate Increase (RBC# 1816)			<u>12</u>	<u>\$ 600</u>
Assistant Football Coach				
151. Richard M. Patterson	2/1 - 8/31	100	12	\$ 20,060
Previous Appointment	9/1 - 1/31	100	12	<u>19,400</u>
Rate Increase (RBC# 1819)			<u>12</u>	<u>\$ 660</u>

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>AUXILIARY ENTERPRISES (Continued)</u>				
<u>Intercollegiate Athletics (Continued)</u>				
Reappointment and Salary Increase				
Assistant Football Coach				
152. Willie F. Zapalac	2/1 - 8/31	100	12	\$ 21,200
Previous Appointment	9/1 - 1/31	100	12	<u>20,500</u>
Rate Increase (RBC# 1818)			<u>12</u>	<u>\$ 700</u>
Reappointment				
Assistant Football Coach				
153. Alvin L. Matthews	2/1 - 6/30	100	12	\$ 12,000
Previous appointment was at the same rate (RBC# 1823)				
Appointment				
Assistant Football Coach				
154. William H. Wyman (RBC# 1981)	1/16 - 5/15	50	12	4,992
Transfer of Funds				
155. Amount of Transfer - \$2,800				
To: Salaries				
From: Allocation for Budget Adjustments				
These additional funds were needed in the Salaries account due to salary adjustments of the coaching staff. (RBC# 1800)				
<u>Special Concessions</u>				
Transfer Between Dissimilar Appropriations				
156. Amount of Transfer - \$2,500				
To: Tutoring Program				
From: President - Special Projects				
To provide additional funds for Ethnic Student Services - Tutoring Program. (RBC# 1923)				
<u>U. T. Student Publications</u>				
Transfer of Funds				
157. Amount of Transfer - \$400				
To: Other Operating Expenses - Supplies and Services				
From: Allocation for Budget Adjustments				
Unanticipated expenses of unloading the 1973 Cactus Yearbook, printing of certificates for outstanding students and Goodfellows, and purchasing miscellaneous supplies made this transfer necessary. (RBC# 1778)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

AUXILIARY ENTERPRISES (Continued)Purchasing Office

Transfer of Funds

158. Amount of Transfer - \$9,047

To: Purchasing Office - Salaries and Wages (\$8,512)
 - Other Expenses (\$535)

From: Auxiliary Enterprises - Administration - Unallocated

To provide the additional funds needed for salaries, wages, and other operating costs.
 (RBC# 1814)

Central Receiving and Delivery

Transfer of Funds

159. Amount of Transfer - \$2,961

To: Central Receiving and Delivery - Salaries and Wages (\$2,786)
 - Other Expenses (\$175)

From: Auxiliary Enterprises - Administration - Unallocated

To provide the additional funds needed for salaries, wages, and other operating costs.
 (RBC# 1813)

CURRENT RESTRICTED FUNDSFine Arts Foundation - Drama

Transfer of Funds

160. Amount of Transfer - \$1,000

To: Faculty Travel Fund

From: Various Donors/Various Purposes

To provide travel funds for the remainder of the fiscal year.
 (RBC# 1801)

Administrative Charges to Trust Funds and Other Funds

Transfer of Funds

161. Amount of Transfer - \$20,000

To: Account No. [REDACTED]

From: Account No. [REDACTED]
 (RBC# D-74)

Hogg Foundation for Mental Health

Transfer Between Dissimilar Appropriations

162. Amount of Transfer - \$3,000

To: Clerical Assistants

From: Program Support

To provide funds for additional clerical help not anticipated when the budget was prepared.
 (RBC# 1871)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

CURRENT RESTRICTED FUNDS (Continued)Tutoring Program

Transfer Between Dissimilar Appropriations

163. Amount of Transfer - \$3,000

To: Tutoring Program

From: President's Associates

To provide additional support for Ethnic Student Services - Tutoring Program.
(RBC# 1924)PLANT FUNDSMajor Repair and Rehabilitation Projects

Transfer of Funds

164. Amount of Transfer - \$31,000

To: Construction of Botany Greenhouses

From: Allotment Account

To provide funds for construction of two greenhouses.
(RBC# 1986)

1973-74 BUDGET
SALARY RATE INCREASES OF \$2,000 OR MORE INVOLVING APPOINTMENTS
TO A DIFFERENT POSITION AND NEW AND DIFFERENT DUTIES

Source of Funds: Departmental Salaries unless otherwise specified.

Item No.	Explanation	Present Status	Proposed Status	Effective Dates
1.	William D. Badger, Jr. Division of Research in Transportation	Social Science Research Associate IV	Assistant Director	
	Salary Rate	\$ 11,772	\$ 13,908	3/1-4/5
	Source of Funds: U. S. Department of Transporta- tion Grant (RBC# 1936)			
2.	John Drew Center for Plasma Physics and Thermonuclear Research	Laboratory Research Assistant II	Research Scientist Associate I	
	Salary Rate	\$ 5,280	\$ 10,308	1/7-4/30
	Source of Funds: Texas Atomic Energy Research Foundation Funds (RBC# 1915)			
3.	Henry L. Edwards Applied Research Laboratories	Research Engineer Associate I	Research Engineer Associate II	
	Salary Rate	\$ 10,308	\$ 13,452	1/10/74
	Source of Funds: Govern- ment Contract - Payroll Clearing Account (RBC# 1838)			
4.	Kenneth W. Gentle (Tenure) Physics	Associate Professor (F.T.)	Associate Professor (LWOP)	
	Academic Rate	\$ 16,100	(\$ 16,100)	
	Center for Plasma Physics and Thermonuclear Research		Assistant Director - Experimental Programs (F.T.)	
	Salary Rate - 12 mos.	\$ 21,467 (equiv.)	\$ 23,500	1/16-6/30
	Sources of Funds: Current Restricted - Sloan Founda- tion Funds 1/16-5/27; and Government Contract - Atomic Energy Commission Funds 5/28-6/30 (RBC# 1902, 1892)			

Item No.	Explanation	Present Status	Proposed Status	Effective Dates
5.	Lucinda J. Grant Office of the Dean, College of Natural Sciences	Clerk	Senior Administrative Clerk	
	Salary Rate (RBC# 1918)	\$ 4,620	\$ 6,672	1/15/74
6.	Gene E. Hall Research and Development Center for Teacher Educa- tion - Office of Education Contract Funds	Coordinator (80%T)	Project Director (80%T)	2/1-3/15
	Center for Teaching Effectiveness - General Budget Funds	Coordinator (20%T)	Project Director (20%T)	1/16-5/31
	Salary Rate (RBC# 2018, 1977, 1971)	\$ 18,800	\$ 21,000	2/1/74
7.	Chin M. Kim Petroleum Engineering	Postdoctoral Research Associate		
	Center for Earth Sciences and Engineering		Research Engineer Associate IV	
	Salary Rate	\$ 7,380	\$ 13,452	2/1-2/28
	Source of Funds: Current Restricted - Rock Mechanics Research-Variou Donors (RBC# 1980)			
8.	Kin Lo Center for Highway Research	Laboratory Research Assistant II	Research Engineer Assistant I	
	Salary Rate	\$ 5,460	\$ 7,896	1/1-5/31
	Source of Funds: Govern- ment Contract - Payroll Clearing Account (RBC# 1912)			
9.	Ross Murray, Jr. Applied Research Laboratories	Laboratory Research Assistant II	Research Engineer Associate I	
	Salary Rate	\$ 5,112	\$ 10,656	2/1/74
	Source of Funds: Govern- ment Contract - Payroll Clearing Account (RBC# 1836)			

Item No.	Explanation	Present Status	Proposed Status	Effective Dates
10.	H. Neal Parker			
	Mechanical Engineering - Nuclear Reactor Laboratory	Nuclear Technical Specialist II		
	Computer-Based Education Project		Systems Analyst I	
	Salary Rate	\$ 9,336	\$ 13,008	1/1/74
	Source of Funds: NSF Grant (RBC# 1837)			
11.	Lillian E. Potter			
	Library	Senior Librarian, Catalog Department	Head Librarian, Monographic Cataloging	
	Salary Rate (RBC# 2055)	\$ 12,400	\$ 15,500	2/15/74
12.	Michael S. Sternberg			
	Fusion Research Center	Technical Staff Assistant III	Computer Programmer I	
	Salary Rate	\$ 6,900	\$ 11,016	2/1-6/30
	Source of Funds: Atomic Energy Commission Contract (RBC# 1911)			
13.	Irene E. Vavrin			
	Library	Clerk	Senior Library Assistant	
	Salary Rate (RBC# 1910)	\$ 4,620	\$ 7,140	1/9/74
14.	Wolfhard Vogel			
	Electrical Engineering Research Laboratory	Research Engineer Assistant I	Research Engineer Associate IV	
	Salary Rate	\$ 8,160	\$ 13,452	2/1/74
	Source of Funds: Govern- ment Contract - Payroll Clearing Account (RBC# 1925)			
15.	James S. Wilson			
	Division of Research in Transportation	Social Science Research Associate I		
	Office of the Vice President for Business Affairs		Assistant - Shuttle Bus Operations	
	Salary Rate (RBC# 1920)	\$ 6,900	\$ 11,000	1/21/74

1974 SUMMER SESSION BUDGET

The following Summer Session Budget is allocated within funds set aside in the original operating budget previously approved by the Board for this purpose. The Summer Session includes generally two terms -- the First Term running June 1 through July 15, and the Second Term from July 16 through August 31. Certain courses are scheduled on an overlapping nine weeks basis (June 1 through July 31), and others on a full twelve weeks basis (June 1 through August 31). Salary calculations are pro rata based on the nine-month academic rate with a cut-off for this purpose at a ceiling of \$18,000, the same as used in previous years. No merit salary rate increases are permitted in the Summer Session Budget.

THE UNIVERSITY OF TEXAS AT AUSTIN
EDUCATIONAL AND GENERAL
ALLOCATION FOR 1974 SUMMER SESSION

T A B L E O F C O N T E N T S

THE UNIVERSITY OF TEXAS AT AUSTIN
 EDUCATIONAL AND GENERAL
 ALLOCATION FOR 1974 SUMMER SESSION

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THE UNIVERSITY OF TEXAS AT AUSTIN
 EDUCATIONAL AND GENERAL
 1974 SUMMER SESSION ALLOCATION

Appropriation for 1974 Summer Session (See Budget adopted by the Board of Regents, page 481)		\$2,900,000
Transfer for Lynson B. Johnson School of Public Affairs		<u>6,916</u>
		<u>\$2,906,916</u>
Allocations for 1974 Summer Session		
3. Resident Instruction		
3a Faculty Salaries	\$2,846,462	
3b Departmental Operating Costs	<u>500</u>	<u>\$2,846,962</u>
Unallocated Summer Session Balance		\$ 59,954

THE UNIVERSITY OF TEXAS AT AUSTIN
1974 SUMMER SESSION ALLOCATION
(Elements of Institutional Cost)

3. RESIDENT INSTRUCTION

	<u>TOTAL RESIDENT INSTRUCTION</u>	<u>FACULTY SALARIES</u>	<u>DEPARTMENTAL OPERATING COSTS</u>
CHOOL OF ARCHITECTURE	\$ 58,903	\$ 58,903	\$
COLLEGE OF HUMANITIES			
Dean's Reserve	3,033	3,033	
Classics	39,879	39,879	
English	148,487	148,487	
French & Italian	43,159	43,159	
Germanic Languages	41,711	41,711	
Oriental & African Languages & Literatures	18,529	18,529	
Philosophy	23,415	23,415	
Slavic Languages	13,682	13,682	
Spanish & Portuguese	68,092	68,092	
Sub-total	<u>399,987</u>	<u>399,987</u>	
COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES			
Dean's Reserve	3,438	3,438	
Anthropology	20,015	20,015	
Economics	37,579	37,579	
Geography	23,300	23,300	
Government	71,960	71,960	
History	70,000	70,000	
Linguistics	9,500	9,500	
Psychology	46,308	46,308	
Sociology	27,999	27,999	
Sub-total	<u>310,099</u>	<u>310,099</u>	
COLLEGE OF NATURAL SCIENCES			
Dean's Reserve	1,752	1,752	
Astronomy	14,000	14,000	
Biological Sciences	15,498	15,498	
Botany	12,000	12,000	
Chemistry	63,289	63,289	
Computer Sciences	23,214	23,214	
Geological Sciences	41,991	41,991	
Home Economics	28,000	28,000	
Mathematics	145,556	145,556	
Microbiology	22,632	22,632	
Physics	33,500	33,500	
Zoology	39,000	39,000	
Sub-total	<u>440,432</u>	<u>440,432</u>	

3. RESIDENT INSTRUCTION (Continued)

	<u>TOTAL RESIDENT INSTRUCTION</u>	<u>FACULTY SALARIES</u>	<u>DEPARTMENTAL OPERATING COSTS</u>
VISION OF GENERAL & COMPARATIVE STUDIES			
Dean's Reserve	9,788	9,788	
American Studies	7,515	7,515	
Ethnic Studies - African & Afro- American Studies	7,699	7,699	
Ethnic Studies - Mexican-American St.	6,914	6,914	
Marine Studies	22,000	22,000	
Center for Asian Studies	8,500	8,500	
Center for Middle Eastern Studies	7,566	7,566	
Sub-total	<u>69,982</u>	<u>69,982</u>	
COLLEGE OF BUSINESS ADMINISTRATION			
Dean's Reserve	11,734	11,734	
Accounting	63,766	63,766	
Finance	42,645	42,645	
General Business	62,374	62,374	
Management	46,894	46,894	
Marketing Administration	37,587	37,587	
Sub-total	<u>265,000</u>	<u>265,000</u>	
SCHOOL OF COMMUNICATION			
Dean's Reserve	5,932	5,932	
Advertising	9,416	9,416	
Journalism	28,681	28,681	
Radio-Television-Film	18,247	18,247	
Speech Communication	50,276	50,276	
Sub-total	<u>112,552</u>	<u>112,552</u>	
COLLEGE OF EDUCATION			
Cultural Foundations of Education	21,964	21,964	
Curriculum & Instruction	135,591	135,591	
Educational Administration	39,258	38,758	500
Educational Psychology	67,466	67,466	
Health, Physical Education, & Recreation	38,201	38,201	
Special Education	47,564	47,564	
Sub-total	<u>350,044</u>	<u>349,544</u>	<u>500</u>
COLLEGE OF ENGINEERING			
Dean's Reserve	439	439	
Aerospace Engineering & Engineering Mechanics	31,394	31,394	
Engineering Mechanics Division	23,432	23,432	
Chemical Engineering	18,663	18,663	
Civil Engineering	48,127	48,127	
Meteorology Division	5,433	5,433	
Architectural Engineering Division	10,016	10,016	
Electrical Engineering	58,780	58,780	
Mechanical Engineering	64,735	64,735	
Graphics Division	4,482	4,482	

3. RESIDENT INSTRUCTION (Continued)

	<u>TOTAL RESIDENT INSTRUCTION</u>	<u>FACULTY SALARIES</u>	<u>DEPARTMENTAL OPERATING COSTS</u>
COLLEGE OF ENGINEERING (Continued)			
Petroleum Engineering	9,499	9,499	
Sub-total	<u>275,000</u>	<u>275,000</u>	
COLLEGE OF FINE ARTS			
Dean's Reserve	5,000	5,000	
Art	65,000	65,000	
Drama	45,000	45,000	
Music	165,003	165,003	
Sub-total	<u>280,003</u>	<u>280,003</u>	
SCHOOL OF LAW	<u>104,500</u>	<u>104,500</u>	
GRADUATE SCHOOL OF LIBRARY SCIENCE	<u>52,929</u>	<u>52,929</u>	
COLLEGE OF PHARMACY	<u>90,000</u>	<u>90,000</u>	
GRADUATE SCHOOL OF SOCIAL WORK	<u>30,615</u>	<u>30,615</u>	
ANDREW B. JOHNSON SCHOOL OF PUBLIC AFFAIRS	<u>6,916</u>	<u>6,916</u>	
TOTAL RESIDENT INSTRUCTION	<u>\$2,846,962</u>	<u>\$2,846,462</u>	<u>\$ 500</u>

Pages 2687 – 2800 are intentionally left blank

(Noted: May 12, 2009)

One in each folder ²⁸⁰¹

THE UNIVERSITY OF TEXAS AT AUSTIN
 SCHEDULE OF ADDITIONAL (OR CHANGES IN)
 FUNDING OF CONSTRUCTION PROJECTS

200

Project	Project Title	Source of Funds		Amount
		From	To (New or Additional Appropriation)	
2-14	Burdine Hall	BRB	PUF	\$100,000.00
2-53	Graduate School of Business	CFB	PUF	100,000.00
2-161	Central Services Building	CFB	PUF	70,000.00
2-39	Printing and Press Building	IOP	PUF	25,000.00
2-198	Special Events Center	BRB	PUF	100,000.00
2-199	Fifty Meter Swimming Pool	IOP	PUF	100,000.00
2-264	Art Building Addition	IOP	PUF	100,000.00
2-265	Fine Arts Library and Administration Bldg.	IOP	PUF	100,000.00
2-266	Music Building and Recital Hall	IOP	PUF	100,000.00
2-267	Opera Lab Theatre	IOP	PUF	100,000.00
2-268	Drama Building Addition	IOP	PUF	100,000.00
2-269	Drama Workshops	IOP	PUF	100,000.00
2-271	Concert Hall	IOP	PUF	100,000.00
2-244	Faculty Office Building and Center	IOP	PUF	100,000.00
2-222	Tennis Center Expansion	PUF PUF PUF	BRB CFB IOP	200,000.00 170,000.00 925,000.00

end

- ;- Building Revenue Bond Proceeds
- ;- Combined Fee Revenue Bond Proceeds
- ;- Interest on Proceeds
- ;- Permanent University Fund Bond Proceeds

Project No. 102-244 - Faculty Office Building and Center

order to complete funding of this approved project, it is recommended that an additional 70,000 be appropriated from interest on construction funds - Account No. [REDACTED]

Project No. 102-221 - Increase Project Cost and Appropriate Additional Funds--Clark Field Baseball Facility

transfer funds in the amount of \$105,000 for additional retaining walls, fencing, and seating, requiring change orders. Source of funds - Interest on Construction Funds, Account No. [REDACTED]



THE UNIVERSITY OF TEXAS AT DALLAS

OFFICE OF THE PRESIDENT

March 22, 1974

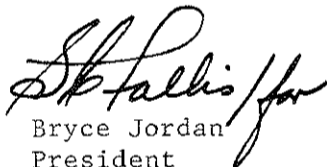
Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the May 3, 1974 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Bryce Jordan', written over the printed name.

Bryce Jordan
President

BJ:cs
Attachment

Pg. —————

THE UNIVERSITY OF TEXAS AT DALLAS

GIFTS

The following gifts in excess of \$5,000 have been received at The University of Texas at Dallas. I recommend acceptance and that the thanks and appreciation of the Board be sent the donors by the Secretary.

<u>DONOR</u>	<u>PURPOSE AND CONDITIONS</u>	<u>AMOUNT</u>
1. Mr. W. E. Cooper President Dallas Market Center Company 2100 Stemmons Freeway Dallas, Texas 75207	Graduate Program in International Management.	\$ 5,000.00
2. Mr. & Mrs. Cecil H. Green Texas Instruments Incorporated P. O. Box 5474, MS 230 Dallas, Texas 75222	Cecil H. and Ida M. Green Library Fund.	\$104,350.00
3. Mr. Harold S. Geneen Chairman & Chief Executive Officer International Telephone and Telegraph Corporation 320 Park Avenue New York, New York 10022	Graduate Program in International Management.	\$ 10,000.00
4. The McDermott Foundation 3300 Republic Bank Tower Dallas, Texas 75201	McDermott Art Acquisition Fund.	\$ 70,203.38

ACADEMIC AND BUSINESS CONTRACTS AND AGREEMENTS

1. Interagency Contract IAC (74-75)-0649 dated January 22, 1974 with the Office of Information Services, Executive Department at Austin, signed by Vice President for Business Affairs, S. C. Fallis, whereby The University of Texas at Dallas, Performing Agency, provides switchboard attendant service in support of the TEX-AN System to the Office of Information Services, Executive Department, Receiving Agency, during the period from February 15, 1974 thru August 31, 1975, for an amount not to exceed \$9,879.00.

THE UNIVERSITY OF TEXAS AT DALLAS

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL)

BOARD OF REGENTS MEETING - MAY 3, 1974

The following contracts, grants and amendments have been signed by the appropriate official upon the recommendation of the respective technical directors, fiscal officers, and the Assistant Director of the Center for Advanced Studies.

Expenditures from these contracts and grants will be made in accordance with regular University operating procedures and contractual limitations. Personnel appointments and changes will be in accordance with University salary rates and approvals. Travel and purchasing conform to established procedures.

1. Agency: Air Force Office of Scientific Research, USAF
 Grant No.: AFOSR-73-2505, Amendment B (UTD E1328-01)
 Principal
 Investigator: Polykarp Kusch
 New Funds: None
 Date: January 7, 1974
 Description: Optical Molecular Spectroscopy
 County of
 Expenditure: Dallas/Collin

2. Agency: Air Force Systems Command, USAF
 Contract No.: F19628-72-C-0230, Modification No. P00002 (UTD E1305-02)
 Principal
 Investigator: John D. Winningham
 New Funds: \$7,000
 Date: December 19, 1973
 Description: Auroral Data Analysis
 County of
 Expenditure: Dallas/Collin

3. Agency: Air Force Systems Command, USAF
 Contract No.: F19628-73-C-0285, Modification No. P00001 (UTD E1662-02)
 Principal
 Investigator: Mark Landisman
 New Funds: \$35,000
 Date: January 11, 1974
 Description: Research for Determining Propagation Characteristics for ARPA's Norwegian Array.
 County of
 Expenditure: Dallas/Collin

4. Agency: General Research Support Branch, Division of Research Resources, DHEW
 Grant No.: 3 S05 RR07133-04S1 (UTD E1667-04)
 Principal
 Investigator: Royston C. Clowes
 New Funds: \$28,291 Direct Costs Only
 Date: June 1, 1974~~3~~ - May 31, 1974
 Description: Biomedical Sciences Support Grant
 County of
 Expenditure: Dallas/Collin

THE UNIVERSITY OF TEXAS AT DALLAS

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL) (continued)

5. Agency: NASA/Goddard Space Flight Center
 Contract No.: NAS5-11003, Modification No. 17 (UTD E1478)
 Principal
 Investigator: John H. Hoffman
 New Funds: None
 Date: February 27, 1974 - June 30, 1974
 Description: Composition Measurements of the Topside Ionosphere Using
 a Magnetic Mass Spectrometer.
 County of
 Expenditure: Dallas/Collin
6. Agency: NASA/Goddard Space Flight Center
 Contract No.: NAS5-11407, Modification No. 9 (UTD E1677)
 Principal
 Investigator: William B. Hanson
 New Funds: None
 Date: February 20, 1974
 Description: Atmosphere Explorer Planar Ion Trap Experiment.
 County of
 Expenditure: Dallas/Collin
7. Agency: NASA/Goddard Space Flight Center
 Contract No.: NAS5-11407, Modification No. 10 (UTD E1677)
 Principal
 Investigator: William B. Hanson
 New Funds: \$33,381
 Date: January 31, 1974
 Description: Atmosphere Explorer Planar Ion Trap Experiment.
 County of
 Expenditure: Dallas/Collin
8. Agency: NASA/Headquarters
 Grant No.: NGL 44-004-130, Supplement No. 2 (UTD E1306-03)
 Principal
 Investigator: Francis S. Johnson
 New Funds: \$200,000
 Date: April 1, 1974 - March 31, 1977
 Description: Research in Space Science and Technology.
 County of
 Expenditure: Dallas/Collin
9. Agency: NASA/Lyndon B. Johnson Space Center
 Contract No.: NAS 9-8767, Supplemental Agreement No. 6-S (UTD E1638)
 Principal
 Investigator: Charles E. Helsley
 New Funds: \$1,509.45
 Date: January 10, 1974
 Description: Investigation of the Maximum Magnetic Field Ever Present
 on the Moon.
 County of
 Expenditure: Dallas/Collin

THE UNIVERSITY OF TEXAS AT DALLAS

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL) (continued)

10. Agency: National Institute of General Medical Sciences, DHEW
 Grant No.: 5 R01 GM15142-06 (UTD E1606-06)
 Principal
 Investigator: Hans Bremer
 New Funds: \$35,250 Direct Costs Only
 Date: April 1, 1974 - March 31, 1975
 Description: In Vitro Synthesis of RNA.
 County of
 Expenditure: Dallas/Collin
11. Agency: National Institute of General Medical Sciences, DHEW
 Grant No.: 5 R01 GM16547-09 (UTD E1455-09)
 Principal
 Investigator: Claud S. Rupert
 New Funds: \$43,452 Direct Costs Only
 Date: March 1, 1974 - February 28, 1975
 Description: Repair of Radiation-Damaged Nucleic Acid
 County of
 Expenditure: Dallas/Collin
12. Agency: National Science Foundation
 Grant No.: Grant GA-37196, Amendment No. 1 (UTD E1325-01)
 Principal
 Investigator: Mark Landisman
 New Funds: None
 Date: February 15, 1973 - May 31, 1975
 Description: Seismic and Gravity Study of the Tectonics of Continental Collision in Southern Asia.
 County of
 Expenditure: Dallas/Collin
13. Agency: National Science Foundation
 Grant No.: GA-37199X1 (UTD E1671-04)
 Principal
 Investigator: Mark Landisman
 New Funds: \$43,500
 Date: February 15, 1974 - July 31, 1975
 Description: High Resolution Electrical Study of a Low-Resistivity, Low Velocity Zone Related to Tectonics in the Continental Crust.
 County of
 Expenditure: Dallas/Collin
14. Agency: National Science Foundation
 Grant No.: GA-41676X (UTD E1338-01)
 Principal
 Investigator: William B. Hanson
 New Funds: \$50,600
 Date: February 1, 1974 - July 31, 1975
 Description: Upper Atmospheric Studies Using Combined Incoherent Scatter, Photometric, and Satellite Borne Measurements.
 County of
 Expenditure: Dallas/Collin

THE UNIVERSITY OF TEXAS AT DALLAS

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL) (continued)

15. Agency: National Science Foundation
Grant No.: GA-41698 (UTD E1339-01)
Principal
Investigator: Charles E. Helsley
New Funds: \$16,100
Date: February 1, 1974 - July 31, 1975
Description: A Land Sea Seismic Refraction Experiment Along the South Coast of Mexico.
County of
Expenditure: Dallas/Collin
16. Agency: National Science Foundation
Grant No.: GA-41747 (UTD E1340-01)
Principal
Investigator: David J. Bennett
New Funds: \$20,300
Date: January 15, 1974 - June 30, 1975
Description: A Magnetometer Array Study in West Texas and Southern New Mexico.
County of
Expenditure: Dallas/Collin
17. Agency: Office of Naval Research
Contract No.: N00014-67-A-0310-0007, Modification No. 03 (UTD E1307-03)
Principal
Investigator: Carl B. Collins
New Funds: \$100,000
Date: December 31, 1973
Description: Electron Beam-Excited Recombination Laser Feasibility.
County of
Expenditure: Dallas/Collin

THE UNIVERSITY OF TEXAS AT DALLAS
AMENDMENTS TO THE 1973/74 OPERATING BUDGET

BOARD OF REGENTS MEETING - MAY 3, 1974

GENERAL ADMINISTRATION

Office of the President

1. Transfer of Funds
 Amount of Transfer - \$ 496

From:	Office of the President Staff Services	\$ 496
To:	Office of the President Wages	\$ 496

To provide for temporary help (D81).

2. Revise the appointment of James L. Crowson from Assistant to the President to Vice President with no change in duty assignments or salary rate effective March 1, 1974 (D96).

Planning and Management Systems

3. Transfer of Funds
 Amount of Transfer - \$ 1,000

From:	Campus Planning Maintenance and Operation	\$ 1,000
To:	Planning and Management Systems Travel	\$ 500
	Planning and Management Systems Maintenance and Operation	500

To support Campus Planning activities undertaken by the Office of Planning and Management Systems (D80).

Unallocated General Administration

4. Transfer of Funds
 Amount of Transfer - \$24,000

From:	Unallocated General Administration Computer Services	\$24,000
To:	Registration and Admissions Computer Services	\$ 2,000
	Planning and Management Systems Computer Services	3,000
	Budget Office Computer Services	3,000
	Administrative Data Processing Computer Services	11,000
	Accounting Computer Services	5,000

To provide additional funds for computing services for the Administrative Departments (D76).

THE UNIVERSITY OF TEXAS AT DALLAS

AMENDMENTS TO THE 1973/74 OPERATING BUDGET (continued)RESIDENT INSTRUCTIONGraduate Program in Chemistry

5. Transfer of Funds

Amount of Transfer - \$ 1,200

From: Graduate Program in Chemistry Faculty Salaries \$ 1,200

To: Graduate Program in Chemistry Maintenance and
Operation \$ 1,200To provide for consulting fees for guest lecturers in
Chemistry 581 (D79).Unallocated Resident Instruction

6. Transfer of Funds

Amount of Transfer - \$ 4,750

From: Unallocated Resident Instruction Computer Services \$ 4,750

To: Graduate Program in Geosciences Computer Services \$ 1,250

Graduate Program in Mathematical Sciences Computer
Services 2,500Graduate Program in Management and Administrative
Sciences Computer Services 1,000To provide additional funds for computing services for the
Graduate Programs (D77).ORGANIZED RESEARCHInstitute for Geological Sciences

7. Transfer of Funds

Amount of Transfer - \$ 1,364

From: Institute for Geological Sciences Maintenance and
Operation \$ 1,364To: Institute for Geological Sciences Classified
Salaries \$ 1,364

To provide funds for a Technical Staff Assistant position (D82).

THE UNIVERSITY OF TEXAS AT DALLAS

AMENDMENTS TO THE 1973/74 OPERATING BUDGET (continued)ORGANIZED RESEARCH (continued)Institute for Molecular Biology

8. Transfer of Funds

Amount of Transfer - \$ 2,642

From: Unallocated Resident Instruction Faculty Salaries \$ 2,642

To: Institute for Molecular Biology Research Assistants \$ 2,642

To provide for the establishment of a Research Assistant position (D83).

Unallocated Organized Research

9. Transfer of Funds

Amount of Transfer - \$ 8,000

From: Unallocated Organized Research Computer Services \$ 8,000

To: Institute for Geological Sciences Computer Services \$ 2,000

Institute for Mathematical Sciences Computer
Services 800Institute for Environmental Sciences Computer
Services 200

Institute for Chemical Sciences Computer Services 5,000

To provide additional funds for computing services for the
Organized Research Institutes (D78).

THE UNIVERSITY OF TEXAS AT EL PASO
El Paso, Texas

March 18, 1974

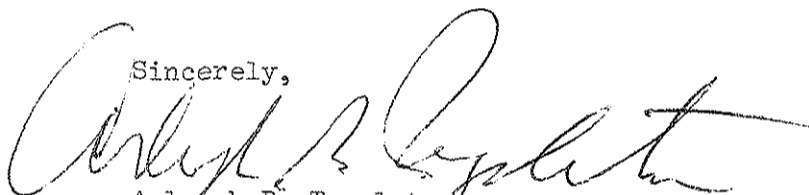
Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the May 3, 1974 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,



Arleigh B. Templeton
President



The University of Texas at El Paso
El Paso, Texas

Docket for Meeting of May 3, 1974

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GIFTS

The following gift has been received by The University of Texas at El Paso. I recommend acceptance and that expressions of thanks and appreciation of the Board be sent the donor by the Secretary.

<u>Donor</u>	<u>Purpose and Condition</u>	<u>Amount</u>
1. Russell Sage Foundation 230 Park Avenue New York, New York 10017 Mr. Hugh F. Cline, President	Cross-National Border Urbanization Study Fund	\$5,000.00

The University of Texas at El Paso
Grants, Contracts and Agreements (State)
May 3, 1974

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I recommend approval of the following interagency contract:

Interagency Contract IAC(74-75)-0653 between the Office of Information Services, Executive Department and The University of Texas at El Paso whereby the University will be provided in-state long distance voice telephone services on the Texas Agency Network and digital network services as requested. The contract is to begin on January 1, 1974 (or later activation date of TEX-AN network) and shall terminate on August 31, 1975. The total amount of the contract shall not exceed \$14,340.00. The contract was approved by the Board of Control on January 21, 1974.

The University of Texas at El Paso
Grants, Contracts and Amendments (Federal)

May 3, 1974

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The following contracts, grants and amendments have been negotiated and have been signed by me upon the recommendation of the directors of the projects. I recommend your approval and ratification of the signatures.

1. Contract No. DAAD07-74-C-0103, dated December 14, 1973, whereby the Contracting Officer, Procurement Directorate, Building 1830, STEWS-PR-C, White Sands Missile Range, New Mexico 88002, awards the estimated cost of \$70,515.00 for the period December 14, 1973 through December 31, 1975 for Data Collection and Analysis Development. However, only \$44,072.00 has been obligated at this time. The remaining amount of funding is contingent upon the availability of appropriated funds. The majority of the expenditures from this award will be made in El Paso County.
2. Grant No. 60868 74/01, dated December 1, 1973, whereby the Acting Director, Office of National Programs, Manpower Administration, U. S. Department of Labor, Washington, D. C. 20210, awards \$186,266.00 to the High School Equivalency Program for the period December 1, 1973 through August 31, 1974. The majority of the expenditures from this award will be made in El Paso County.
3. Delivery Order No. DABT51-74-D-3618, dated January 29, 1974, to Contract No. DAKF49-74-A-0093, whereby the Contracting Officer, Procurement Division, DIO, P. O. Box 6078, Fort Bliss, Texas 79906, authorizes one named student to be enrolled in the Spring Semester and Summer Session, 1974, at an estimated cost of \$1,180.00. The majority of the expenditures from this award will be made in El Paso County.
4. Order No. DABT51-74-D-3637 MR, dated February 11, 1974, to Basic Agreement No. DABD07-71-A-0001, whereby the Contracting Officer, Procurement Division, DIO, P.O. Box 6078, Fort Bliss, Texas 79906, requests that 273 students be enrolled in 1,337 semester hours in the on-post program during the Spring Semester, 1974, for which the government undertakes the total obligation of \$10,237.50. The majority of expenditures from this award will be made in El Paso County.
5. Order No. DABT51-74-D-3645, dated February 15, 1974, to Basic Agreement No. DABE32-73-A-0002, whereby the Contracting Officer, Procurement Division, DIO, P. O. Box 6078, Fort Bliss, Texas 79906, requests that 5 students be enrolled for 27 credit hours in the on-campus program during the Spring Semester, 1974, for which the government undertakes the total obligation of \$343.00. The majority of the expenditures from this award will be made in El Paso County.
6. Modification 1, dated June 28, 1973, to Contract No. IA-16354-24, whereby the Contracting Officer, U. S. Information Agency, Contract and Procurement Division, IOA/CP, 1776 Pennsylvania Avenue, N. W., Washington, D. C. 20547, terminates part of the contract for the convenience of the Government and makes certain performance schedule and other changes as mutually agreed by both parties June 28, 1973.
7. Letter Award, dated February 27, 1974, to Grant No. OEG-0-73-1267(715), whereby the Contracting Officer, Contracts/Grants Division, 400 Maryland Avenue, S.W., Room 1071, Washington, D. C. 20202, re-allocates \$14,040.00 to the first In-Service Year, 8th Cycle, of the Teacher Corps Project. The majority of the expenditures from this award will be made in El Paso County.
8. Revision No. 1, dated March 6, 1974, to Contract No. OEG-0-73-1267(715), whereby the Grants Officer, Office of Education, Department of Health, Education and Welfare, Washington, D. C. 20202, awards \$20,000.00 to the Teacher Corps In-Service Volunteer Community Component Eighth Cycle for the period January 24, 1974 through May 24, 1974. All other terms and conditions remain unchanged. The majority of the expenditures from this award will be made in El Paso County.
9. Contract No. V349V-2274, dated February 1, 1973, whereby the Adjudication Officer, V.A. Regional Office, 1400 North Valley Mills Drive, Waco, Texas 76710, agrees to pay not in excess of \$3.00 per hour for private individual reading services and special assistance to handicapped veterans during the period February 1, 1973 through January 31, 1974. The original document is on file in the V. A. Main Office in Washington, D. C.

The University of Texas at El Paso
Amendments to 1973-74 Operating Budget
 May 3, 1974

EDUCATIONAL AND GENERALGENERAL ADMINISTRATION AND STUDENT SERVICESOffice of the President

1. Appoint Laura A. Hinton as Secretary effective January 21 through August 31, 1974, at an annual rate of \$4,944.00 with the necessary funds in the amount of \$3,030.19 to come from Unallocated Salaries - Other. (RBC 272)

Office of the Business Manager

2. Appoint Dwight L. Shewmaker as Accountant I effective January 7 through August 31, 1974, at an annual rate of \$9,024.00 with the necessary funds in the amount of \$5,870.45 to come from Unallocated Salaries - Other. (RBC 200)

Student Counseling Service

3. Reappoint Patricia A. Cox as Counselor Intern (1/2 Time) effective June 1 through August 31, 1974, at her full-time annual rate of \$7,100.00 with the necessary funds in the amount of \$887.50 to come from Unallocated Salaries - Other. (RBC 184)

RESIDENT INSTRUCTIONCOLLEGE OF BUSINESS ADMINISTRATIONAccounting

4. Reappoint Charles M. Fruithandler (non-tenure) as Instructor (1/2 Time) effective January 16, 1974 for the 1974 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from the appropriation for Instructors, Part-time. (RBC 236)

5. Reappoint Paul J. Ellenburg (non-tenure) as Instructor (1/2 Time) effective January 16, 1974 for the 1974 Spring Semester, at his full-time nine-months rate of \$6,400.00 with the necessary funds in the amount of \$1,600.00 to come from the appropriation for Instructors, Part-time. (RBC 237)

6. Reappoint Murray J. Manning (non-tenure) as Instructor (1/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at his full-time nine-months rate of \$6,400.00 with the necessary funds in the amount of \$800.00 to come from the appropriation for Instructors, Part-time. (RBC 238)

7. Reappoint Ellen D. Pistorius (non-tenure) as Instructor (1/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at her full-time nine-months rate of \$6,400.00 with the necessary funds in the amount of \$800.00 to come from the appropriation for Instructors, Part-time. (RBC 239)

Business

8. Change the status of Charles E. Stenicka (tenure) from Associate Professor (1/3 Time) for the period January 16 through August 31, 1974 to Associate Professor (Full-time) effective January 16, 1974 for the 1974 Spring Semester, at his nine-months rate of \$18,612.00 with the necessary additional funds in the amount of \$4,136.00 to come from the appropriation for Instructors, Part-time. (RBC 205)

9. Reappoint Rita C. Chrane (non-tenure) as Lecturer (3/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$3,000.00 to come from the appropriation for Instructors, Part-time. (RBC 240)

10. Appoint Anita Ashton (non-tenure) as Lecturer (1/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from the appropriation for Instructors, Part-time. (RBC 241)

11. Reappoint Carl T. Johnson (non-tenure) as Lecturer (1/2 Time) effective January 16, 1974 for the 1974 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from the appropriation for Instructors, Part-time. (RBC 242)

12. Reappoint Jeannie Dreckman (non-tenure) as Lecturer (3/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at her full-time nine-months rate of \$5,600.00 with the necessary funds in the amount of \$2,100.00 to come from the appropriation for Instructors, Part-time. (RBC 243)

RESIDENT INSTRUCTION (CONTINUED)COLLEGE OF BUSINESS ADMINISTRATION (CONTINUED)Business (Continued)

13. Appoint David R. Rosado (non-tenure) as Lecturer (1/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from the appropriation for Instructors, Part-time. (RBC 244)

14. Appoint John C. McArdle, Jr. (non-tenure) as Lecturer (1/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from the appropriation for Instructors, Part-time. (RBC 245)

15. Appoint Charles M. Fruithandler (non-tenure) as Lecturer (1/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from the appropriation for Instructors, Part-time. (RBC 246)

Economics and Finance

16. Appoint Carl P. Kaiser (non-tenure) as Lecturer (1/2 Time) effective January 16, 1974 for the 1974 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 185)

17. Reappoint Richard J. Pane (non-tenure) as Lecturer (1/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 224)

18. Reappoint Robert N. Chaplin (non-tenure) as Lecturer (1/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 225)

Office of the Dean - College of Business Administration

19. Accept the resignation of Charles E. Stenicka, Dean, Ad Interim (2/3 Time), effective January 15, 1974, and lapse to Unallocated Salaries - Other \$10,340.00 budgeted for this position. Dr. Stenicka will return to full-time teaching. (RBC 204)

COLLEGE OF EDUCATIONCurriculum and Instruction

20. Change the status of Richard W. Burns (tenure) from Professor (Full-time) to Professor (3/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at his full-time nine-months rate of \$17,372.00 and lapse to Unallocated Salaries - Faculty \$2,171.00 budgeted for this position. He will also serve as Professor (1/4 Time) in Grant OEG-0-73-1-1267(715) - Teacher Corps, 8th CYC, 1st Year In-Service. (RBC 227)

21. Change the status of Hilmar E. Wagner (tenure) from Associate Professor (Full-time) to Associate Professor (3/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at his full-time nine-months rate of \$13,236.00 and lapse to Unallocated Salaries - Faculty \$1,654.00 budgeted for this position. He will also serve as Associate Professor (1/4 Time) in Grant OEG-0-73-1-1267(715) - Teacher Corps, 8th CYC, 1st Year In-Service. (RBC 229)

22. Appoint Arthur J. Flores (non-tenure) as Lecturer effective January 16, 1974 for the 1974 Spring Semester, at a nine-months rate of \$10,000.00 with the necessary funds in the amount of \$5,000.00 to come from Unallocated Salaries - Faculty. (RBC 231)

23. Appoint Barbara E. Burgess (non-tenure) as Lecturer effective January 16, 1974 for the 1974 Spring Semester, at a nine-months rate of \$4,050.00 with the necessary funds in the amount of \$2,025.00 to come from Unallocated Salaries - Faculty. (RBC 232)

24. Appoint Alma Barba (non-tenure) as Adjunct Assistant Professor effective January 16, 1974 for the 1974 Spring Semester. She serves in HEW Grant OEG-0-73-1-1267(715) - Teacher Corps, 8th CYC, 1st Year In-Service. (RBC 248)

25. Appoint Judy Solis (non-tenure) as Adjunct Assistant Professor effective January 16, 1974 for the 1974 Spring Semester. She serves in HEW Grant OEG-0-73-1-1267(715) - Teacher Corps, 8th CYC, 1st Year In-Service. (RBC 249)

RESIDENT INSTRUCTION (CONTINUED)COLLEGE OF EDUCATION (CONTINUED)Curriculum and Instruction (Continued)

26. Change the status of Stanley E. Ball (tenure) from Assistant Professor (Full-time) to Assistant Professor (3/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at his full-time nine-months rate of \$12,408.00 and lapse to Unallocated Salaries - Faculty \$1,551.00 budgeted for this position. He will also serve as Director (1/4 Time) in Region XIII TCIES/SISP Project. (RBC 278)
27. Appoint Ora J. Clarkson (non-tenure) as Lecturer effective February 25, 1974 for the remainder of the 1974 Spring Semester, at a nine-months rate of \$12,886.00 with the necessary funds in the amount of \$4,500.00 to come from the appropriation for Teaching Assistants in the amount of \$773.14 and from Unallocated Salaries - Faculty in the amount of \$3,726.86. (RBC 280)
28. Appoint Geraldine G. Murphy (non-tenure) as Lecturer effective February 25, 1974 for the remainder of the 1974 Spring Semester, at a nine-months rate of \$12,886.00 with the necessary funds in the amount of \$4,500.00 to come from Unallocated Salaries - Faculty. (RBC 281)

Educational Psychology and Guidance

29. Appoint Paul W. Welch (non-tenure) as Lecturer effective January 16, 1974 for the 1974 Spring Semester, at a nine-months rate of \$5,000.00 with the necessary funds in the amount of \$2,500.00 to come from Unallocated Salaries - Faculty. (RBC 215)
30. Appoint Roberto Reyes (non-tenure) as Lecturer effective January 16, 1974 for the 1974 Spring Semester, at a nine-months rate of \$5,000.00 with the necessary funds in the amount of \$2,500.00 to come from Unallocated Salaries - Faculty. (RBC 214)
31. Accept the resignation of Ronald V. Kidd (non-tenure), Assistant Professor, effective January 15, 1974, and lapse to Unallocated Salaries - Faculty \$5,687.00 budgeted for this position. (RBC 223)
32. Appoint Angela J. Schroder (non-tenure) as Lecturer (1/2 Time) effective January 16, 1974 for the 1974 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 226)
33. Appoint Lawrence S. Hamilton (non-tenure) as Adjunct Assistant Professor effective January 16, 1974 for the 1974 Spring Semester. He serves without salary from the University. (RBC 293)
34. Appoint John C. Hatcher (non-tenure) as Adjunct Assistant Professor effective January 16, 1974 for the 1974 Spring Semester. He serves without salary from the University. (RBC 293)
35. Appoint Donald C. Medeiros (non-tenure) as Adjunct Assistant Professor effective January 16, 1974 for the 1974 Spring Semester. He serves without salary from the University. (RBC 293)
36. Appoint Anthony G. Zold (non-tenure) as Adjunct Assistant Professor effective January 16, 1974 for the 1974 Spring Semester. He serves without salary from the University. (RBC 293)

COLLEGE OF ENGINEERINGCivil Engineering

37. Appoint Jimmie M. Shoults (non-tenure) as Adjunct Lecturer effective January 16, 1974 for the 1974 Spring Semester. He serves without salary from the University. (RBC 186)

Electrical Engineering

38. Accept the resignation of Yu-Cheng Liu (non-tenure), Assistant Professor, effective January 15, 1974, and lapse to Unallocated Salaries - Faculty \$6,514.50 budgeted for this position. (RBC 212)
39. Appoint Clyde R. Nichols (non-tenure) as Professor (1/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at a full-time nine-months rate of \$16,000.00 with the necessary funds in the amount of \$2,000.00 to come from Unallocated Salaries - Faculty. (RBC 213)

RESIDENT INSTRUCTION (CONTINUED)COLLEGE OF ENGINEERING (CONTINUED)Electrical Engineering (Continued)

40. Change the status of Fredrick J. Taylor (tenure) from Associate Professor (Full-time) to Associate Professor (3/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at his full-time nine-months rate of \$15,304.00 and lapse to Unallocated Salaries - Faculty \$1,913.00 budgeted for this position. He will also serve as Research Engineer (1/4 Time) in Contract DAAD07-74-C-0103 - Data Collection and Analysis Development. (RBC 250)

41. Change the status of Carlos McDonald (tenure) from Assistant Professor (3/4 Time) to Assistant Professor (1/2 Time) effective January 16, 1974 for the 1974 Spring Semester, at his full-time nine-months rate of \$12,925.00 and lapse to Unallocated Salaries - Faculty \$1,616.00 budgeted for this position. He will also serve as Research Engineer (1/2 Time) in Contract DAAD07-72-C-0257 - Upper Atmospheric Research. (RBC 252)

Mechanical Engineering

42. Change the status of John A. Fillo (non-tenure) from Associate Professor (Full-time) to Associate Professor (1/2 Time) effective January 16, 1974 for the 1974 Spring Semester, at his full-time nine-months rate of \$16,544.00 and lapse to Unallocated Salaries - Faculty \$4,136.00 budgeted for this position. He will also serve as Research Specialist (1/2 Time) in Contract DAHCO4-74-G-0091 - Variational Initialization. (RBC 254)

43. Appoint Garry O. Hawkins (non-tenure) as Assistant Professor (Visiting) (1/2 Time) effective January 16, 1974 for the 1974 Spring Semester, at a full-time nine-months rate of \$9,600.00 with the necessary funds in the amount of \$2,400.00 to come from Unallocated Salaries - Faculty. He will also serve as Research Specialist (Part-time) in Contract DAHCO4-74-G-0091 - Variational Initialization. (RBC 256)

COLLEGE OF LIBERAL ARTSArt

44. Reappoint John W. Hogan (non-tenure) as Instructor (1/2 Time) effective January 16, 1974 for the 1974 Spring Semester, at his full-time nine-months rate of \$6,400.00 with the necessary funds in the amount of \$1,600.00 to come from the appropriation for Instructors, Part-time. (RBC 258)

Criminal Justice Program

45. Appoint Henry Pena (non-tenure) as Lecturer (Visiting) (1/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at a full-time nine-months rate of \$1,600.00 with the necessary funds in the amount of \$200.00 to come from the appropriation for Lecturers, Part-time. (RBC 273)

46. Appoint George M. Wagnon, Jr. (non-tenure) as Lecturer (Visiting) (1/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at a full-time nine-months rate of \$3,200.00 with the necessary funds in the amount of \$400.00 to come from the appropriation for Lecturers, Part-time. (RBC 274)

47. Reappoint Chester McLaughlin (non-tenure) as Lecturer (Part-time) effective January 16, 1974 for the 1974 Spring Semester, at his full-time nine-months rate of \$5,600.00 with the necessary funds in the amount of \$400.00 to come from the appropriation for Lecturers, Part-time. (RBC 275)

English

48. Accept the resignation of Robert T. Bledsoe (non-tenure), Assistant Professor, effective before January 16, 1974, and lapse to Unallocated Salaries - Faculty \$5,687.00 budgeted for this position. (RBC 206)

History

49. Reappoint Oscar J. Martinez (non-tenure) as Instructor (1/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at his full-time nine-months rate of \$10,000.00 with the necessary funds in the amount of \$1,250.00 to come from Unallocated Salaries - Faculty. (RBC 276)

Mass Communication - Radio/Television

50. Change the status of Dallas A. Brown (non-tenure) from Instructor (Full-time) to Instructor (3/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at her full-time nine-months rate of \$7,238.00 and lapse to Unallocated Salaries - Faculty \$905.00 budgeted for this position. (RBC 259)

RESIDENT INSTRUCTION (CONTINUED)COLLEGE OF LIBERAL ARTS (CONTINUED)Mass Communication - Radio/Television (Continued)

51. Reappoint Robert E. Nitzburg (non-tenure) as Instructor (1/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at his full-time nine-months rate of \$7,200.00 with the necessary funds in the amount of \$900.00 to come from Unallocated Salaries - Faculty. (RBC 260)

Modern Languages

52. Remove the name of Alfredo Ortega (non-tenure), Instructor, effective January 19, 1974, and lapse to Unallocated Salaries - Faculty \$4,284.27 budgeted for this position. Mr. Ortega died January 20, 1974. (RBC 262)

53. Appoint Fernando Garcia (non-tenure) as Instructor (3/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$3,000.00 to come from Unallocated Salaries - Faculty. (RBC 263)

Music

54. Reappoint Rene Segapelli (non-tenure) as Instructor (1/5 Time) effective January 16, 1974 for the 1974 Spring Semester, at her full-time nine-months rate of \$7,500.00 with the necessary funds in the amount of \$750.00 to come from Unallocated Salaries - Faculty. (RBC 216)

55. Reappoint Debbie Moore (non-tenure) as Instructor (1/5 Time) effective January 16, 1974 for the 1974 Spring Semester, at her full-time nine-months rate of \$7,500.00 with the necessary funds in the amount of \$750.00 to come from Unallocated Salaries - Faculty. (RBC 261)

Political Science

56. Remove the name of Philip H. Bethune (tenure), Assistant Professor, effective January 15, 1974, and lapse to Unallocated Salaries - Faculty \$5,015.00 budgeted for this position. Mr. Bethune died while on leave of absence during the Fall Semester - 1973. (RBC 202)

57. Reappoint Vicky S. Martinez (non-tenure) as Instructor (3/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$3,000.00 to come from Instructors, Part-time in the amount of \$500.00 and from Unallocated Salaries - Faculty in the amount of \$2,500.00. (RBC 203)

58. Change the status of Vicky S. Martinez (non-tenure) from Instructor (3/4 Time) to Instructor (Full-time) effective January 16, 1974 for the 1974 Spring Semester, at her full-time nine-months rate of \$8,000.00 with the necessary additional funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 264)

Psychology

59. Appoint John C. Hatcher (non-tenure) as Adjunct Assistant Professor effective February 15, 1974 for the remainder of the 1974 Spring Semester. He serves without salary from the University. (RBC 294)

Sociology

60. Reappoint Samuel M. Nunez (non-tenure) as Instructor (1/4 Time) effective January 16, 1974 for the 1974 Spring Semester, at his full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$1,000.00 to come from Unallocated Salaries - Faculty. (RBC 217)

COLLEGE OF SCIENCEMathematics

61. Accept the resignation of William J. Leahey (tenure), Professor, as Department Chairman effective January 15, 1974. He will continue to teach full-time in the department. (RBC 218)

62. Appoint James E. Nymann (tenure), Associate Professor, as Department Chairman effective January 16, 1974. (RBC 219)

63. Transfer of Funds:

From: Wages	\$1,500.00
To: Maintenance and Operation	1,500.00
For: Transfer between dissimilar appropriations to allow the department to service its needs more effectively. (RBC 283)	

41RESIDENT INSTRUCTION (CONTINUED)1974 SUMMER SESSION

64. Approve the following proposed 1974 Summer Session budget in the amount of \$825,062.00 with the funds in the amount of \$649,023.00 to come from the Summer Session appropriation in the 1973-74 Budget and in the amount of \$176,039.00 from Unallocated Salaries - Faculty.

THE UNIVERSITY OF TEXAS AT EL PASO

EL PASO, TEXAS

1974 SUMMER SESSION BUDGET

First Term: June 3 - July 11
Second Term: July 17 - August 23

COLLEGE OF BUSINESS ADMINISTRATION

Accounting	\$ 24,613
Business	61,862
Economics and Finance	<u>28,367</u>
Total College of Business Administration	<u>\$114,842</u>

COLLEGE OF EDUCATION

Curriculum and Instruction	\$ 70,726
Educational Psychology and Guidance	43,316
Educational Administration and Supervision	23,204
Health and Physical Education	<u>30,771</u>
Total College of Education	<u>\$168,017</u>

COLLEGE OF ENGINEERING

Civil Engineering	\$ 15,906
Electrical Engineering	19,526
Mechanical Engineering	15,304
Metallurgical Engineering	<u>11,416</u>
Total College of Engineering	<u>\$ 62,152</u>

COLLEGE OF LIBERAL ARTS

Art	\$ 17,147
Criminal Justice Program	4,861
Drama and Speech	27,094
English	74,077
History	28,546
Linguistics	13,479
Mass Communication - Journalism	4,716
Mass Communication - Radio/Television	4,998
Modern Languages	46,047
Music	15,807
Philosophy	19,682
Political Science	39,528
Psychology	23,584
Sociology	<u>31,392</u>
Total College of Liberal Arts	<u>\$350,958</u>

COLLEGE OF SCIENCE

Biological Sciences	\$ 26,112
Chemistry	23,772
Geological Sciences	18,915
Mathematics	40,790
Physics	<u>19,504</u>
Total College of Science	<u>\$129,093</u>

Total 1974 SUMMER SESSION BUDGET	<u>\$825,062</u>
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Summary of 1974 Summer Session Budget
(Elements of Institutional Costs)

Summer Session Appropriation in 1973-74 Budget (Page 88)	\$649,023
Additional: Transfer from Unallocated Faculty Salaries for Long Session	<u>176,039</u>
	<u>\$825,062</u>

STUDENT INSTRUCTION

Faculty Salaries	<u>\$825,062</u>
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THE UNIVERSITY OF TEXAS AT EL PASO

EL PASO, TEXAS

1974 SUMMER SESSION BUDGET

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			<u>First</u> <u>Term</u>	<u>Second</u> <u>Term</u>	<u>Total</u>
<u>RESIDENT INSTRUCTION</u>					
<u>COLLEGE OF BUSINESS ADMINISTRATION</u>					
<u>ACCOUNTING</u>					
Professor					
	Fayez S. Nourallah	T	\$ 2,930	\$ --	\$ 2,930
	John G. Pate, Jr.	T	--	3,016	3,016
Associate Professor					
	Gerald R. Bovard	T	2,310	2,310	4,620
	F. Brigg Flores	T	2,809	2,809	5,618
	Edward J. Sanders	T	2,154	--	2,154
Assistant Professor					
	Daniel J. Flaherty		2,250	2,250	4,500
	Janie R. Flynt	T	<u>1,775</u>	<u>--</u>	<u>1,775</u>
			<u>\$ 14,228</u>	<u>\$ 10,385</u>	<u>\$ 24,613</u>
<u>BUSINESS</u>					
Professor					
	Allen O. Baylor	T	\$ --	\$ 2,671	\$ 2,671
	Lola B. Dawkins	T	2,671	2,671	5,342
	Everett G. Dillman	T	2,861	2,861	5,722
	Edward Y. George	T	3,240	--	3,240
	Wade J. Hartrick	T	2,671	2,671	5,342
	Sherwood H. Peres	T	--	3,085	3,085
Associate Professor					
	Lawrence P. Blanchard	T	919(1/3)	919(1/3)	1,838
	John R. Foster		3,068	3,068	6,136
	Charles E. Stenicka	T	3,102	3,102	6,204
Assistant Professor					
	Donald K. Freeland	T	1,775	1,775	3,550
	Arthur S. Gifford	T	2,154	2,154	4,308
232	\$ 1,232		1,232(1/2)	1,232(1/2)	2,464
Director, Bureau of Business and Economic Research (1/2 Time)					
233	<u>1,232</u>				
465	<u>\$ 2,464</u>				
Total Salary					
	Gary E. Popp		2,327	--	2,327
	I. Thomas Sheppard		2,067	--	2,067
	George C. Tompkins	T	1,879	--	1,879
	Hector M. Zavaleta		1,982	1,982	3,964
Instructor					
	Gertrude W. Dawson		<u>1,723</u>	<u>--</u>	<u>1,723</u>
			<u>\$ 33,671</u>	<u>\$ 28,191</u>	<u>\$ 61,862</u>
<u>ECONOMICS AND FINANCE</u>					
Professor					
	Paul E. Fenlon	T	\$ 3,343	\$ 1,672(1/2)	\$ 5,015
	Paul D. Zook	T	3,102	3,102	6,204
Associate Professor					
	Michael Brand	T	2,206	--	2,206
	Philip Duriez	T	1,327(1/2)	2,654	3,981
	Dilmus D. James	T	2,413	--	2,413

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			<u>First</u> <u>Term</u>	<u>Second</u> <u>Term</u>	<u>Total</u>
<u>ECONOMICS AND FINANCE (Continued)</u>					
Assistant Professor					
		T	\$ --	\$ 2,137	\$ 2,137
		T	1,103(1/2)	2,206	3,309
			<u>1,034(1/2)</u>	<u>2,068</u>	<u>3,102</u>
			<u>\$ 14,528</u>	<u>\$ 13,839</u>	<u>\$ 28,367</u>
Total College of Business Administration					
			<u>\$ 62,427</u>	<u>\$ 52,415</u>	<u>\$114,842</u>
<u>COLLEGE OF EDUCATION</u>					
<u>CURRICULUM AND INSTRUCTION</u>					
Professor					
		T	\$ 2,982	\$ 2,982	\$ 5,964
		T	2,895	1,448(1/2)	4,343
		T	2,413	2,413	4,826
Associate Professor					
		T	2,240	2,240	4,480
			2,240	2,240	4,480
		T	2,068	2,068	4,136
		T	2,154	2,154	4,308
		T	--	2,585	2,585
		T	2,585	2,585	5,170
.103	\$ 1,103	T	1,103(1/2)	1,103(1/2)	2,206
		Associate Professor, Educational Psychology and Guidance (1/2 Time)			
.103	<u>1,103</u>	Total Salary			
.206	<u>\$ 2,206</u>				
Assistant Professor					
		T	1,861	--	1,861
		T	--	1,034(1/2)	1,034
			1,810	--	1,810
		T	1,586	793(1/2)	2,379
		T	--	1,758	1,758
		T	1,637	819(1/2)	2,456
Instructor					
			1,717	1,717	3,434
		T	750(1/2)	1,499	2,249
			1,379	1,379	2,758
		T	1,637	819(1/2)	2,456
Lecturer					
--	\$ 733		--	733(1/2)	733
		Lecturer, Educational Psychology and Guidance (1/2 Time)			
--	<u>733</u>	Total Salary			
--	<u>\$ 1,466</u>				
		(Visiting)			
			--	800	800
Teaching Assistants					
			<u>2,250</u>	<u>2,250</u>	<u>4,500</u>
			<u>\$ 35,307</u>	<u>\$ 35,419</u>	<u>\$ 70,726</u>
<u>EDUCATIONAL PSYCHOLOGY AND GUIDANCE</u>					
Professor					
		T	\$ 2,637	\$ 2,637	\$ 5,274
		T	2,637	2,637	5,274
Associate Professor					
		T	2,325	2,325	4,650
		T	1,948	1,948	3,896
.103	\$ 1,103	T	1,103(1/2)	1,103(1/2)	2,206
		Associate Professor, Curriculum and Instruction (1/2 Time)			
.103	<u>1,103</u>	Total Salary			
.206	<u>\$ 2,206</u>				
		T	2,413	2,413	4,826

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EDUCATIONAL PSYCHOLOGY AND
GUIDANCE (Continued)

Assistant Professor

Jack P. Landrum	T	\$ 1,723	\$ --	\$ 1,723
Maximino Plata		2,167	2,167	4,334
Nadine H. Prestwood	T	1,534	1,534	3,068
Robert L. Slettedahl		2,016	2,016	4,032

Lecturer

Gwendolyn H. Lawrence	--		733(1/2)	733
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Lecturer, Curriculum and
Instruction (1/2 Time)

-- 733
-- \$ 1,466

Total Salary

(Visiting)

--	800	800
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Teaching Assistants

1,250	1,250	2,500
<u>\$ 21,753</u>	<u>\$ 21,563</u>	<u>\$ 43,316</u>

EDUCATIONAL ADMINISTRATION AND
SUPERVISION

Professor

William G. Barber	T	\$ 2,585	\$ 2,585	\$ 5,170
Oscar T. Jarvis	T	3,137	3,137	6,274

Associate Professor

Gary D. Brooks	T	3,180	3,180	6,360
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Assistant Professor

Ronald J. Barber (Visiting)		1,000(3/4)	--	1,000
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<u>2,200</u>	<u>2,200</u>	<u>4,400</u>
<u>\$ 12,102</u>	<u>\$ 11,102</u>	<u>\$ 23,204</u>

HEALTH AND PHYSICAL EDUCATION

Professor

Donald H. Hardin	T	\$ 2,602	\$ 1,301(1/2)	\$ 3,903
William H. Harris	T	2,602	1,301(1/2)	3,903
James G. Mason	T	2,895	1,448(1/2)	4,343

Associate Professor

Benny W. Collins	T	2,516	1,258(1/2)	3,774
Brian J. Kelly	T	2,327	1,163(1/2)	3,490

Assistant Professor

Kathleen P. Craigo	T	--	1,534	1,534
Jerry A. Freischlag		2,068	1,034(1/2)	3,102
Florence L. Glardon	T	--	1,948	1,948
Mona H. Loper	T	--	1,827	1,827
John R. Poteet	T	1,965	982(1/2)	2,947

<u>\$ 16,975</u>	<u>\$ 13,796</u>	<u>\$ 30,771</u>
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Total College of Education

<u>\$ 86,137</u>	<u>\$ 81,880</u>	<u>\$ 168,017</u>
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COLLEGE OF ENGINEERING

CIVIL ENGINEERING

Professor

Howard G. Applegate	T	\$ --	\$ --	\$ --
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Contract Research and
Services - Environmental
Protection Agency Contract
(45% Time)

396 --
396 \$ --

Total Salary

Herbert H. Bartel, Jr.	T	3,550	3,550	7,100
Paul C. Hassler	T	1,040(45%)	--	1,040
William G. Henderson	T	--	1,125(45%)	1,125

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		<u>First Term</u>	<u>Second Term</u>	<u>Total</u>
<u>CIVIL ENGINEERING (Continued)</u>				
Associate Professor				
	Robert Coltharp	T \$ --	\$ 1,513(2/3)	\$ 1,513
	Hong S. Oey	T 1,179(45%)	--	1,179
	David B. Rozendal	T --	2,079(9/10)	2,079
	Phillip W. Young	T --	970(45%)	970
	Teaching Assistants	450	450	900
		<u>\$ 6,219</u>	<u>\$ 9,687</u>	<u>\$ 15,906</u>
<u>ELECTRICAL ENGINEERING</u>				
Professor				
	Michael E. Austin	T \$ 2,761(9/10)	\$ --	\$ 2,761
	Julius O. Kopplin	T 3,447	3,447	6,894
	Jack Smith	T 3,016	--	3,016
Associate Professor				
	Glenn A. Gibson	T 2,482(9/10)	--	2,482
	Joseph H. Pierluissi	T 2,311(9/10)	--	2,311
Assistant Professor				
	Darrell C. Schroder	2,062(9/10)	--	2,062
		<u>\$ 16,079</u>	<u>\$ 3,447</u>	<u>\$ 19,526</u>
<u>MECHANICAL ENGINEERING</u>				
Professor				
	John M. Levosky	T \$ 2,999	\$ 2,999	\$ 5,998
Associate Professor				
	Jack A. Dowdy	T 2,513(9/10)	2,513(9/10)	5,026
Assistant Professor				
	William L. Craver, Jr.	T <u>2,140(9/10)</u>	<u>2,140(9/10)</u>	<u>4,280</u>
		<u>\$ 7,652</u>	<u>\$ 7,652</u>	<u>\$ 15,304</u>
<u>METALLURGICAL ENGINEERING</u>				
Professor				
	Donald P. Kedzie	T \$ 2,869(9/10)	\$ 2,391(3/4)	\$ 5,260
	Frank E. Rizzo	T 2,575(9/10)	--	2,575
Associate Professor				
	Walter R. Roser	T 1,965(3/4)	--	1,965
Assistant Professor				
	James H. Ford	1,616(3/4)	--	1,616
		<u>\$ 9,025</u>	<u>\$ 2,391</u>	<u>\$ 11,416</u>
	Total College of Engineering	<u>\$ 38,975</u>	<u>\$ 23,177</u>	<u>\$ 62,152</u>
<u>COLLEGE OF LIBERAL ARTS</u>				
<u>ART</u>				
Professor				
	Clarke H. Garnsey	T \$ 2,964	\$ 2,964	\$ 5,928
	Wiltz A. Harrison	T 2,637	--	2,637
Associate Professor				
	Ellen W. Coogler	T 2,068	--	2,068
Assistant Professor				
	John C. Arnold	T 1,827	--	1,827
	Sally M. Bishop	T 1,810	--	1,810
	Loren G. Janzen	T --	1,810	1,810
Instructor				
	John W. Hogan	--	1,067	1,067
		<u>\$ 11,306</u>	<u>\$ 5,841</u>	<u>\$ 17,147</u>

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			<u>First</u> <u>Term</u>	<u>Second</u> <u>Term</u>	<u>Total</u>
<u>CRIMINAL JUSTICE PROGRAM</u>					
	Director				
--	\$ 1,198	Joseph B. Graves, Jr.	T \$ --	\$ 1,198(1/2)	\$ 1,198
		Associate Professor, Political Science			
<u>396</u>	<u>--</u>	Total Salary			
<u>396</u>	<u>\$ 1,198</u>				
	Assistant Professor				
	Ernest A. Guinn, Jr.		2,396	--	2,396
	Lecturer				
	Carl Dissly (Visiting)		400(1/2)	--	400
	Chester C. McLaughlin		--	467(1/2)	467
	George M. Wagnon, Jr.		--	400(3/4)	400
			<u>\$ 2,796</u>	<u>\$ 2,065</u>	<u>\$ 4,861</u>
<u>DRAMA AND SPEECH</u>					
	Professor				
	Robert M. Leech	T	\$ 3,878	\$ --	\$ 3,878
	Harold N. Williams	T	2,999	2,999	5,998
	Gifford W. Wingate	T	--	2,757	2,757
	Associate Professor				
	Joseph A. Perozzi	T	2,430	--	2,430
	Assistant Professor				
	Madeline Brand	T	1,603	--	1,603
	Charles L. Etheridge	T	931(1/2)	931(1/2)	1,862
	Jean H. Miculka	T	1,723	--	1,723
	Albert C. Ronke	T	--	1,775	1,775
	John C. Sattler		1,810	--	1,810
	James H. Tucker	T	1,879	--	1,879
	Instructor				
	Joe E. Smith		<u>1,379</u>	<u>--</u>	<u>1,379</u>
			<u>\$ 18,632</u>	<u>\$ 8,462</u>	<u>\$ 27,094</u>
<u>ENGLISH</u>					
	Professor				
	Robert M. Burlingame	T	\$ --	\$ 2,620	\$ 2,620
	Joseph L. Leach	T	3,033	3,033	6,066
	John O. West	T	2,844	--	2,844
	Associate Professor				
	James M. Day	T	--	2,465	2,465
	Robert E. Richeson	T	2,309	2,309	4,618
	Tony J. Stafford	T	2,499	2,499	4,998
	Walter F. Taylor, Jr.	T	2,413	--	2,413
	Jon M. White	T	1,965	--	1,965
	Assistant Professor				
	Robert T. Bledsoe		--	1,896	1,896
	Francis A. Ehmann	T	--	1,896	1,896
	Robert M. Esch	T	862(1/2)	1,723	2,585
	Francis L. Fugate		1,810	--	1,810
	Philip A. Gallagher		1,810	--	1,810
	Stephen Justice	T	1,534	1,534	3,068
	Pauline Kiska	T	1,706	--	1,706
	William R. Lacey	T	1,896	--	1,896
	James K. Mortensen	T	--	1,982	1,982
	Maureen A. Potts		1,465	--	1,465
	Joan P. Quarm	T	1,861	--	1,861
	Lester A. Standiford		--	1,833	1,833
	Marie L. Waddell	T	1,965	--	1,965
	Roberta R. Walker	T	1,896	--	1,896
	Dorothy J. White	T	1,379	--	1,379

Elemental Data
 First Term
 Second Term

			First Term	Second Term	Total
<u>ENGLISH (Continued)</u>					
Instructor					
			\$ --	\$ 1,551	\$ 1,551
			1,706	--	1,706
			1,620	1,620	3,240
			--	1,551	1,551
			--	1,379	1,379
736	\$ --		1,723	--	1,723
			736(PT)	--	736
736	--		Instructor, Sociology (Part-time)		
			Director, Chicano Studies Program (15/100 Time)		
<u>250</u>	<u>250</u>		Total Salary		
<u>722</u>	<u>\$ 250</u>		1,379	1,379	2,758
			--	1,534	1,534
			--	862	862
			<u>\$ 40,411</u>	<u>\$ 33,666</u>	<u>\$ 74,077</u>
<u>HISTORY</u>					
Professor					
		T	\$ 3,102	\$ 3,102	\$ 6,204
		T	--	2,913	2,913
189	\$ 1,189	T	1,189(1/2)	1,189(1/2)	2,378
			Director, Institute of Oral History (1/2 Time)		
<u>189</u>	<u>1,189</u>		Total Salary		
<u>378</u>	<u>\$ 2,378</u>		2,689	1,344(1/2)	4,033
		T	3,033	--	3,033
Assistant Professor					
		T	1,758	1,758	3,516
		T	905(1/2)	--	905
			982(1/2)	982(1/2)	1,964
Teaching Assistants					
			<u>1,800</u>	<u>1,800</u>	<u>3,600</u>
			<u>\$ 15,458</u>	<u>\$ 13,088</u>	<u>\$ 28,546</u>
<u>LINGUISTICS</u>					
Professor					
		T	\$ 2,551	\$ --	\$ 2,551
		T	2,982	2,982	5,964
Assistant Professor					
		T	1,568	--	1,568
			--	1,810	1,810
			<u>1,586</u>	<u>--</u>	<u>1,586</u>
			<u>\$ 8,687</u>	<u>\$ 4,792</u>	<u>\$ 13,479</u>
<u>MASS COMMUNICATION - JOURNALISM</u>					
Assistant Professor					
			\$ --	\$ 1,250(1/2)	\$ 1,250
			<u>1,733</u>	<u>1,733</u>	<u>3,466</u>
			<u>\$ 1,733</u>	<u>\$ 2,983</u>	<u>\$ 4,716</u>
<u>MASS COMMUNICATION - RADIO/ TELEVISION</u>					
Assistant Professor					
			<u>\$ 2,499</u>	<u>\$ 2,499</u>	<u>\$ 4,998</u>
<u>MODERN LANGUAGES</u>					
H. Y. Benedict Professor					
		T	\$ 5,313	\$ 5,313	\$ 10,626
Professor					
		T	--	1,448(1/2)	1,448

lemental Data
st Second
cm Term

		First Term	Second Term	Total
<u>MODERN LANGUAGES (Continued)</u>				
Associate Professor				
Albert I. Bagby, Jr. (Visiting)		\$ --	\$ 2,417	\$ 2,417
Ralph W. Ewton	T	2,447	--	2,447
Diana S. Natalicio	T	1,999	1,999	3,998
William M. Russell	T	--	2,671	2,671
Assistant Professor				
Gloria C. Astiazaran	T	1,896	--	1,896
Jack S. Bailey	T	--	1,810	1,810
Sandra S. Beyer		1,810	--	1,810
Joan H. Bornscheuer		1,008(1/2)	--	1,008
Fred M. Brewer	T	1,896	--	1,896
Ilse H. Irwin	T	--	1,723	1,723
Richard L. Landy	T	1,723	--	1,723
Arturo Perez		1,896	--	1,896
Emma G. Scruggs	T	--	1,723	1,723
John L. Walker		--	1,896	1,896
Instructor				
Eugenia S. Johnson		1,551	--	1,551
Frederick J. Kluck		--	1,758	1,758
Lab Instructor				
Robert L. Cate		875	875	1,750
		<u>\$ 22,414</u>	<u>\$ 23,633</u>	<u>\$ 46,047</u>
<u>MUSIC</u>				
Professor				
Olav E. Eidbo	T	\$ 1,379(1/2)	\$ --	\$ 1,379
Richard E. Henderson	T	2,667	--	2,667
Engebret A. Thormodsgaard	T	--	2,620	2,620
Associate Professor				
Hugh F. Cardon	T	1,577(3/4)	--	1,577
Assistant Professor				
Marcia T. Fountain	T	931(1/2)	--	931
Laurence A. Gibson		--	1,025(1/2)	1,025
Gene R. Lewis		--	1,809(3/4)	1,809
Charles R. Stanley	T	--	1,448(3/4)	1,448
Instructor				
Ingeborg Heuser		1,086(3/4)	--	1,086
C. K. Stribling		965(2/3)	--	965
Instructors, Part-time		150	150	300
		<u>\$ 8,755</u>	<u>\$ 7,052</u>	<u>\$ 15,807</u>
<u>PHILOSOPHY</u>				
H. Y. Benedict Professor				
Patrick Romanell	T	\$ 3,447	\$ --	\$ 3,447
Professor				
John H. Haddox	T	3,016	3,016	6,032
Associate Professor				
David L. Hall	T	--	2,103	2,103
William C. Springer	T	2,206	2,206	4,412
Assistant Professor				
Peter Robinson		1,965	--	1,965
Instructor				
Ernest E. Briones		1,723	--	1,723
		<u>\$ 12,357</u>	<u>\$ 7,325</u>	<u>\$ 19,682</u>

Supplemental Data
 First Term Second Term

			<u>First Term</u>	<u>Second Term</u>	<u>Total</u>
<u>POLITICAL SCIENCE</u>					
	H. Y. Benedict Professor				
	Joseph M. Ray	T	\$ --	\$ 3,964	\$ 3,964
	Professor				
	Rudolph Gomez	T	2,844	1,422(1/2)	4,266
	Z. Anthony Kruszewski	T	--	2,499	2,499
	Melvin P. Straus	T	2,275	2,275	4,550
	Associate Professor				
3,396	Joseph B. Graves, Jr.	T	2,396	--	2,396
	Director, Criminal				
	Justice Program (1/2 Time)				
--	Total Salary				
3,396	Edward A. Leonard	T	2,447	2,447	4,894
	Howard D. Neighbor	T	2,361	2,361	4,722
	Assistant Professor				
	Charles R. Bath	T	--	2,103	2,103
	John A. Hovel	T	1,637	1,637	3,274
	James W. Lamare		1,861	1,861	3,722
	Thomas J. Price		948(1/2)	948(1/2)	1,896
	Instructor				
	Jose L. Orozco		621(1/2)	621(1/2)	1,242
			<u>\$ 17,390</u>	<u>\$ 22,138</u>	<u>\$ 39,528</u>
<u>PSYCHOLOGY</u>					
	Professor				
	Edmund B. Coleman	T	\$ 3,154	\$ --	\$ 3,154
	Philip Himelstein	T	3,154	--	3,154
	Associate Professor				
	Guido A. Barrientos	T	2,413	--	2,413
	James V. Devine	T	--	2,413	2,413
	William G. Lucker	T	957(1/2)	1,913	2,870
	Gerald R. Miller	T	1,809(3/4)	1,809(3/4)	3,618
	Randolph H. Whitworth	T	--	2,602	2,602
	Assistant Professor				
	Alfred G. Koestler		1,120(1/2)	2,240	3,360
			<u>\$ 12,607</u>	<u>\$ 10,977</u>	<u>\$ 23,584</u>
<u>SOCIOLOGY</u>					
	Professor				
	Julius Rivera	T	\$ 3,583	\$ 3,583	\$ 7,166
	Winfred G. Steglich	T	3,361	--	3,361
	Ellwyn R. Stoddard	T	2,844	2,844	5,688
	Associate Professor				
	David B. Eyde	T	2,465	--	2,465
	Paul W. Goodman	T	--	2,240	2,240
	Robert S. Hiatt	T	688(3/10)	--	688
	Instructor				
	Irving R. Brown		--	1,896	1,896
	James E. Hamby		1,689	1,689	3,378
736	Karen G. Ramirez		736(PT)	--	736
736	Instructor, English (Part-time)				
	Director, Chicano Studies				
	Program (15/100 Time)				
250	Total Salary				
722	Sarah H. Watley		862(1/2)	1,723	2,585

Supplemental Data
 First Term Second Term

	First Term	Second Term	Total
<u>SOCIOLOGY (Continued)</u>			
Lecturer			
Lydia R. Aguirre	\$ 620(3/10)	\$ --	\$ 620
Nathan Zirl	--	569(3/10)	569
	<u>\$ 16,848</u>	<u>\$ 14,544</u>	<u>\$ 31,392</u>
Total College of Liberal Arts	<u>\$191,893</u>	<u>\$159,065</u>	<u>\$350,958</u>

COLLEGE OF SCIENCEBIOLOGICAL SCIENCES

Professor

Albert G. Canaris	T	\$ 3,447	\$ 3,447	\$ 6,894
Arthur H. Harris	T	1,939(3/4)	1,939(3/4)	3,878
James B. Reeves	T	--	2,999	2,999

Associate Professor

Eleanor L. Duke	T	1,538(3/4)	--	1,538
John S. Williams	T	2,085	--	2,085

Assistant Professor

John R. Bristol	T	--	1,551(3/4)	1,551
Charles E. Freeman	T	--	1,616(3/4)	1,616
Larry P. Jones		948(1/2)	--	948
Elizabeth C. Manning	T	931(1/2)	--	931
Keith A. Redetzke		1,587(3/4)	--	1,587

Teaching Assistant

		417(1/2)	--	417
		417(1/2)	--	417
		417(1/2)	417(1/2)	834
		--	417(1/2)	417
		<u>\$ 13,726</u>	<u>\$ 12,386</u>	<u>\$ 26,112</u>

CHEMISTRY

Professor

Harold E. Alexander	T	\$ --	\$ 2,723	\$ 2,723
William C. Herndon	T	3,447	3,447	6,894
Leonard S. Levitt	T	--	2,723	2,723

Associate Professor

William R. Cabaness	T	2,327	--	2,327
Winston D. Lloyd	T	2,465	--	2,465
William H. Rivera	T	1,172(1/2)	1,172(1/2)	2,344

172 \$ 1,172

172 1,172
344 \$ 2,344

Director, Executive Office
 of Contracts and Grants
 (1/2 Time)
 Total Salary

Assistant Professor

Joseph W. Scruggs	T	--	1,896	1,896
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Teaching Assistants

		<u>1,200</u>	<u>1,200</u>	<u>2,400</u>
		<u>\$ 10,611</u>	<u>\$ 13,161</u>	<u>\$ 23,772</u>

GEOLOGICAL SCIENCES

Professor

Jerry M. Hoffer	T	\$ --	\$ 2,585	\$ 2,585
Karl W. Klement	T	2,930	2,930	5,860
William N. McAnulty	T	1,594(1/2)	--	1,594

Associate Professor

Earl M. Lovejoy	T	2,327	--	2,327
Robert H. Schmidt	T	2,240	--	2,240
Spencer S. Shannon	T	--	2,327	2,327

Supplemental Data
 First Term Second Term

		<u>First</u> <u>Term</u>	<u>Second</u> <u>Term</u>	<u>Total</u>
<u>GEOLOGICAL SCIENCES (Continued)</u>				
Assistant Professor				
	William C. Cornell	\$ 1,982	\$ --	\$ 1,982
		<u>\$ 11,073</u>	<u>\$ 7,842</u>	<u>\$ 18,915</u>
<u>MATHEMATICS</u>				
Professor				
	Delmar L. Boyer	T \$ 1,310(1/2)	\$ --	\$ 1,310
	William J. Leahey	T --	3,223	3,223
Associate Professor				
	Charles H. Gladman	T --	2,378	2,378
	Carl E. Hall	T 2,895	--	2,895
	James E. Nymann	T 2,617	2,617	5,234
	Eugene F. Schuster	T 2,654	--	2,654
	Frederick B. Strauss	T 1,293(1/2)	--	1,293
	Neal R. Wagner	T --	2,240	2,240
Assistant Professor				
	Frederick H. Bailey	T 1,051(1/2)	--	1,051
	Joe W. Fitzpatrick	T --	1,965	1,965
	Rex E. Fox	T 1,930	--	1,930
	James M. Gray	1,896	--	1,896
	Lawrence Huntley	T 939(1/2)	--	939
	Clinton W. Kennel	2,051	--	2,051
	Ralph A. Liguori	T --	1,655	1,655
	Kennith W. Lopp	T 2,206	--	2,206
	Bernard Martin-Williams	T 888(1/2)	--	888
	Vladik A. Miculka	T --	957(1/2)	957
	John A. Narvarte	T 1,999	--	1,999
	Jesus R. Provencio	T --	957(1/2)	957
	Vilappakkam K. Srinivasan	--	1,069(1/2)	1,069
		<u>\$ 23,729</u>	<u>\$ 17,061</u>	<u>\$ 40,790</u>
<u>PHYSICS</u>				
Professor				
	Thomas G. Barnes	T \$ --	\$ 1,422(1/2)	\$ 1,422
	Max C. Bolen	T 1,439(1/2)	--	1,439
	Donald E. Bowen	T 2,930	2,930	5,860
	Robert G. McIntyre	T --	1,103(2/5)	1,103
Associate Professor				
	Samuel J. Brient, Jr.	T 2,723	1,362(1/2)	4,085
	Eugene A. Dean	T 1,249(1/2)	1,249(1/2)	2,498
	Juan O. Lawson	T 2,671	--	2,671
Teaching Assistants				
		<u>213</u>	<u>213</u>	<u>426</u>
		<u>\$ 11,225</u>	<u>\$ 8,279</u>	<u>\$ 19,504</u>
Total College of Science		<u>\$ 70,364</u>	<u>\$ 58,729</u>	<u>\$129,093</u>
Total 1974 Summer Session Budget		<u>\$449,796</u>	<u>\$375,266</u>	<u>\$825,062</u>

ORGANIZED RESEARCHUniversity Research Institute

65. Appoint Robert T. Bledsoe as Assistant Professor (Part-time) effective January 16 through May 31, 1974, at his full-time nine-months rate of \$11,374.00 as Assistant Professor of English with the necessary funds in the amount of \$2,200.00 to come from budgeted funds for College of Liberal Arts - Robert Bledsoe. (RBC 207)

SPECIAL ITEMSPeer Counseling

66. Accept the resignation of Robert S. Crosson, Graduate Assistant (1/2 Time), effective December 31, 1973, and lapse to Unallocated Salaries - Other \$1,666.68 budgeted for this position. (RBC 277)

67. Appoint Jose F. Montes as Counselor (1/2 Time) effective January 1 through May 31, 1974, at a full-time nine-months rate of \$6,000.00 with the necessary funds in the amount of \$1,666.65 to come from Unallocated Salaries - Other. (RBC 287)

68. Appoint Frank Aranda as Counselor (1/2 Time) effective January 1 through May 31, 1974, at a full-time nine-months rate of \$6,000.00 with the necessary funds in the amount of \$1,666.65 to come from the appropriation for Wages. (RBC 288)

CONTRACT RESEARCH AND SERVICESU. S. Army Materiel Command Contract DAAD07-72-C-0257 - Upper Atmospheric Research

69. Change the status of Carlos McDonald from Research Engineer (1/4 Time) to Research Engineer (1/2 Time) effective January 16 through May 31, 1974, at his full-time nine-months rate of \$12,925.00 as Assistant Professor of Electrical Engineering with the necessary additional funds in the amount of \$1,616.00 to come from budgeted salaries for this contract. He will also serve as Assistant Professor (1/2 Time) in the Department of Electrical Engineering. (RBC 253)

70. Reappoint Miguel Izquierdo as Research Physicist (7/8 Time) effective January 16 through June 30, 1974, at his full-time nine-months rate of \$11,912.00 as Instructor of Electrical Engineering with the necessary funds in the amount of \$6,369.61 to come from budgeted salaries for this contract. He will also serve as Instructor (1/8 Time) in the Department of Electrical Engineering. (RBC 267)

71. Change the status of Miguel Izquierdo from Research Physicist (3/4 Time) to Research Physicist (7/8 Time) effective September 1 through October 31, 1973, at his full-time nine-months rate of \$11,912.00 as Instructor of Electrical Engineering with the necessary additional funds in the amount of \$330.84 to come from budgeted salaries for this contract. He will also serve as Instructor (1/8 Time) in the Department of Electrical Engineering. (RBC 291)

U. S. Army Materiel Command Contract DAAD07-74-C-0103 - Data Collection and Analysis Development

72. Appoint Fredrick J. Taylor as Research Engineer (1/4 Time) effective January 16 through May 31, 1974, at his full-time nine-months rate of \$15,304.00 as Associate Professor of Electrical Engineering with the necessary funds in the amount of \$1,913.00 to come from budgeted salaries for this contract. He will also serve as Associate Professor (3/4 Time) in the Department of Electrical Engineering. (RBC 251)

73. Appoint Philip Joseph as Research Associate (1/2 Time) effective January 16 through May 31, 1974, at a full-time annual rate of \$8,000.00 with the necessary funds in the amount of \$1,505.36 to come from budgeted salaries for this contract. (RBC 292)

U. S. Army Materiel Command Contract DAHCO4-74-G-0091 - Variational Initialization

74. Appoint John A. Fillo as Research Specialist (1/2 Time) effective January 16 through May 31, 1974, at his full-time nine-months rate of \$16,544.00 as Associate Professor of Mechanical Engineering with the necessary funds in the amount of \$4,136.00 to come from budgeted salaries for this contract. He will also serve as Associate Professor (1/2 Time) in the Department of Mechanical Engineering. (RBC 255)

75. Appoint Garry O. Hawkins as Research Specialist (Part-time) effective January 16 through May 31, 1974, at his full-time nine-months rate of \$9,600.00 as Assistant Professor (Visiting) of Mechanical Engineering with the necessary funds in the amount of \$1,890.00 to come from budgeted salaries for this contract. He will also serve as Assistant Professor (Visiting) (1/2 Time) in the Department of Mechanical Engineering. (RBC 257)

CONTRACT RESEARCH AND SERVICES (CONTINUED)Veterans Administration Contract V349V-2244 - V.A. Counseling - FY 74

76. Reappoint Frances Z. Mason as Counseling Psychologist effective January 1 through August 31, 1974, at her annual rate of \$12,600.00 with the necessary funds in the amount of \$8,400.00 to come from budgeted salaries for this contract. (RBC 233)

77. Appoint Dennis W. Brice as Counseling Psychologist (1/3 Time) effective January 1 through August 31, 1974, at an annual rate of \$12,600.00 with the necessary funds in the amount of \$2,800.00 to come from budgeted salaries for this contract. He will also serve as Psychometrist (2/3 Time) in the same contract. (RBC 234)

78. Appoint Dennis W. Brice as Psychometrist (2/3 Time) effective January 1 through August 31, 1974, at an annual rate of \$9,198.00 with the necessary funds in the amount of \$4,088.00 to come from budgeted salaries for this contract. He will also serve as Counseling Psychologist (1/3 Time) in the same contract. (RBC 235)

HEW Grant OEG-6-73-1101 - Upward Bound Program - 8th Year

79. Appoint Victor Vega as Counselor (1/2 Time) effective December 1, 1973 through May 31, 1974, at a full-time annual rate of \$6,000.00 with the necessary funds in the amount of \$1,500.00 to come from budgeted salaries for this grant. (RBC 188)

80. Accept the resignation of Victor Vega, Counselor (1/2 Time), effective January 22, 1974, and lapse to unencumbered salaries \$1,072.58 budgeted for this position. (RBC 271)

HEW Grant OEG-0-73-1-1267(715) - Teacher Corps, 8th CYC, 1st Year In-Service

81. Reappoint Roberto Reyes as Teacher effective January 1 through 15, 1974, at his annual rate of \$6,300.00 with the necessary funds in the amount of \$254.03 to come from budgeted salaries for this grant. (RBC 209)

82. Reappoint Paul W. Welch as Teacher effective January 1 through 15, 1974, at his annual rate of \$6,300.00 with the necessary funds in the amount of \$254.03 to come from budgeted salaries for this grant. (RBC 210)

83. Reappoint Barbara E. Burgess as Teacher effective January 1 through 15, 1974, at her annual rate of \$5,400.00 with the necessary funds in the amount of \$217.74 to come from budgeted salaries for this grant. (RBC 211)

84. Appoint Richard W. Burns as Professor (1/4 Time) effective January 16 through May 31, 1974, at his full-time nine-months rate of \$17,372.00 as Professor of Curriculum and Instruction with the necessary funds in the amount of \$2,171.00 to come from budgeted salaries for this grant. He will also serve as Professor (3/4 Time) in the Department of Curriculum and Instruction. (RBC 228)

85. Appoint Hilmar E. Wagner as Associate Professor (1/4 Time) effective January 16 through May 31, 1974, at his full-time nine-months rate of \$13,236.00 as Associate Professor of Curriculum and Instruction with the necessary funds in the amount of \$1,654.00 to come from budgeted salaries for this grant. He will also serve as Associate Professor (3/4 Time) in the Department of Curriculum and Instruction. (RBC 230)

86. Reappoint Arthur J. Flores as Teacher effective January 1 through 15, 1974, at his annual rate of \$13,333.00 with the necessary funds in the amount of \$555.68 to come from budgeted salaries for this grant. (RBC 282)

OEO Grant OEO 60868-G - High School Equivalency Program - 7th Year

87. Reappoint Frank Ciriza as Director effective December 1, 1973 through August 31, 1974, at his annual rate of \$13,715.00 with the necessary funds in the amount of \$10,286.27 to come from budgeted salaries for this grant. (RBC 189)

88. Appoint James L. McConville as Associate Director effective November 26, 1973 through August 31, 1974, at an annual rate of \$9,720.00 with the necessary funds in the amount of \$7,425.00 to come from budgeted salaries for this grant. (RBC 190)

89. Reappoint Jeannette Peters as Literature Teacher effective December 1, 1973 through August 31, 1974, at her annual rate of \$6,912.00 with the necessary funds in the amount of \$5,184.00 to come from budgeted salaries for this grant. (RBC 191)

CONTRACT RESEARCH AND SERVICES (CONTINUED)OEO Grant OEO 60868-G - High School Equivalency Program - 7th Year (Continued)

90. Reappoint Robert J. Bowen as English Teacher effective December 1, 1973 through August 31, 1974, at his annual rate of \$6,912.00 with the necessary funds in the amount of \$5,184.00 to come from budgeted salaries for this grant. (RBC 192)

91. Reappoint Judy B. Romaka as Reading Teacher effective December 1, 1973 through August 31, 1974, at her annual rate of \$7,104.00 with the necessary funds in the amount of \$5,328.00 to come from budgeted salaries for this grant. (RBC 193)

92. Reappoint Jaime Castro as Teacher effective December 1, 1973 through August 31, 1974, at his annual rate of \$7,292.00 with the necessary funds in the amount of \$5,469.02 to come from budgeted salaries for this grant. (RBC 194)

93. Reappoint Eugenio R. Almanzar as Teacher effective December 1, 1973 through August 31, 1974, at his annual rate of \$7,912.00 with the necessary funds in the amount of \$5,934.01 to come from budgeted salaries for this grant. (RBC 195)

94. Reappoint Linda L. Nance as Teacher effective December 1, 1973 through August 31, 1974, at her annual rate of \$7,292.00 with the necessary funds in the amount of \$5,469.02 to come from budgeted salaries for this grant. (RBC 196)

95. Reappoint Pablo Romero as Head Resident Counselor effective December 1, 1973 through August 31, 1974, at his annual rate of \$5,784.00 with the necessary funds in the amount of \$4,338.00 to come from budgeted salaries for this grant. He will also receive room and board valued at \$110.00 per month. (RBC 197)

96. Reappoint Raul Guerrero as Assistant Resident Counselor effective December 1, 1973 through June 30, 1974, at his annual rate of \$3,213.00 with the necessary funds in the amount of \$1,874.25 to come from budgeted salaries for this grant. He will also receive room and board valued at \$110.00 per month. (RBC 198)

97. Reappoint Mary E. Holland as Assistant Female Resident Counselor effective December 1, 1973 through June 30, 1974, at her annual rate of \$3,840.00 with the necessary funds in the amount of \$2,240.00 to come from budgeted salaries for this grant. She will also receive room and board valued at \$110.00 per month. (RBC 199)

98. Appoint Marsha M. Novak as Reading Teacher effective January 7 through August 31, 1974, at an annual rate of \$7,104.00 with the necessary funds in the amount of \$4,621.42 to come from budgeted salaries for this grant. (RBC 208)

99. Accept the resignation of James L. McConville, Associate Director, effective January 4, 1974, and lapse to unencumbered salaries \$6,375.49 budgeted for this position. (RBC 268)

100. Accept the resignation of Judy B. Romaka, Reading Teacher, effective December 31, 1973, and lapse to unencumbered salaries \$4,736.00 budgeted for this position. (RBC 269)

101. Appoint Barry L. Peters as Associate Director effective January 16 through August 31, 1974, at an annual rate of \$9,720.00 with the necessary funds in the amount of \$6,088.07 to come from budgeted salaries for this grant. (RBC 270)

102. Increase the annual rate of Pablo Romero, Head Resident Counselor, effective February 1 through August 31, 1974 from \$5,784.00 to \$6,318.00 with the necessary additional funds in the amount of \$311.50 to come from budgeted salaries for this grant. He will also receive room and board valued at \$110.00 per month. (RBC 284)

103. Increase the annual rate of Raul Guerrero, Assistant Resident Counselor, effective February 1 through June 30, 1974 from \$3,213.00 to \$3,856.00 with the necessary additional funds in the amount of \$267.90 to come from budgeted salaries for this grant. He will also receive room and board valued at \$110.00 per month. (RBC 285)

104. Increase the annual rate of Mary E. Holland, Assistant Female Resident Counselor, effective February 1 through June 30, 1974 from \$3,840.00 to \$3,856.00 with the necessary additional funds in the amount of \$6.65 to come from budgeted salaries for this grant. She will also receive room and board valued at \$110.00 per month. (RBC 286)

CONTRACT RESEARCH AND SERVICES (CONTINUED)Texas Education Agency Region XIII TCIES/SISP Project

105. Appoint Stanley E. Ball as Director (1/4 Time) effective January 16 through August 31, 1974, at his full-time nine-months rate of \$12,408.00 as Assistant Professor of Curriculum and Instruction with the necessary funds in the amount of \$2,585.00 to come from budgeted salaries for this contract. He will also serve as Assistant Professor (3/4 Time) in the Department of Curriculum and Instructor for the 1974 Spring Semester. (RBC 279)

AUXILIARY ENTERPRISESStudent Activities

106. Appoint Richard F. Munoz as Graduate Assistant (1/2 Time) effective January 21 through August 31, 1974, at a full-time annual rate of \$6,666.00 with the necessary funds in the amount of \$2,042.81 to come from budgeted salaries for this department. (RBC 289)

Intercollegiate Athletics

107. Change the status of Tommy J. Hudspeth by resigning him as Head Football Coach effective December 16, 1973 and appointing him as Assistant Manager of Intercollegiate Athletics effective December 17, 1973 through August 31, 1974, with no change in his annual rate of \$23,000.00 with the necessary additional funds in the amount of \$13,417.00 to come from budgeted salaries for this department for the period February 1 through August 31, 1974. (RBC 186a)

108. Appoint Gilbert C. Bartosh as Head Football Coach effective December 17, 1973 through August 31, 1974, at an annual rate of \$25,000.00 with the necessary funds in the amount of \$17,674.70 to come from the vacant position of Head Football Coach in the amount of \$13,417.00 and from budgeted salaries in the amount of \$4,257.70. (RBC 187)

109. Increase the annual rate of Lawrence A. Metcalf, Assistant Football Coach, effective January 1, 1974 from \$13,500.00 to \$14,000.00 and reappoint him effective February 1 through August 31, 1974 with the necessary funds in the amount of \$9,333.28 to come from the vacant position of Assistant Football Coach in the amount of \$9,000.00 and from budgeted salaries in the amount of \$333.28. (RBC 201)

110. Appoint Donald E. Smith as Assistant Football Coach effective January 1 through August 31, 1974, at an annual rate of \$17,000.00 with the necessary funds in the amount of \$11,333.28 to come from the vacant position of Assistant Football Coach in the amount of \$9,450.00 and from budgeted salaries in the amount of \$1,883.28. (RBC 220)

111. Appoint Marvin C. Kristynik as Assistant Football Coach effective January 1 through August 31, 1974, at an annual rate of \$15,500.00 with the necessary funds in the amount of \$10,333.28 to come from the vacant position of Assistant Football Coach in the amount of \$8,458.00 and from budgeted salaries in the amount of \$1,875.28. (RBC 221)

112. Appoint Burl W. Wood as Assistant Football Coach effective January 1 through August 31, 1974, at an annual rate of \$14,000.00 with the necessary funds in the amount of \$9,333.28 to come from the vacant position of Assistant Football Coach in the amount of \$7,292.00 and from budgeted salaries in the amount of \$2,041.28. (RBC 222)

113. Appoint Horace J. Harrington as Assistant Football Coach effective January 14 through August 31, 1974, at an annual rate of \$15,000.00 with the necessary funds in the amount of \$9,475.80 to come from the vacant position of Assistant Football Coach in the amount of \$7,729.00 and from budgeted salaries in the amount of \$1,746.80. (RBC 265)

Band

114. Reappoint Claire Y. Lewis as Instructor (1/5 Time) effective January 16 through May 31, 1974, at her full-time nine-months rate of \$7,238.00 with the necessary funds in the amount of \$724.00 to come from Wages. (RBC 266)

PLANT FUNDS - UNEXPENDEDBuilding Revenue Bonds, Series 1969 - Interest on Time Deposits

115. Appropriate \$62,000.00 additional funds needed to purchase 8 terminals and 4 display stations for the IBM 360/50 computer. (RBC 247)

THE UNIVERSITY OF TEXAS AT EL PASO
 SCHEDULE OF ADDITIONAL (OR CHANGES IN)
 FUNDING OF CONSTRUCTION PROJECTS

200

Project No.	Project Title	Source of Funds		Amount
		From	To (New or Additional Appropriation)	
	Old Main Addition (1970)	RB	PUF	\$ 10,000.00
	Geology Building Addition (1970)	RB	PUF	5,000.00
	Mass Communications Building Addition (1970)	RB	PUF	5,000.00
	Graham Hall Addition (1970)	RB	PUF	5,000.00
	Administration Annex Addition (1969)	RB	PUF	5,000.00
	Methodist Wesley Foundation Addition (1971)	RB	PUF	10,000.00
	Harlacker House	RB	PUF	5,000.00
	Education Building	RB	PUF	100,000.00
101-126	Fine Arts Complex	PUF	RB	145,000.00

Legend

B - Revenue Bond Proceeds

UF - Permanent University Fund Bond Proceeds

THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN

Odessa, Texas 79762

March 27, 1974

Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the May 3, 1974, meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,



B. H. Amstead
President



THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
May 3, 1974 Meeting

GIFTS TO THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN

The following gifts have been received at The University of Texas of the Permian Basin. I recommend approval of acceptance of the following gifts:

A single asterisk preceding the name of the donor indicates no letter of transmittal from the donor.

DONOR	PURPOSE AND CONDITIONS	ESTIMATED VALUE
1. Prof. George W. Watt The University of Texas at Austin Department of Chemistry Austin, Texas 78701	Gift of journals of inorganic and nuclear chemistry.	\$7,540.00
2. *Rexene Polymer Mr. Harold Fife, Manager P. O. Box 554 Odessa, Texas 79760	Gift of volumes of reference works, periodicals and books from Rexene Polymer's plant library.	\$5,970.75

JKF

Appraisals?

JKF

GRANTS, CONTRACTS, AND AGREEMENTS - (STATE):

1. Interagency Cooperation Contract No. IAC (74-75)-0745, between The University of Texas of the Permian Basin and Office of Information Services, Executive Department, signed by President B. H. Amstead, to provide in-state long distance voice telephone services provided on the Texas Agency Network (TEX-AN); and digital network services. The contract period is from January 1, 1974 (or later activation date of TEX-AN net) through August 31, 1975. Total amount is not to exceed \$21,400.00.
2. Interagency Cooperation Contract No. IAC (74-75)-0797, between The University of Texas of the Permian Basin and North Texas State University, Community Service Center, signed by President B. H. Amstead, to provide services of students and faculty at UTPB who will inventory records of county governments in the Permian Basin, following the practices and format established in Inventory of County Records: Ector County. (Austin: Archives Division, Texas State Library, 1973.) The inventory work will be completed on form provided by the Community Service Center in accordance with specific instructions issued by that agency. The contract period is from February 1, 1974 through May 15, 1974. Total amount is not to exceed \$200.00.

CATALOGUE

I recommend approval of the Catalogue of The University of Texas of the Permian Basin which is submitted herein on pages PB-3 through PB-140.

Misc

THE UNIVERSITY OF TEXAS
OF THE
PERMIAN BASIN

ODESSA, TEXAS



Catalog of
THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
Number May,

The provisions of this catalog are not to be regarded as a contract between the student and The University of Texas of the Permian Basin. Changes are made in general academic regulations and in academic requirements from time to time.

STATEMENT ON EQUAL EDUCATIONAL OPPORTUNITY

With respect to the admission and education of students; with respect to the availability of student loans, grants, scholarships, and job opportunities; with respect to the employment and promotion of teaching and nonteaching personnel, and with respect to the student and faculty activities conducted on premises owned or occupied by the University, The University of Texas of the Permian Basin shall not discriminate either in favor of or against any person on account of his or her race, creed, color, sex, or national origin.

THE UNIVERSITY OF TEXAS SYSTEM BOARD OF REGENTS

A. G. McNeese, Jr., Chairman
Dan C. Williams, Vice-Chairman
Betty Anne Thedford, Secretary

MEMBERS

Terms Expire January, 1975

Frank C. Erwin, Jr.	Austin
Jenkins Garrett	Fort Worth
Dan C. Williams	Dallas

Terms Expire January, 1977

Mrs. Lyndon B. Johnson	Stonewall
A. G. McNeese, Jr.	Houston
Joe T. Nelson, M.D.	Weatherford

Terms Expire January, 1979

James E. Bauerle, D.D.S.	San Antonio
Edward Clark	Austin
Allan Shivers	Austin

SYSTEM OFFICERS

Charles A. LeMaistre, Chancellor
E. D. Walker, Deputy Chancellor for Administration

UNIVERSITY ADMINISTRATION

B. H. Amstead, Ph.D. President
V. R. Cardozier, Ph.D. Vice President for
Academic Affairs
R. C. Thompson, J.D. Vice President for
Business Affairs
Henry W. Hise, M.A. Executive Director of
Development
Richard T. Keist, Ph.D. Executive Director of
Student Services
J. Marvin Higbee, Ed.D. Assistant to the Vice
President for Academic Affairs
Kevin-John H. McIntyre, Ph.D. Assistant to the
President

The Colleges

James L. Colwell, Ph.D. Dean, College of Arts
and Education
Dianne S. Peters, Ph.D. . . . Assistant Dean, College of
Arts and Education
J. Edwin Becht, Ph.D. Dean, College of
Management
Lee Harrisberger, Ph.D. Dean, College of
Science and Engineering

Learning Resources Center

Dick L. Chappell, M.S.L.S. Director
J. I. Garcia, M.S. Associate Director,
Computer Services
Robert Gerry, Ph.D. Associate Director,
Instructional Media Services
Richard Jenson, M.A. Assistant Director,
Library Services

Administrative Services

J. W. Russell, B.B.A., C.P.A. Director of
Accounting
James J. Love, J.D. Chief of Police
Elizabeth Mallonee, M.S. Director of
Personnel
Dee Powell, M.A. Director of News
and Information

Student Services

A. W. Keith, M.B.A. Director of Admissions
and Registrar
Vickie Gomez, B.A. Assistant Director
of Admissions
Joe L. Tave, M.S. Director of Financial Aid

UNIVERSITY CALENDAR

The University of Texas of the Permian Basin follows the Common Calendar required for all public colleges and universities in Texas. It consists of two semesters during the academic year plus two summer terms of five and one-half weeks each.

Fall Semester, 1974

August 29-31	Orientation, Registration
September 3	Classes begin
September 17	Last day for late registration; last day to add courses
September 18	Twelfth class day and date of official enrollment count
November 21-22	Thanksgiving holidays
December 17	Last day of classes
December 18-20	Final examinations
December 21	Semester ends

Spring Semester, 1975

January 10-11	Registration
January 13	Classes begin
January 27	Last day for late registration; last day to add courses
January 28	Twelfth class day and date of official enrollment count
March 23-30	Easter vacation
May 13	Last day of classes
May 14-16	Final examinations
May 16	Semester ends

Summer Session, 1975

First Term

May 30	Registration
June 2	Classes begin
June 5	Last day for late registration; last day to add courses
June 5	Fourth class day and date of official enrollment count
July 4	Independence Day, a holiday
July 9	Final examinations

Second Term

July 8	Registration
July 10	Classes begin
July 15	Last day for late registration; last day to add courses
July 15	Fourth class day and date of official enrollment count
August 16	Final examinations

Final dates for dropping and adding courses do not apply to courses taught on a self-paced instruction basis and certain other courses not taught on a conventional lecture-discussion basis. For information about specific courses, the student should see his academic adviser.

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THE UNIVERSITY

The University of Texas of the Permian Basin is an upper-level general educational institution, and as such it offers degree programs in most of the basic disciplines as well as in several professional fields. Although the University was established in answer to the educational needs of the citizens of the Permian Basin, it also assumes its share of responsibility for serving young people from throughout Texas.

The mission of The University of Texas of the Permian Basin is to help each student who enrolls to realize his fullest potential, both personally and professionally. A student's experience at UT Permian should help him to develop his powers of judgement and to mature emotionally and intellectually; it should prepare him to earn a satisfactory livelihood and to make a worthwhile contribution to the economic life of the country.

To fulfill this mission, the University provides all students, those in basic arts and sciences disciplines as well as those in professional programs, with academic training which will contribute significantly to the endeavors they will later enter.

In addition to career preparation, the University provides students practical understanding in other areas crucial to a meaningful life: a comprehension of the functioning of representative government and the attendant responsibilities of all citizens within it, the ability to communicate orally and in writing in order to transmit their ideas clearly to others, an appreciation of aesthetics that will enable them to live richer lives, a basic concept of the role and impact of science and technology so that they may use these tools effectively, and skill in lifetime sports.

Finally, through formal instruction and the informal atmosphere it provides, the University helps each student to develop the ability to live in harmony with others, to live in a multicultural society, to recognize and respect honest differences of opinion, and to seek a better life for the community of man.

HISTORY OF THE UNIVERSITY

For over a quarter of a century residents of the Permian Basin, a huge oil-rich geological formation in West Texas, have felt keenly the need for a baccalaureate level university. A study by the Coordinating Board of the Texas College and University System in 1968 revealed that the Odessa-Midland area was the only major population center in Texas not served by a bachelor's degree granting institution with the nearest senior college more than 125 miles away. In answer to this need the Texas Legislature in 1969 authorized the establishment of The University of Texas of the Permian Basin within The University of Texas System. The Legislature designated UT Permian as an upper-level institution charged

with providing baccalaureate and graduate degree programs to junior, senior, and graduate-level students.

In December, 1969, following a study of the long-range growth potential of cities in the area, The University of Texas System Board of Regents selected a 600-acre campus site on the eastern edge of Odessa in Ector County. Land for the campus was donated to The University of Texas System by the Houston Endowment, Inc., the people of Ector County, Mr. and Mrs. Tom McKnight, Mr. and Mrs. Ewell McKnight, E. G. Rodman, and W. D. Noel.

The University of Texas of the Permian Basin opened for classes in September, 1973.

THE CAMPUS

The size, location, and long-range building plans of the campus of The University of Texas of the Permian Basin eliminate problems of inconvenience and congestion faced by many universities and at the same time provide a setting conducive to learning and personal interaction.

The 600-acre campus site on the eastern edge of Odessa is essentially square in shape and surrounded by multi-lane streets on all four sides, making it easily accessible from all directions. The core campus itself is compact and provides for convenient parking--almost one space per student.

UT Permian's buildings are as forward looking as its educational ideas, with emphasis on efficiency and flexibility in building use. Capitalizing on the natural strength of the Permian Basin site, the campus follows a modern mesa design. Most structures are built approximately 22 feet above ground, story upon story, using the caprock shelf running under the site as a natural foundation.

Vehicular traffic routes, service facilities, and some parking lots are located in the area beneath the buildings. This lower level is partially hidden by man-made earth slopes, called berms.

Buildings are connected by pedestrian concourses on the upper levels providing cover during inclement weather and easy walking to any point on the core campus within six minutes, even after the University has expanded to maximum capacity. University buildings are functionally flexible, with the use of snap-in steel walls making interior space easily convertible as needs change and the student body grows.

To facilitate personal interaction among students and faculty, decentralized talk-study areas are interspersed throughout the campus complex. Interdisciplinary arrangement of faculty offices and open cooperative laboratories for common use by physical and life sciences further encourage communication among all faculty, staff, and students.

A multi-phased plan of development provides for eventual expansion into the total 600 acres of the campus site. Phase I includes classroom, laboratory, and gymnasium buildings, plus playing fields and athletic facilities.

ACADEMIC POLICIES

The University of Texas of the Permian Basin was planned with a view to providing the student maximum flexibility in his studies, with emphasis on demonstrated competence, all to the end of an enriched and more effective education for the student. While the student generally encounters less structure than at most universities, at the same time he finds himself faced with greater personal responsibility for the management of his time, energy, and resources.

THE ACADEMIC COMPONENTS

The academic programs of the University are organized in three colleges plus the Learning Resources Center. The colleges and the degree programs offered within each are:

The College of Arts and Education offers the Bachelor of Arts degree in anthropology, art, creative writing, government, history, humanities, literature (with options in American literature, American studies, English literature and comparative literature), mass communications (print journalism and radio/TV), music, physical education and health, psychology, sociology, speech, Spanish and theatre. This College also offers Master of Arts degree programs in physical education and health and in education, including special education, counseling, secondary education, elementary education, and early childhood education.

The College of Science and Engineering offers the Bachelor of Science degree in chemistry, computer science, earth science, engineering, life science, mathematics and physics. This College also offers the Master of Science degree in engineering.

The College of Management offers the Bachelor of Arts degree in law enforcement, law enforcement management, and economics; and the Bachelor of Business Administration degree in accountancy and in business management, with a special option in aviation management. This College also offers the Master of Business Administration degree in business management.

Unlike most universities, The University of Texas of the Permian Basin does not have academic departments. Most of the administration in each college is centered in the office of the dean who is assisted by an assistant dean and a business manager. Most of the faculties (i.e. Faculty of Art, Faculty of Pedagogical Studies, etc.) have chairmen but in the cases of smaller faculties no chairman has been designated.

The Learning Resources Center (LRC), known as the library on most campuses, contains more than 300,000 volumes. The LRC uses computerized check-out of books, electronic security on books borrowed, and several other modern library innovations.

The Instructional Media Services, a component of the LRC,

provides a wide array of teaching technology to enhance teaching and learning such as video and audio recording services, video transmission for television teaching, audio and video cassette duplication, production of audio tapes and television films, film loops, slides, specimens, art work, and others. It also assists students and professors in learning to use these materials most effectively.

Computer Services is a part of the LRC and serves students and faculty in course work as well as in research. The Computer Services staff also provides computerized student records and processes data for the business needs of the University, as well as for the LRC.

ADMISSION

To be admitted to undergraduate study or to non-degree study, applicants should meet the following requirements:

- (1) Satisfactorily complete 60 credits of course work at an accredited junior college, senior college or university. Students who have completed at least 54 but less than 60 credits may enroll but will be expected to complete credits needed to total 60 at a nearby junior college or elsewhere during the first semester enrolled.
- (2) Have a C average in all courses which are applicable toward the degree for which he expects to study. Grades of F are not transferable to the University.
- (3) Be in good standing at the last institution attended or qualify for readmission to that institution.
- (4) Submit official transcripts of all college or university work previously taken. Before submitting transcripts or any documents, the applicant should obtain an application form and complete and return it with transcripts to the Admissions Office. To obtain an admission form or additional information, send a copy of the form in the back of this catalog or write to:

Director of Admissions
The University of Texas of the Permian Basin
Odessa, Texas 79762

While there is no specific deadline for application for admission to the fall semester, applicants are encouraged to submit applications and transcripts by July 1. International students and U.S. citizens who are submitting transcripts from colleges or universities in other countries should submit applications by June 15.

Any applicant who is denied admission may petition for reconsideration and should submit additional information that might relate to the reason for the petition.

Students entering UT Permian are required by law to submit proof of immunization within the last 10 years against diphtheria-tetanus (Td.). Students are required to submit proof at regis-

tration. Each student also must complete a health questionnaire which will provide vital information in case of emergency. Forms will be provided with registration materials.

REGISTRATION

Registration for the Fall Semester, 1974, is scheduled for August 29, 30, 31. Students may visit with their faculty advisers prior to that date and plan study schedules, but registration will not begin prior to August 29. Students registering after August 31 must pay a late registration fee, except as explained below. The normal late registration period begins on the first day of classes and ends with the eleventh day of classes. Except in unusual circumstances, students may not register for conventionally taught courses after that date.

Continuous Registration. As explained elsewhere, a substantial number of courses are offered on a self-paced instruction basis. Students may enroll in the University and register for these courses at any time. Registration for self-paced instruction courses only does not involve a late registration fee.

No Credit Registration. Students who wish to enroll in a course but do not desire academic credit may register for the course for no credit. The fees for no-credit registration are the same as when taking the course for credit, and the student has the same privileges as a student enrolled for credit except that the instructor will award no grade and normally will not mark tests.

Visitor. In some conventionally taught courses, a non-student may be admitted as a "Visitor" by gaining the permission of the instructor and paying a fee of \$5.00 per course. A Visitor may not ask questions nor participate in class discussion. One may not enroll as a Visitor in laboratory, studio and other activity courses, or in courses taught on a self-paced basis.

FEEES AND DEPOSITS

Students are not entitled to enter class or laboratory until their fees and deposits have been paid. Payment may be made by personal check for the exact amount due, provided the bank transit number is encoded thereon in compliance with revised Federal Reserve Bank regulations. Checks for larger amounts, the difference to be paid in cash to the student, cannot be accepted. In paying fees by check, students should exercise care. A bad check, whether given by mistake or otherwise, unless the admitted error of the bank concerned, is likely to delay actual payment and thus result in a penalty for late registration. (All of the fees listed are subject to change by the Legislature without notice.) See below for tuition table.

Refund of Tuition Fee for Students Withdrawing. Upon presentation to the Registrar of his receipt from the Bursar showing payment of the fee, any student withdrawing officially

(a) during the first week of classwork of a semester will receive a refund of 70 percent of the applicable portion of the fee; (b) during the second week, 60 percent; (c) during the third week, 40 percent; (d) during the fourth week, 20 percent; (e) during the fifth week and thereafter, no refund.

An immediate refund will not be made to a student who withdraws within 15 days after payment of his fees; but, upon request, a check covering all refunds will be mailed to the address left with the Registrar.

A student who enters the spring semester not knowing his fall semester grades and who is required to withdraw because of failure in the work of the fall semester will have all of his registration and tuition fee for the spring semester refunded.

No refund provided for above will be granted unless applied for within one year after official withdrawal.

General Property Deposit. Every student, unless he is registered in absentia, must make a general property deposit of \$10 to protect the University from any loss whatsoever, such as property loss or damages or breakage or violation of rules in any University library or laboratory, failure to return keys furnished by the University, or for damage to or loss of any other University property.

This deposit, less outstanding charges, will be returned to the student, upon his request, at the end of his career at UT Permian as a student. A general property deposit which remains without call for refund for a period of four years from the date of last attendance at The University of Texas of the Permian Basin shall be forfeited, and the deposit shall become operative to the permanent use and purpose of the Student Property Deposit Scholarships. This applies to deposits made in the past, as well as those to be made in the future.

Student Services Fee. The student services fee is compulsory for all students. The amount charged is \$2.50 per credit hour for 1-11 hours of credit for which the student is registered. Students registered for 12 hours of credit or more are charged \$30.00. Students who register for the summer session are charged on the same basis as students registered during the regular academic year. The fee covers free or reduced admission rates to athletic events, formal convocation events, special publications, intramural activities, most athletic facilities, student identification card, free or reduced admission fees to lecture series, cultural events, and film series.

A student's spouse may purchase an activities card for \$10 which will entitle him or her to free or reduced admission to lecture series, cultural event programs, and film series.

Refund of the student services fee to students withdrawing is made on the same basis as refund of the registration and tuition fee to students withdrawing.

Laboratory Fees. For each laboratory course a fee is charged in an amount to cover, in general, the cost of laboratory materials and supplies used by a student; however, such charge per student shall be not less than \$2 nor more than \$8 for each laboratory course in any one semester or summer term. The Course Schedule will indicate the amount of the laboratory fee for each course.

Supplementary Fees for Selected Courses. Students taking selected courses (e.g., studio art, art education, courses requiring field trips, lifetime sports, physical education, or applied music) are required to pay supplementary fees each semester, a schedule of which is given in the course schedule. A supplementary fee for applied music "unclassified" and art is charged.

Supplementary fees, in the case of students withdrawing or dropping a course, are refunded according to the schedule provided for refunding the registration and tuition fee. Exception: A student who officially drops a course with a supplementary fee and at the same time officially adds another such course will receive a refund of the full supplementary fee paid on the course dropped and will pay the corresponding fee required for the course added.

Special Charge for Late Registration. Any student registering who, with proper permission, registers after the appointed days for registering in that semester, will be required to pay a special charge of \$5 to defray the costs of the extra services required to effect his late registration.

Bad Checks. A service charge of \$2 will be assessed the maker of the check for each returned check to offset the cost of processing such checks.

Diploma Charge. A diploma fee of \$4 is charged to graduating students at the time of their graduation.

Non-Student Fees. Non-students desiring the use of the facilities of the gymnasium and other physical activity facilities (including the faculty-staff recreation program) will pay the following fees: Non-students--\$24 to include dressing facility. Faculty and administrative staff (rank of instructor or above)--\$6 a year to include dressing facility. Special non-student group programs--\$1 a month or any portion thereof, not to include dressing facility.

Visitor's Fee. A fee of \$5 a semester or term is required of persons not registered in the University who wish to visit one or more courses. If library privileges are desired, the non-student library deposit of \$15 a year must be made.

Transcript Charge. A \$1 charge may be made for transcripts.

Student Identification Card Replacement Fee. All students who must obtain a replacement student identification card will be charged \$3.

TUITION

Number of Hours Taken	Residents of Texas	Nonresidents	
		U.S. Citizens	Foreign Students
1	\$50.00	\$ 40.00	\$200.00
2	50.00	80.00	200.00
3	50.00	120.00	200.00
4	50.00	160.00	200.00
5	50.00	200.00	200.00
6	50.00	240.00	200.00
7	50.00	280.00	200.00
8	50.00	320.00	200.00
9	50.00	360.00	200.00
10	50.00	400.00	200.00
11	50.00	440.00	200.00
12	50.00	480.00	200.00
13	52.00	520.00	200.00
14	56.00	560.00	200.00
15	60.00	600.00	210.00
16	64.00	640.00	224.00
17	68.00	680.00	238.00
18	72.00	720.00	252.00
19	76.00	760.00	266.00
20	80.00	800.00	280.00
21	84.00	840.00	294.00
22	88.00	880.00	308.00

ACADEMIC REGULATIONS

Academic Advisement

When a student makes application for admission to the University, his eligibility for admission is determined by the Director of Admissions. The dean of the college in which he expects to study evaluates his previous course work, determines whether all courses that have been taken apply toward the degree the individual wishes to earn, and advises the applicant of his status. Any questions about courses and degrees should be addressed to the dean or, if possible, the student should visit with him or his representative.

When the student has been admitted, he is assigned by the dean to a faculty adviser in the student's major field of study who will help him to plan his curriculum and counsel him on other matters related to his academic pursuits at the University. If a student is not clear about which college he is in, he should check with the Office of Admissions. If he has not decided on a major field of study and desires counseling to help in choosing a major, he should visit a counselor in the Office of the Executive Director of Student Services.

After a student is enrolled and is pursuing a degree, if he wishes to change his major he must complete a form to

that effect, have it endorsed by the dean of the college in which he has been studying and the dean of the college in which he desires to study, and file the form with the Registrar's Office. This normally occurs at the time of registration.

Students are encouraged to visit with their faculty advisers at any time they feel the need for it. They also are encouraged to talk with the instructors of their courses when they wish. All instructors have posted office hours. A student may make an appointment if he wishes but it is not necessary; he may visit the instructor without notice. In the interest of permitting the instructor to be of assistance to as many students as possible, students are encouraged to limit the length of office visits with instructors.

Dropping and Adding Courses

In courses taught on a conventional basis, a student may drop the course without permission anytime up to four weeks prior to the first day of final examination period. Courses may be dropped thereafter only in case of serious illness or other justifiable reason, and this requires the approval of the instructor of the course and the dean of the student's college. Normally no credit will be awarded if the course is dropped, but in certain courses, for example a course offered for variable credit, the instructor may award credit and a grade.

Courses taught on a conventional basis normally may not be added after the second week of classes. Students enrolling late in the course should not expect special make-up assistance from the instructor.

In the case of courses taught on a self-paced instruction basis, the student is encouraged to enroll in them at regular registration time; however, he may add a course taught on SPI basis anytime during the semester, with the approval of the instructor of the course and the dean of the college in which the student is majoring. The student may drop an SPI course at any time by completing proper forms. On the other hand, if the student fails to apply himself and/or to make minimum progress, the instructor may drop the student from the course.

Withdrawals

If a student desires to withdraw from the University, he should secure the appropriate form from the Registrar's Office, complete it and secure the endorsement of the dean of the college in which he is enrolled. In case of illness, the student may have someone notify the dean who will arrange for the withdrawal.

Credit By Examination

A portion of the lower division requirements may be completed through the College Level Examination Program (CLEP) offered by the Educational Testing Service of Princeton, New Jersey. CLEP exams may be taken at several

junior colleges, senior colleges, and universities in the state, but not at UT Permian. If a student wishes to complete a portion of the lower division requirements through CLEP, he must enroll in a college that offers them and sit for the examinations there. The credits for CLEP examinations will appear on the transcript of the college where he was enrolled. UT Permian will accept credits earned through CLEP on the same basis as any other credits transferred from another institution.

UT Permian does not award college credit for study through the United States Armed Forces Institute, non-credit military studies, and non-accredited institutions; however, if an accredited college or university has awarded credit for such study, UT Permian will accept those credits on the same basis as course work completed at that institution.

In some courses offered on a self-paced instruction basis, the student may earn such credit by examination by registering for a course and sitting immediately for as many of the quizzes in the course as he can pass. If he has mastered the course, he may test through all quizzes and the final examination in a brief period.

Class Schedules

Classes taught on a conventional basis usually meet twice per week. Most courses taught on a self-paced basis do not meet regularly except for a few meetings at the beginning of the term; however, some professors meet once per week with students who desire to meet as a group.

Most laboratory instruction is offered on a self-paced basis. Rather than a scheduled laboratory period, the student performs his laboratory exercises during most hours of the week at his own convenience. For each course, a schedule is posted when students may undertake the laboratory exercises, including those hours when instructors and/or laboratory assistants are available for assistance.

Class Attendance

It is assumed that by the time students enroll at the University they are able to organize their time and themselves to their studies. Class attendance is not required in most cases, but students are encouraged to attend classes regularly. In some courses, class participation and class activity constitute a part of the student's grade. It is the responsibility of the student to determine whether class attendance is required in each course and to see that he meets all course requirements.

Course Numbering System

000-099	Courses offered without credit and credit courses which may not be applied toward a degree
100-199	Freshman courses (not offered at UT Permian)
200-299	Sophomore courses (not offered at UT Permian)
300-399	Junior and senior courses not eligible for graduate credit

400-499	Senior courses acceptable for credit in some graduate programs, usually non-majors only
500-599	Reserved for fifth-year programs
600-699	Graduate courses, open only to graduate students

Course Load

The normal course load for an undergraduate student is 15 semester hours during the regular semester. A student who is progressing satisfactorily academically may take 18 credits, and if he is performing better than average he may, in some cases, take up to 21 credits. Only in rare cases will a student be permitted to enroll for more than 21 credits in a semester.

During the summer session, undergraduates may enroll for seven credits in a six week period. As a rule, in short courses of lesser duration, one may register for one credit per week of instruction.

The foregoing apply for conventionally taught courses. In courses offered on a self-paced instruction basis, additional credits may be taken, particularly when courses are involved for which a portion of the work has already been completed at the time of registration. This is subject to approval by the student's faculty adviser and the dean of his college.

Grading

Grades, often called marks, serve several purposes. They provide a basis for certifying completion of all degree requirements. They serve as predictors of future performance in graduate and professional study and certain other endeavors. Their most important purpose is to provide the student, in an abbreviated form, instructor's judgement of his academic achievement so that he can plan his own academic endeavors.

The grades approved for use at UT Permian are as follows:

A = Superior achievement	Q = Dropped the course
B = High Pass	W = Withdrew from University
C = Pass	S = Satisfactory
D = Low Pass	U = Unsatisfactory
F = Failure	Z = Progress
I = Incomplete	
NC = No credit	

Only grades A, B, C, D, and F are included in computing grade point average. In computing grade point average: A = 4; B = 3; C = 2; D = 1; F = 0.

An I is reported when the student has not met all requirements of the course by the end of the semester but the instructor considers the allowance of additional time to complete the course requirements to be justified. At the end of the next semester, if the requirements of the course have

not been met, the I will become a permanent mark for the course and the student must register for the course again in order to receive a grade.

In self-paced instruction courses in which the student does not complete all requirements by the end of the semester in which he first registers, the instructor will report a mark of Z, and the student must register for that course at the beginning of the next semester if he is to receive a grade in it. If the student does not complete all requirements by the end of the next semester, a mark of Q automatically replaces the Z. In order to receive credit for a course in which the student has received a mark of Q, he must register again and complete all requirements.

The student must be registered in the course in the semester or term in which he receives a grade to replace a Z.

The marks S and U are used only for thesis research, senior seminars, courses for demonstration of proficiency in writing and conversation, certain non-degree courses, and in a limited number of other courses which may be approved from time to time by the Vice President for Academic Affairs.

In self-paced instruction courses, if the student fails to make satisfactory progress in the course, the instructor may submit a mark of Q at any time after appropriate warning.

Academic Progress

Full-time Students. A student shall be subject to academic probation if his cumulative grade point average (GPA) in conventional courses falls below 2.0 (C) and if he receives Qs for unsatisfactory progress in one half or more of his self-paced instruction course at the end of any semester. When this situation occurs, the student's status will be reviewed. The dean's office will notify the Registrar and the student as to future status and probation restrictions.

A student who is on academic probation will be removed from such probation at the conclusion of either semester in the long term or at the end of a summer session when he has achieved the required cumulative grade point average of 2.0. If the student fails to be removed from academic probation for two consecutive registrations, he will be dismissed from the University unless he can present evidence of extenuating circumstances. Students dismissed from the University for academic reasons may appeal that dismissal through the procedure outlined elsewhere.

A first academic dismissal is for one long session semester and any intervening summer session. A second academic dismissal is for one calendar year. A third academic dismissal is for three calendar years. For re-admission in any one of these three situations the student must present evidence that he is likely to succeed in an academic program if readmitted and his readmission must be approved by the student's academic dean. A student who has

been dismissed from the University and later readmitted will be on academic probation.

Part-time Students. Part-time students who earn less than a 2.0 GPA in the last 12 semester credits completed and have not made satisfactory progress in at least half of the SPI courses in which they have enrolled at the University shall be subject to academic probation. All other conditions relative to full-time students also will apply to part-time students with one exception: If a part-time student on scholastic probation does not earn a 2.0 GPA in the subsequent 12 semester credit hours for which he registers, he will be subject to dismissal.

Second Bachelor's Degrees

An individual who already holds a bachelor's degree must complete at least 30 credits to receive a second bachelor's degree and, in the process, meet all requirements for the degree. One desiring to complete two bachelor's degrees concurrently must complete all requirements of each degree program including at least 30 credits more than required in one of the degree programs.

Correspondence Credit

Fifteen semester credits of correspondence study normally will be accepted from accredited colleges or universities, if appropriate to the curriculum. Under some circumstances, additional credits may be considered for acceptance.

Glossary

For purposes of computer processing, each discipline or area of study is assigned a letter abbreviation for identification consisting of either three or four letters, which are to be used in registration and elsewhere when the data are to be processed through the computer. The abbreviations are:

Discipline	Code
Accounting	ACCT
American Studies	AMST
Anthropology	ANTH
Art	ART
Aviation Management	AVMG
Behavioral Science	BVSC
Business Law	BLAW
Chemistry	CHEM
Communications	COM
Computer Science	CPSC
Creative Writing	CWRT
Decision Sciences	DSCI
Earth Science	ERSC
Economics	ECON

Engineering	ENGR
Finance	FIN
Government	GOVT
Great Books	GTBK
History	HIST
Humanities	HUM
Law Enforcement	LWEN
Law Enforcement Management	LEMG
Library Science	LBSC
Life Science	LFSC
Literature	LIT
Management	MNGT
Marketing	MRKT
Mass Communications	MCOM
Mathematics	MATH
Military Science	MIS
Music	MUS
Natural Science	NTSC
Pedagogical Studies	PED
Philosophy	PHIL
Physical Education and Health	PEH
Physics	PHYS
Psychology	PSYC
Sociology	SOC
Spanish	SPAN
Speech	SPCH
Theatre	THEA
University Courses	UNIV

DEGREE REQUIREMENTS

Minimum University requirements for the baccalaureate degree are at least 120 semester credits of which at least 48 must be at the junior or senior level and fulfillment of the requirements of the degree program in which a student desires to take the degree. He must have a C average or better and no F grades in all credits presented for the degree.

A total of 30 credits must be completed at The University of Texas of the Permian Basin of which six must be advanced credits in the student's major field. Of the last 30 credits at least 24 must be completed at UT Permian.

One may choose to graduate under the requirements set forth in the catalog at the time he enrolled or the requirements in effect at the time he graduates.

Government and History. Texas law requires that all students who receive a bachelor's degree from The University of Texas of the Permian Basin must have received credit for six semester hours in American government, including Federal and Texas constitutions, and six semester hours of American history; three semester hours in the history of Texas may be substituted for three of the American history credits. These will normally have been completed at the lower division; however, the history requirement may be completed after enrolling in the University.

Graduate Record Examination. All candidates for a bachelor's degree must complete the Graduate Record Examination

as a prerequisite for receipt of the degree. The results of that examination are used by the University in several ways, including an assessment of its own program and teaching effectiveness.

Writing and Conversation. Every student pursuing a bachelor's degree must demonstrate the ability to write the English language acceptably and to hold a conversation with another person on a one-to-one basis in English. These two competencies are crucial to success in almost every profession and to a satisfying personal life.

Senior Seminar. In his senior year, each student must enroll in a University seminar in which he examines his responsibility to society, which he incurs because of his specialized educational qualifications. To discourage parochial thinking, students from several disciplines participate in the same seminar.

Applied Courses. Traditionally students in teacher education, engineering, business, and other professional fields have taken a substantial portion of their curriculum in the basic arts and sciences but students majoring in arts and sciences rarely have been required to study courses in the applied or professional fields. As a part of the degree program at UT Permian, each student majoring in one of the basic arts or sciences disciplines must complete two courses in applied fields. This includes accountancy, management, law enforcement, engineering, and pedagogical studies. Both of the courses may not be in the same field, except for arts and sciences majors who are completing requirements for teacher certification.

Lifetime Sports. Every student is encouraged to enroll in lifetime sports; a maximum of two credits may be applied as electives toward requirements for a bachelor's degree.

Summary of University Requirements for Bachelor's Degree

- (1) Complete the total number of semester credit hours as established for the chosen degree program. The minimum number is at least 120 semester credit hours.
- (2) Complete at least 48 credits at the upper level.
- (3) Complete six credits in American government; six credits in American history.
- (4) Demonstrate proficiency in writing the English language.
- (5) Demonstrate proficiency in conversation in English.
- (6) Complete senior seminar.
- (7) Majors in basic arts and sciences disciplines must complete two courses in applied fields.

- (8) Maintain at least a C average in courses applicable toward degree.
- (9) Take Graduate Record Examination.
- (10) Complete at least 24 credits in major (more in some curricula), 18 in minor; at least 12 of major credits and six of minor credits must be at upper level; at least six credits in major must be taken at UT Permian.
- (11) Complete and file an application for graduation.

TEACHING EMPHASIZED

Effective teaching is emphasized at The University of Texas of the Permian Basin, combining the best of traditional or conventional teaching methods with recent educational innovations and technologies.

Innovative teaching approaches enable the student to spend more time with his professors in conversational settings than is possible in many universities.

Most of the courses are taught on a conventional basis, that is, two class meetings per week of one and one-half hours each. A number of courses in each field are offered on a self-paced instruction (SPI) basis. Each full-time student is encouraged to arrange his schedule so that he may take at least one course on an SPI basis.

Self-Paced Instruction. Self-paced instruction is designed to permit the student to complete the course as rapidly as he is capable or to take more time if needed to master it. SPI usually requires no formal class meetings, although in many courses the instructor meets once a week in a group with those students who wish to attend. Most student-instructor contact in SPI is on an individual basis. Students enrolled in an SPI course are expected to interact with the professor, either individually or in a group situation, at least once each week.

The student is provided with a course outline which includes all instructions for study, activities to complete, sources of information and other necessary instructions. He may visit the professor in his office as often as needed to discuss and clarify questions. When the student feels that he has learned a unit (sometimes called a module or mini-course), he takes a test, and if he passes it at the prescribed level, he proceeds to study the next unit. If he does not pass, he studies that unit again and takes another test, and so on until he passes it. In this way, the student passes each unit before going on to the next, so that when he completes all units and tests he should have mastered the course material.

Since a student does not need to attend classes in SPI courses, he may begin such a course at any time. Thus, in several places in this catalog where deadlines for adding or dropping courses are set, these refer to courses taught on a conventional basis and not to courses taught on an SPI basis. Most SPI courses may be started and finished at almost any

time.

Contract Study. Several different types of independent study are available at the University. These normally are undertaken after one full semester or equivalent of study at the University and often after two semesters. These are referred to as contract study since, before the study can be undertaken, the student must write out his plan for the study showing the objectives, procedures to be used in the undertakings, means of evaluation, and other plans, and have the contract plan approved by the appropriate professor.

Contract study includes what at other institutions are called independent study, readings, special problems, library research, and certain other learning activities. It will occasionally be used for a formal course when that course is not offered in the University.

Experiential Learning. As a capstone to their education, candidates for the bachelor's degree are expected to complete a planned program of experiential learning, unless they have had appropriate work experience previously. Experiential learning, referred to in the College of Science and Engineering as "authentic involvement" and in the College of Arts and Education as "practicum," also is known elsewhere as internship, externship, field experience, cooperative education, and by other names. Student teaching is another example. Experiential learning normally occurs in the senior year, usually in the final semester, and provides the student an opportunity to apply his academic learning in a work situation under the supervision of a faculty member and the direction of a preceptor in the work situation. It requires that there be a pre-planned and written program of the experiences to be acquired and a procedure for evaluating these experiences. Typically, students enroll in experiential learning for two to three credits, requiring one or two half days per week for one semester or equivalent.

Other Teaching Approaches. The University offers seminars, occasionally a filmed course, a limited number of computer-assisted courses, and a few courses on an auto-tutorial basis. Special stress is placed on the use of the Instructional Media Services of the Learning Resources Center in all courses, those using newer teaching approaches as well as those taught on a conventional basis.

The audio cassette is used extensively by students at the University. Instructions for some laboratory exercises are provided on cassette; some lectures are available on cassette, as are certain study materials in music and others. Therefore, each student is expected to have his own portable cassette tape player with headphone or earplug attachment.

INTERDISCIPLINARY STUDIES

Considerable opportunity is available for students to build interdisciplinary programs. The requirement of a minor for the B.A. and B.S. degrees represents an attempt to broaden one's education, as does the requirement of courses in applied fields. Most interdisciplinary and cross-disciplinary studies

are planned within the context of offerings in the respective disciplines. In addition, there are courses which are not peculiar to a particular discipline. Some of these deal with a group of disciplines such as natural sciences and behavioral sciences while others involve disciplines from throughout the University.

These courses are:

BVSC 059. Development of Mental Proficiency	1-3
GTBK 301, 302. Great Books I, II	2,2
UNIV 399. Senior Seminar	1

Standard Numbers. Several numbers are standard among all disciplines in the University or in certain categories of disciplines.

389. Selected Topics Undergraduate courses which will be offered only once or will be offered infrequently or which are being developed before a regular listing in the catalog. Offered in all disciplines.	1-3
391. Contract Study Students who are pursuing independent study or research as described in the Contract Study format. Offered in all disciplines.	1-3
392. Experiential Learning (College of Management)	1-3
392. Authentic Involvement (College of Science and Engineering)	1-3
392. Practicum (College of Arts and Education) The number under which students register in meeting the experiential learning requirement set forth in this catalog. Available in all disciplines in which a bachelor's degree is offered.	1-3
398. Senior Seminar Seminar in the discipline or related disciplines. University-wide interdisciplinary seminars are listed as UNIV 399.	1
489. Selected Topics Courses as described in 389 that are open for graduate credit in disciplines that do not offer the master's degree.	1-3
491. Contract Study For study eligible for graduate credit in disciplines in which the master's degree is not offered.	1-3
689. Selected Topics In disciplines in which the master's degree is offered.	1-3
691. Contract Study In disciplines in which the master's degree is offered.	1-3

692. Experiential Learning 1-3
In disciplines in which the master's degree is offered. Referred to as "Authentic Involvement" in the College of Science and Engineering and as "Practicum" in the College of Arts and Education.
698. Master's Problem 1-3
To meet the research requirements in non-thesis master's degree programs.
699. Master's Thesis 1-6

The student must have the approval of the responsible instructor before registering for courses 391, 392, 491, 691, 692, 698 and 699. In some cases, prior approval is required for others and will be so indicated in the schedule of classes.

EXTENSION CLASSES

The class day begins at 8:00 a.m. and ends at 9:45 p.m. and in some cases later. Unlike some universities in which courses offered after 5:00 p.m. are provided through an extension division, at UT Permian courses offered in the late afternoon and evening are a part of the regular offerings of the University. Students enrolling in late afternoon and evening courses only register in the same manner as students who are taking daytime courses only. Many full-time students have a mixture of daytime and evening classes.

MILITARY STUDIES

U.S. Army ROTC

The University offers military study leading to a commission as a second lieutenant in the United States Army Reserve. Credit earned in military studies is considered academic credit but it may not substitute for requirements for a degree.

The Department of the Army maintains a senior division ROTC unit at Texas Tech University for the purpose of providing qualified graduates a means of obtaining a commission in the U. S. Army. The ROTC program is open to both female and male students. Through a cross-enrollment agreement, this program is available as described below to The University of Texas of the Permian Basin students. Interested students should contact the Director of Admissions for details of enrollment procedures. No tuition is charged for enrollment in the program and all books and uniforms are provided the student free of charge. UT Permian charges a recording fee of \$5 for each military science course taken.

Program. Entrance into the courses entails signing an agreement with the Army to continue in the program and to accept a commission, if offered. Students receive a subsistence allowance of \$100 per month during the school year and approximately \$450 per month for attendance at one six-week summer camp at the end of the student's junior year. A student must pass prescribed physical and mental examinations

to qualify for the course. Application for this program must be made as early as possible, preferably prior to enrollment for the junior year, since applicants without credit for prior military service or basic ROTC are required to attend summer camp preceding the junior year. Credit for prior military service or ROTC training may be granted.

Scholarships. Two year scholarships are available to students enrolled in the ROTC program. These scholarships pay all tuition fees, books, and laboratory fees, and other purely educational expenses for all courses in which the student is enrolled and pays a cash allowance of \$100 per month for 10 months per year to the scholarship student. Selection for these scholarships is competitive. Application is through the Professor of Military Science.

Flight Training. Qualified students interested in becoming Army aviators after commissioning may receive flight training at a selected flying school during their senior year. The cost of this training is paid by the Army. Upon acceptance into this program, the student must agree to apply for and accept flight training in the Army.

Extra-Curricular Activities. The Military Science Department sponsors a number of extra-curricular activities. There is a Ranger Detachment which strives to develop individual skills and small-unit teamwork. The unit provides the opportunity for students to apply their classroom training to realistic field situations. The training is designed to teach individual skills, develop individual confidence, and operate as a team. Membership is open to all ROTC Cadets and members of the Marine Platoon Leaders Course who otherwise meet University and unit standards.

The Military Science Department will sponsor other extra-curricular activities as the membership increases. Such activities will include a precision drill team, rifle and pistol teams and a military honor society. Additionally, the Department will sponsor intramural athletic teams.

Courses in Military Science

- | | | |
|---------|--|---|
| MIS 331 | Leadership, Military Teaching and Branches of the Army | 3 |
| | Psychology of leadership and its application; methods and techniques of military instruction; mission and organization of combat branches of the U.S. Army. Prerequisite: Basic ROTC or prior military service. | |
| MIS 322 | Small Unit Tactics and Communications | 2 |
| | Principles of offensive and defensive combat operations and their application in units of an Infantry Battalion; principles of communications and communications systems used within the battalion. Prerequisite: Same as MIS 331. | |

MIS 431 Military Operations, Logistics and Administration 3

Military staff organization and functions; supply and logistics principles; Army system of motor transportation and preventive maintenance; fundamentals of Army administration. Prerequisites: MIS 322, 331.

MIS 422 Military Law, Role of the United States in World Affairs, and Service Orientation 2

Fundamental concepts of military justice, its methods and purpose; effect of U.S. power and policy on present world situation; orientation on service life. Prerequisite: Same as MIS 431.

Marine Corps Programs

The Marine Corps Platoon Leaders Program is available at the University as is the Marine Woman Officers Candidate program. Applicants may sign up for the program during their sophomore year and attend two six-week summer camps at Quantico, Virginia, or they may sign up during their junior year and attend one ten-week summer camp at Quantico. Upon successful completion of the summer camps and graduation they will be commissioned Marine Corps 2nd Lieutenants. One hundred dollars a month will be paid candidates during the school year after successful completion of the first summer camp. The same provisions apply to the Woman Officers Candidates except that their summer camp is seven weeks. Men entering during their freshman year at other institutions can continue the program at UT Permian.

STUDENT SERVICES

In addition to formal courses and other academic experiences, the education and intellectual and personal development of students are further enhanced through a wide variety of out-of-class services. This aspect of the student's University experience is primarily the responsibility of the Division of Student Services. Following are the major areas of service of that Office and its components.

Financial Aid. The University has available a variety of scholarships, grants-in-aid, loans, federal work study programs, and other forms of institutional, private, state, and federal assistance to students.

The State of Texas provides tuition exemptions for State residents who meet certain qualifications. In addition, Texas tuition scholarships through the Connally-Carrillo Act provide assistance for needy students graduating in the upper twenty-five percent of their high school class since May of 1967. Various scholarships from other sources are also available.

The federal government provides funds through the Supplemental Education Opportunity Grant program to students from low-income families. Federally funded Law Enforcement Education Grants are available to in-service law enforcement officials.

Long term loans available include the National Direct Student Loans, Hinson-Hazlewood Loans for Texas residents, Federally Insured Loans and several private loan sources. Short term loans are available for students with emergency loan needs.

Detailed information concerning all financial assistance programs as well as applications may be obtained from the Financial Aid Office.

Housing for Students. The University does not own or operate any student housing facilities. Consequently there are no formal University housing regulations for students. Students who do not live at home will need to locate living accommodations in the surrounding communities. To assist students in locating off-campus housing the University provides a listing of householders in the community who have accommodations available for rent. Individuals who desire such a listing or wish to obtain further information should contact the Director of Student Life.

Students should be aware that the University does not inspect or recommend any off-campus rental facilities; nor does it, in any way, become a party to a contractual agreement between a householder and a student.

Placement. The Placement Office provides the opportunity for a graduating student to come into contact with a potential employer in his career field. This office has available information on and, in many cases, can arrange interviews with local, regional, and national companies.

Students who wish to utilize this service should plan to register with the Placement Office during the fall semester of the year they expect to graduate.

Student Health Insurance. Personal health is the responsibility of each individual student. All students who enter the University are encouraged to carry health and accident insurance. The University makes available at minimal cost a voluntary health and accident insurance program for students. Further information may be obtained by contacting the Student Life Office.

In light of the excellent community medical resources, the University does not provide on-campus medical services.

Student Conduct. The University considers all students to be adult; therefore, their behavior is subject to all expectations of The University of Texas Regents and UT Permian rules and regulations as well as local, state, and federal laws. The University reserves the right to restrict the enrollment of any student for disciplinary or academic reasons. Further information regarding the University's rules of conduct and due process procedures are provided in the student handbook published by the Student Life Office.

Student Activities. The University has developed student activities programs which provide an opportunity for the expression and development of student interest. Such programs can provide the major means through which students may give expression to their talents, develop their skills, and deepen relationships with other students and faculty. Further information regarding student organizations and activities can be obtained from the Student Life Office.

Orientation. An orientation program designed to acquaint the student with the University community is conducted at the beginning of each semester. Details concerning each semester's program are developed by the Student Life Office and mailed to incoming students about four weeks prior to their scheduled registration. This is a comprehensive program designed to acquaint students with faculty as well as with each other.

Veterans Affairs. The University participates in all aspects of the Veterans Administration programs available to returning veterans who enroll as students. Information concerning rights and privileges can be obtained by contacting the Financial Aid Office.

Part-time Employment. Students not receiving any type of financial aid through the University but who desire part-time employment should contact the Personnel Office of the University. This Office assists students in locating part-time jobs on campus.

Students who are receiving financial aid through the University should contact the Office of Financial Aids if they desire part-time employment.

Off-campus employment. Students who are desirous of obtaining part-time employment off campus in the Midland-Odessa

area should contact the Financial Aid Office. Local business and industrial employers keep in close touch with this Office to insure that students are informed of job openings in the community.

The Texas Rehabilitation Commission offers assistance for tuition and non-refundable fees to students who have certain disabling conditions provided their vocational objectives have been approved by a TRC Counselor. Examples of such conditions are orthopedic deformities, emotional disorders, diabetes, epilepsy, heart conditions, etc. Other services are also available to assist the handicapped student to become employable. Application for such service should be made at:

Texas Rehabilitation Commission
Odessa District Office
First National Bank Bldg. Suite 414
Odessa, Texas

Intramural Sports. A variety of intramural sports programs are available in which individuals may participate. All organizations or individuals who wish to participate on either an individual or team basis may obtain information regarding the various sports by contacting the Director of Student Life in the Administration Building. Many of the programs are designed to supplement the Lifetime Sports program of the University.

University Bookstore. Textbooks and academic supplies may be purchased on campus at the University Bookstore located just west of the classroom complex. Costs of such items will depend upon the courses selected. In general, books and supplies for technical subjects are somewhat higher than those for many of the usual academic subjects.

The University Bookstore will purchase from students used textbooks which are in good condition provided that such textbooks continue in use by the various departments.

COLLEGE OF ARTS AND EDUCATION

The College of Arts and Education offers programs leading to the Bachelor of Arts degree in anthropology, art, creative writing, government, history, humanities, literature, (options in American literature, American studies, English literature, and comparative literature), mass communications (journalism and radio-television), music, physical education and health, psychology, sociology, speech, Spanish, and theatre. Teacher education programs are offered in most of the arts and sciences teaching fields.

The Master of Arts is offered in physical education and health and in education, with options in early childhood education, elementary education, secondary education, counseling, and special education. A certification program in educational administration will be offered beginning in September, 1974.

The programs leading to the Bachelor of Arts degree are sufficiently flexible to permit students to plan concentrations in keeping with their educational needs, interests, and career plans. Within the context of each major a student may plan a program that will provide a broad liberal education, or may devise a program that will provide preparation for immediate entry into a career or graduate study.

DEGREE REQUIREMENTS

In addition to general University requirements for the Bachelor of Arts degree, as listed on pages xx and xx, the student must complete the College degree requirements given below.

The Bachelor of Arts degree in the College of Arts and Education requires a minimum of 120 credits, and in some individual programs more will be required. Except in those fields of study listed below, a minimum of 24 semester hours of coursework is required in each major, and the student must complete a minor of at least 18 semester credits. At least 12 credits in the major and six in the minor must be completed at the upper level. In the case of interdisciplinary programs, specifically American studies and humanities, the major and minor requirements do not apply; see the appropriate sections for specific requirements for those programs. Students majoring in music, art, and theatre will complete a major and a minor as described above, while students preparing for teacher certification will be required to complete additional credits in the major field but are not required to complete a minor.

Lower Division Requirements

The Core Curriculum set forth by the Coordinating Board, Texas College and University System, will be accepted in its entirety and applied toward appropriate degrees, but it is not necessary that the student complete this exact list of courses. For example, except for majors in Spanish, the study of a foreign language is not required for the Bachelor of Arts or the Bachelor of Science degree, although it is recommended for certain majors.

In many cases, because of special interest of career plans, the individual would be well advised to complete four semesters of one foreign language; in other cases, however, the student would be wiser to use the time that might be spent on a foreign language on some other course or courses which will fit his particular needs better. Following is a list of required and recommended courses for students who plan to transfer to the University and to pursue the Bachelor of Arts degree in the College of Arts and Education.

	Required	Recommended
	(Semester Hours)	
English Composition	6	6
Literature	6	6
Government, American	6	6
History, American	6	6
Mathematics	3	6
Biological Science	3	6
Physical Science	3	6
Fine Arts	-	3
Psychology	-	3
Sociology or Anthropology	-	3
Economics	-	3
Speech	-	3
Philosophy	-	3

It is to the student's advantage to complete all of the required courses before entering, but it is not required. If he has completed 60 credits but still lacks some of the required courses, he may be admitted to the University and complete those courses afterward, either at the University or by concurrent enrollment at a community college.

The courses in government and history listed above are required by state law. A course in philosophy may be substituted for one of the literature courses. Students planning to study art, music, or theatre and who plan the teacher preparation options may, in some cases, make course substitutions for the requirements in mathematics and natural sciences. In addition to the foregoing, courses should be taken in the major and minor fields, in most cases no more than nine credits each, although as many as 12 credits in each may be accepted.

If a student finds, after enrolling at the University, that he requires a freshman or sophomore course, it will be possible for him to take that course at a nearby junior college.

PROGRAMS OF STUDY

The 21 degree programs in the College of Arts and Education include those in the liberal arts, the social and behavioral sciences, and the fine arts. In addition, programs of teacher education are available at both the undergraduate and graduate levels, but not as separate majors. Undergraduate students preparing to qualify for teacher certification at any level are required to complete an academic major, while graduate students may earn the Master of Arts degree in the following fields: counseling, early childhood education, elementary education, secondary education, special education, and physical education and health.

American Studies

The American Studies major is concerned with the development of American civilization from the vantage point of several disciplines. Its purpose is to enable students to achieve a systematic understanding of American society, thought, and culture in considerable breadth but also with reasonable depth. Course work is concentrated in history and literature, but may also include study of other fields in the social sciences, the fine arts, and the humanities. There is no minor.

American Studies majors are not prepared for specific vocations, but with their understanding of American development they can reasonably look forward to careers in writing, government, education, or similar fields, or they are prepared to continue their studies at the graduate level in American Studies or related disciplines.

Detailed programs for each individual student must normally have the approval in advance of a faculty adviser. As a minimum, each student's program should include from 9 to 12 semester hours of upper-level credit in American history, 9 to 12 semester hours of upper-level credit in American literature, and 6 hours of upper-level credit in appropriate course work in at least two of the following fields: anthropology, art, creative writing, economics, mass communications, music, government, philosophy, sociology, and theatre.

In addition, the following course is required of all majors and is normally taken in the senior year:

AMST 425 Colloquium in American Studies 3

A multidisciplinary approach to a topic of major concern in the development of American civilization.

Anthropology

Anthropology involves the study of man in his society within a historical and comparative context. There are five generally recognized fields of study within anthropology. Social anthropology is concerned with the structure and organization of society and also with social behavior, frequently viewed in the historical context, but social anthropologists are increasingly concerning themselves with contemporary social behavior. Ethnology is concerned with man's culture, its history, growth, and change. Archaeology is an approach to understanding man's social and cultural systems through reconstruction or unearthing of man's remains. Physical anthropology involves the study of fossil evidence for human evolution, the behavior of primates, and genetic characteristics of man. Linguistics deals with the properties of language and its contribution to the understanding of man.

The study of anthropology prepares individuals for careers in medicine, government service, education, and others in which an understanding of social relationships among men

is useful. The Bachelor of Arts degree program in anthropology is intended to provide broad preparation in anthropology with special emphasis on social and cultural anthropology.

A major in anthropology serves students with at least three different orientations. The first group includes individuals who desire a broad liberal education but wish more than elementary understanding of anthropology. The second group consists of those individuals who wish to become social studies teachers in the secondary school or teachers in the elementary school and have special interest in anthropology. Finally, programs can be devised for those who wish to become professional anthropologists, including further study of anthropology in graduate schools. Students in the first two categories normally take a minimum of 24 credits and a maximum of 32 credits in anthropology. Those in the last category typically take considerably more than the minimum number of credits in anthropology. Most of the students majoring in anthropology minor in sociology, although some choose to minor in psychology, life science, art, or even other less directly related disciplines.

Before arriving at the University, students should have completed at the lower division an introductory course in anthropology. Majors in anthropology should complete a course each in social anthropology and in physical anthropology. The remainder of the courses in the major are selected by the student and his adviser within the context of his interests and/or career plans.

COURSES IN ANTHROPOLOGY

ANTH 301	Man and Culture	3
	An introduction to the basic concepts of culture and physical anthropology. Prerequisite: none	
ANTH 311	Social Anthropology	3
	Comparative analysis of social structure. Emphasis is on the kinship, political and religious institutions of primitive and peasant societies and the functions served by these institutions.	
ANTH 315	Physical Anthropology	3
	Introduction to the evolution of human behavior and culture with particular attention to the somatic and technological foundations of culture. The biological development of man is related to important developments in technology and social organization.	

- ANTH 344 Language and Culture 3
 A study of language and its correlations with other aspects of culture. Consideration of the nature and definition of language, cultural focus and semantic field, world view, and a study of language variation as it is related to other social behavior.
- ANTH 361 Ethnic Groups of the Southwest 3
 A study of the Indian, Spanish, Mexican and Anglo cultural traditions including the economic, social and religious institutions of these southwestern United States groups.
- ANTH 375 Linguistic Anthropology 3
 Principles and methods in the description of the significant sounds and the meaningful units in the structure of languages.
- ANTH 385 North American Indian Ethnography 3
 A comparative study of Indian societies of North America including prehistory, culture areas, linguistic classification and contemporary cultural developments.
- ANTH 386 Peoples of Mexico 3
 The cultural background and present-day economic, social and religious life of Indians and Mestizo groups in rural Mexico; the processes of acculturation and current trends in cultural development.
- ANTH 416 Archeology of Meso-America 3
 The evolution of Mexican and Mayan civilizations from the Early Hunters through the Post-Classic Period. Emphasis will be on the reconstruction of prehistoric civilizations from archaeological evidence.
 Prerequisite: ANTH 301, or equivalent, or consent of instructor.
- ANTH 417 Archeology of the Southwest 3
 The development and characteristics of prehistoric Indian societies is considered with particular attention to the Mongolian, Hohokam, Anasazi and Casa Grande areas. Ties of the area to nuclear Meso-America will be discussed.
- ANTH 427 Trends in the History of Anthropology 3
 A historical treatment of the chief theoretical contributions to anthropology with a major emphasis on cultural anthropology.

ANTH 437 Urban Anthropology 3

Cross cultural survey of the development of urban settlements from the agricultural civilizations to present-day industrial urban society.

ANTH 485 Peoples and Cultures of Africa 3

A study of the peoples and cultures of Africa south of the Sahara to include prehistory, culture area and linguistic classifications, the study of selected cultures and contemporary society.

Art

The study of art is a study of man as an image and form maker. From the earliest times man has made visual symbols which affirm the need for aesthetic communication between the creator and the spectator. The understanding and practice of art as communication is the core of the UT Permian art program.

A non-specialized degree program in art is offered which concentrates on developing in students a measure of proficiency in the basic art forms, built on a foundation of theoretical training in art. This training takes place in an "Open Studio" setting which allows the student to develop his own concept of art and to bring it to fruition by moving freely from one studio area to another at his own pace.

The major in art requires a minimum of 24 semester credits in art and a minor of 18 credits in another discipline; at least 12 of major credits and six of minor credits must be at the upper level and at least six credits of the major must be taken at UT Permian.

The degree Bachelor of Arts is offered in art. However, there is sufficient flexibility to enable students to plan programs equivalent to the B.F.A. at other institutions. In addition, those students planning for careers in teaching can complete a program in art which essentially parallels a bachelor's degree in art education.

Art 301, "Concepts of Art," is required of all entering students.

COURSES IN ART

ART 301 Concepts of Art 3

At the completion of this course the student will be conversant with the major working concepts used by artists through the ages. The student will conceive his own concept of art to be used in all studio classes for the academic year.

ART 303 The Human Figure 3

At the completion of this course the student will have experience in drawing the human figure in

the following mini courses: the skeleton, muscles, head, the total figure and the figure in motion with a variety of media.

- ART 311 Painting Techniques-Water 1-6
- At the completion of this course the student will have experience with water soluble media including transparent watercolor, gouache, acrylics, mixed media and egg tempera.
- ART 313 Painting Techniques-Oils 1-6
- At the completion of this course the student will have experience in the preparation of a ground and support for a painting, the use of color, and paint handling (including glazes), the chemistry of paint, and the use of the encaustic medium.
- ART 314,
315 Anglo-American Images-History 3,3
- A lecture course, using visual aids, studying the artifacts, painting, sculpture and architecture resulting from the Anglo-American presence on the North American continent from 1620-1940.
- ART 320 Graphic Art I-Intaglio 1-6
- At the completion of this course the student will be familiar with plate preparation, the use of grounds and mordants, the use of the press and the preparation of inks. The student will have experience in the following printing processes: drypoint, etching, aquatint, color printing, and collagraph.
- ART 322 Form Design I-Ceramics 1-6
- An exploration of form design in ceramics utilizing slab, coil, and wheel-thrown methods. Emphasis is placed on developing creative approaches.
- ART 323 Graphic Art II-Relief 1-6
- At the completion of this course the student will be skilled in the following processes: direct building form, wood carving, stone carving, and bronze casting.
- ART 329 Form Design II-Materials 1-6
- At the completion of this course the student will be skilled in the following processes: direct building form, wood carving, stone carving, and bronze casting.

- ART 372 Elementary Art Education 3
- At the completion of this course the student will be prepared to teach art to children through the following investigations: the characteristics and stages of creative development in child art; the procedures and methodology for stimulating, selecting and motivating elementary art experiences.
- ART 373 Secondary Art Education 3
- At the completion of this course the student will be prepared to teach art at the secondary level. More specifically the student will study and investigate the procedures and methodology for selecting, stimulating and motivating art instruction.
- ART 420 Graphic Art III-Planographic 1-6
- At the completion of this course the student will be skilled in the following processes: Preparation of inks, printing the black and white lithograph, and color separation.
- ART 422 Form Design III-Glass 1-6
- At the completion of this course the student will be skilled in the following processes: color mixing, forming methods, introduction to glass blowing.
- ART 423 Graphic Art IV-Serigraphy 1-6
- At the completion of this course the student will be skilled in the following processes: preparation of the silk screen, the tusche method, photo-silk screen, and cut paper frisket.

Creative Writing

The Bachelor of Arts degree program in creative writing is designed for students who plan a career in writing and for those who consider writing a desirable preparation for other fields. Writing courses allow a student to concentrate his work in the genre he chooses--fiction, poetry, drama, or non-fiction. Literature and mass communications offerings also provide courses that may be included in the writing major.

The creative writing program, according to the specialty selected, will prepare the student for careers in fiction writing, magazine editing and publishing, book publishing, advertising, teaching, and for writing positions in industry, government, the military services, and institutions of higher education. Creative writing courses are open to non-writing majors and should prove valuable to all students interested in learning to write well.

The minimum requirement of 24 credits in the major field may consist solely of creative writing or may be a combination of not less than 12 credits in creative writing and at least 12 credits in literature and/or mass communications. The minor can be a field outside of the literary sphere such as psychology, sociology, or the behavioral sciences. A student interested in technical writing might minor in engineering or management; a fiction writer might choose history or literature.

All majors in creative writing are required to complete CRWT 305, 352, and 490, plus six credits in literature.

COURSES IN CREATIVE WRITING

CRWT 305	Advanced Exposition	3
	This course emphasizes essential aspects of language that help a student write clearly. The student practices writing information and opinion papers to develop effective expression.	
CRWT 315	The Short Story	3
	The student will have practice in writing and revising story drafts. Class discussion and conferences with the instructor help guide the student.	
CRWT 325	Poetry	3
	Verse writing and discussion of student and other works are essential parts of the course. The student will experiment in a variety of verse forms.	
CRWT 335	Television Drama	3
	The student gains experience in the writing and analysis of television drama. The course includes an analysis of artistic norms, values, and objectives of contemporary television programs.	
CRWT 337	Short Drama	3
	This course combines the study and practice of writing plays. The student will write two short plays and analyze student and other works.	
CRWT 352	Fiction	3
	Through individual conferences with the instructor, class discussions of short fiction, and outside reading, the student will develop insights into language and have practice in writing fiction.	

CRWT 362 Writing Non-Fiction 3

This course is devoted exclusively to the development of writing skills that will help the student more exactly express his ideas in non-fiction. The student will write articles or essays in the discipline of his choice.

CRWT 490 Writing Tutorial 3

This advanced writing course allows the student to further develop skills in the genre of his choice--whether fiction, poetry, or drama. Instructor-student conferences are designed to aid the student.

Government

The Bachelor of Arts degree program in government is oriented primarily toward the study of American government and politics and secondarily toward comparative government, with supporting study in political theory.

A major in government is ideal for students with many different objectives. The student who desires a general education and is particularly interested in the political and social sciences will find the study of government rewarding. In addition, a wide variety of career opportunities is open to students who major in government, including the United States Foreign Service, specialized work in foreign countries, foundations, the federal government and private organizations, city management, and other types of public administration and public service, plus positions less directly related to government. Pre-law students find the study of government appropriate preparation for law school. A major in government is suitable for students who plan to teach government or social studies in the secondary school and also for those preparing to teach in elementary schools.

In addition to lower division requirements set forth elsewhere in this catalog, including particularly two courses in American government, a major in government at the University should include at the upper level at least one course in American government, one course in comparative government, and one in political theory. Within that framework the student and his faculty adviser plan a program in keeping with the student's interest and career plans.

COURSES IN GOVERNMENT

GOVT 311 State and Local Government 3

A study of selected state constitutions, legislatures, governors, courts, counties, municipalities, special districts, and intergovernmental relationships.

- GOVT 313 American Parties and Politics 3
The history, role and function of parties in the American political process.
- GOVT 315 The Legislative Process in the United States 3
Organization and procedure of American legislative bodies; analysis of public and private influences upon public policy formulation.
- GOVT 321 Introduction to Comparative Government 3
An examination of principles of government, including the concept of the nation state, sovereignty and international relations, based on an examination of governments of selected nations of the world.
- GOVT 331 Modern Political Systems 3
A comparative analysis of the structure and processes of politics in selected political systems.
- GOVT 417 Interest Groups in the American Political Process 3
The nature of groups in the United States which are able to exert sufficient pressure on the governmental process to influence to an appreciable state the outcomes of that process.
- GOVT 423 Governments and Politics of Latin America 3
An examination of the political processes, organizations and functions which govern selected nations of Latin America.
- GOVT 427 International Relations 3
This course examines the enduring factors that affect interactions between nation states and compares diverse theories and models of analysis. The predictive values of theories and models are considered.

- GOVT 431 American Political Thought 3
- An examination of the major American political theories and the major trends in American political thought, both as they are related to the socio-economic and political development of the nation and as they have affected that development.
- GOVT 433 Systematic Political Theory 3
- A detailed consideration of the contemporary problems of normative political thought. Modern moral philosophy, the nature of laws, the limits of behavioralism and the fact/value dichotomy will be explored as they relate to the formulation of political values.
- GOVT 435 20th Century Political Thought 3
- An examination of the development, operation, and consequences of the modern ideologies of Communism, Facism, Democracy, Liberalism and Radicalism.
- GOVT 441 Western Political Tradition 3
- The origin, derivation and application of principles of government from their earliest appearance in Western thought to their effect on recent government. Major figures will be studied in detail.
- GOVT 443 American Foreign Policy 3
- The origin, conduct and application of American foreign policy in world affairs.

History

The study of history represents man's attempt to understand the past, not only what happened but why it happened. It has been said that he who ignores history is doomed to repeat the mistakes of the past. Thus, the study of history leads to an understanding of man's present behavior, his customs and traditions and also provides a basis for predicting the future.

History is an ideal major for the individual who prefers a broad liberal arts education rather than professional preparation. It also provides good preparation for a number of professional and career goals in government, industry, writing, and other fields. History is a logical major not only for those preparing to teach history or social studies in the secondary schools, but for many who are preparing for teaching at the elementary or kindergarten level.

The program in history provides breadth of preparation typical of baccalaureate degree programs in history elsewhere but at the same time will allow flexibility in order that a student may build emphasis in an area or areas of history of special interest to him. The University currently has special strengths in history of the American West and in Latin American history.

Students in the teacher education option will take a minimum of 24 credits in history and the required pedagogical studies courses. Students in the non-teaching option will be expected to complete additional courses in history leading to more specialized preparation.

Students should have completed two courses in American history before enrolling in the University. Additional requirements include a course in history of the American West and a course in Latin American history preferably at the upper level. Other courses are selected by the student and his adviser in the context of his background or preparation, interests, needs, and professional plans, but at least one must be taught in a seminar format.

COURSES IN HISTORY

- | | | |
|------------------|--|-----|
| HIST 301 | The Development of Modern Texas | 3 |
| | A discussion-oriented examination of the political, social, economic, and historical development of modern Texas. Class exercises include field work in state and local history. | |
| HIST 303,
304 | History of the American West | 3,3 |
| | A lecture-discussion study of the settlement and development of the American West and the impact of the West on the history of the United States. | |
| HIST 305 | History of the Southwestern U.S. | 3 |
| | A self-paced course which emphasizes the development of analytical and writing skills through the study of primary source materials which relate to regional history and through training and practice in oral history techniques. | |
| HIST 311 | History of Mexico | 3 |
| | The conquest and expansion of the Spanish in North America; the social, economic and political history of Mexico since independence. | |
| HIST 313,
314 | History of South America | 3,3 |
| | The political, social, cultural and economic development of South America from the period of the Conquest to the present. The course divides at 1810. | |
| HIST 315 | History of Central America | 3 |
| | The history of Central American Republics, the Caribbean cultural area from the Colonial period. | |

- HIST 321,
322 History of Western Europe 3,3
Major social, economic, political and intellectual developments in Western Europe from the Middle Ages to the present.
- HIST 331 The United States in the Nineteenth Century 3
Jacksonian Democracy; sectionalism; the Civil War and Reconstruction; industrial development; agrarian radicalism.
- HIST 333,
334 The United States in the Twentieth Century 3
Examination of political, economic, and social domestic affairs contributing to the twentieth century development of industrial, urban, and rural America.
- HIST 335 American Colonial and Early National History 3
A lecture-discussion course which emphasizes the development of analytical and writing skills through the study of primary source materials which relate to the political ideas and institutions of America before 1820. Special attention is given to the American Revolution.
- HIST 401 The Frontier in American History 3
A seminar course in which students analyze the historical literature relating to Frederick Jackson Turner's frontier thesis and apply their findings to research projects in local history.
- HIST 437 The Civil War and Reconstruction 3
A lecture-discussion course in which the history of the South from 1850 to 1876 is approached through analysis of primary source materials and scrutiny of selected scholarly articles and monographs.
- HIST 451 The History of American Thought 3
Puritan theology; the American Enlightenment; transcendentalism; naturalism and Social Darwinism; pragmatism and experimentalism; ideological pluralism.
- HIST 471 History of Africa 3
An examination of the pre-colonial folk histories in the oral traditions of sub-Saharan Africa; colonization of Africa by European nations; the processes and problems of independence.
- HIST 481 Ethnic Minorities in the United States 3
A study of the contributions of the various ethnic minorities to the development of American political and cultural traditions and institutions.

Humanities

The program leading to the B.A. degree in humanities is multidisciplinary and is designed for the individual who desires a liberal arts education but does not wish to specialize. Within broad limits, each program is individually designed by the student and his adviser. The program includes primarily humanistic studies but requires that the individual become acquainted with several other disciplines.

The humanities major is considered a wise choice for students who are nonvocationally oriented or who are planning postgraduate study of law, theology, the liberal arts, and certain other fields.

The B.A. degree in humanities requires 120 semester hours of credit, including the following:

- 1 9-15 credits in each of two of the following:
 American studies, creative writing, literature, mass communications, and speech.
- 2 9-12 credits in one of the following:
 history, Spanish language (or other foreign language) and literature, or philosophy.
- 3 At least six credits in each of two of the following:
 music, art, theatre, dance.
- 4 At least six credits in each of two of the following:
 anthropology, sociology, economics, government, pedagogical studies, psychology.

The above may include courses completed in meeting the lower division requirements; however, one-half of each group must be at the upper level. Additional courses included shall be determined in consultation with the adviser following discussions concerning the student's educational background, plans, professional goals and needs, provided that all of the courses included in the planned program for the humanities have intellectual coherence.

Literature

The goal of the literature program is to enable the student to develop the professional skills of the literary critic, scholar, and teacher: namely, to read intelligently and imaginatively and to write and converse about literature knowledgeably and articulately.

The literature program offers coursework in four fields of specialization: American, British and comparative literature, and Spanish. Literary studies also figure prominently in the interdisciplinary degree programs of American studies and humanities and in the creative writing program (see separate descriptions for these programs and for Spanish).

The student who selects literature as a major field of study must complete 24 semester hours of credit in literature courses, in addition to the six hours of English usually taken during the freshman year, of which at least 12 hours must be in upper-division courses.

The 24 hours should be distributed as follows: 12 hours in one of the specialty fields, American, British, or world literature, including a three-hour survey course and six hours in 400-level courses, six hours in a second specialty field and six elective hours in literature and creative writing courses. Students are encouraged to take at least three hours in creative writing.

The minor consists of 18 semester hours of credit in literature courses. Six hours must be in upper-division courses. As many as six hours of freshman English and three hours of creative writing may be applied toward the minor. Students who seek certification to teach in the secondary schools and who designate literature as a second teaching field are urged to fulfill all the requirements for the major in literature.

COURSES IN LITERATURE

- | | | |
|-----------------|---|-----|
| LIT 301,
302 | History of American Literature | 3,3 |
| | A chronological examination of writers, works and movements (fiction, non-fiction, poetry) from beginnings to the present. The course divides at 1865. | |
| LIT 321,
322 | History of British Literature | 3,3 |
| | A chronological study of major works in English literature, beginning with Old English, and an examination of the historical development of the literature. | |
| LIT 341,
342 | History of World Literature | 3,3 |
| | Reading and critical discussion of masterpieces of world literature in translation. The course divides at the Renaissance. | |
| LIT 351 | The Short Story | 3 |
| | Reading and critical analysis of British, European and American short fiction, with emphasis on generic study and textual explication. | |
| LIT 361 | Literary Criticism | 3 |
| | A study of major approaches to literary texts: historical, sociological, psychological, biographical, anthropological, linguistic, and aesthetic. | |

- LIT 371,
372 The English Language 3,3
- A problem-solving course in applied English linguistics including the nature of language; historical development of English; interrelationships among linguistic, social, and psychological systems; and problem-solving methodologies.
- LIT 401,
402 American Poetry 3,3
- Discussion-oriented study of American poetry: colonial, romantic and later nineteenth century, and an analysis of the theories and practice of major twentieth century poets. The course divides at 1900.
- LIT 405 American Drama 3
- A study of the historical development of American drama, types of dramatic literature and masterpieces in American drama.
- LIT 411,
412 American Fiction 3,3
- A discussion-oriented examination of masterpieces in American prose fiction, beginnings to late nineteenth century and late nineteenth century to the present.
- LIT 421,
422 British Poetry 3,3
- A consideration of poetry as a literary genre through the study of major works of British poetry from the Middle Ages through the present. The course divides at 1800.
- LIT 425,
426 British Drama 3,3
- A consideration of drama as a literary genre through the study of major works of British drama from the Middle Ages through the present. The course divides at 1800.
- LIT 431,
432 British Fiction 3,3
- A study of the novel and short story as literary genres through an examination of major works of British prose fiction from beginnings in the Renaissance to the present. The course divides in the Victorian period.

- LIT 441,
442 World Poetry 3,3
- Reading and critical discussion of major works of world poetry in translation, from the classical through the Renaissance to the present. While primary emphasis is on the poetry of Western Europe, that of other areas may be considered.
- LIT 445,
446 World Drama 3,3
- Reading and critical discussion of world drama, from the classical to the present, with special emphasis on major periods, national developments, dramatic types and techniques.
- LIT 451,
452 World Fiction 3,3
- A study of the novella and novel from its origins to the present. Authors studied include major writers from Continental Europe, Africa, Asia and Latin America.
- LIT 459 Studies in Literature 1-3
- A course focusing on specific periods, themes, authors or literary types. Contents will vary according to the interests, needs and capabilities of the instructor and students.
- LIT 469 Studies in a Major Author 1-3
- Intensive study of the works of a major author in American, British or world literature.

Mass Communications

The Bachelor of Arts degree program in mass communications is designed to acquaint the student with the wide range of career opportunities in mass communications, provide basic understanding of the concepts and principles common to all aspects of mass communications and finally to provide specialized preparation in at least one field. This preparation is oriented toward preparing the individual primarily to work in either electronic (radio/TV) or print journalism. Thus, the curriculum in mass communications encompasses study which leads to degrees in journalism and in radio/television at other institutions, plus study of the broad field of mass communications.

Prior to enrolling at the University, students should have had some introductory course work in journalism, radio/television, or mass communications. Prior experience in one of these fields will also be useful; however, such experience is not a prerequisite to study.

The Bachelor of Arts degree program in mass communications prepares individuals for careers in newspaper reporting and editing magazines, radio and television reporting, production, and management, as well as public relations, advertising, and specialized communications professions.

The B.A. degree in mass communications requires 24 credits in the major field, 12 of which must be upper level, plus a minor in a supporting field of at least 18 credits of which six must be at the upper level. Majors in mass communications are encouraged to minor in subject matter fields that will better qualify them to work in the mass communications industry. Minors in government, management, and history are among the more commonly chosen fields, while individuals planning to become specialized writers may choose to minor in technical or scientific fields.

Students who wish to prepare for teaching in the public schools should complete requirements described in the section under Teacher Education. Students desiring to prepare for careers in advertising will want to include a substantial percentage of their preparation in the College of Management.

The following course sequences are required of all majors:

MCOM 303 Reporting
MCOM 313 Advanced Reporting

Print Majors

MCOM 307 Mass Communications Lab
MCOM 392 Internship

Recommended:

Print Majors

MCOM 318 Editing and Makeup
MCOM 471 Mass Media and Society
MCOM 405 Magazine Article Writing

Electronic Majors

MCOM 341 Radio/TV Announcing
MCOM 392 Internship

Electronic Majors

MCOM 342 Radio/TV Programming
MCOM 344 Television Production
MCOM 345 Television Direction

COURSES IN MASS COMMUNICATIONS

MCOM 303	Reporting	3
	History of the press, libel, journalistic ethics, copyediting, writing news and feature stories.	
MCOM 305	Communications Law	3
	Legal aspects of the rights and responsibilities of the press, radio and television; basic features of the law of libel, privilege, copyright, access to information; background of court reporting.	

- MCOM 306 History of Communications 3
 American journalism from its English and colonial origins to the present day. Development and influence of newspapers, magazines, radio, television and news gathering agencies.
- MCOM 307 Mass Communications Laboratory 1-3
 Students will work in print journalism laboratory-- editing, reporting, photojournalism, writing headlines and making up pages.
- MCOM 308 News Problems 3
 Trends and problems of the news media, emphasizing editorial decisions in the processing of the news. Prerequisite: eight credits in mass communications or approval of the instructor.
- MCOM 313 Advanced Reporting 3
 Students will cover all phases of journalistic writing--governmental agencies, schools, court-houses, public affairs, sports, community and school events, films, music, art, interviews with prominent personalities and speeches, as well as involvement in production of the University newspaper.
- MCOM 315 Public Affairs Reporting 3
 Writing the news concerning agencies that deal with local, state and federal government.
- MCOM 318 Editing and Makeup 3
 Copyreading and headline writing; principles of typography and make-up, with laboratory practice.
- MCOM 341 Radio/Television Announcing 3
 Techniques and practice of writing, editing and announcing press association and local news copy for radio and television news broadcasts, with laboratory practice in preparation of news programs.
- MCOM 342 Radio/Television Programming 3
 Radio and television programming patterns, regulations pertaining to broadcasting and responsibilities of broadcasters.
- MCOM 344 Television Production 3
 Planning, staging and presentation of television programs.
- MCOM 345 Television Direction 3
 Directing television programs.
 Prerequisite: MCOM 342.

MCOM 405 Magazine Article Writing 3

Student will write a magazine article and attempt to sell it to one of the thousands of markets available.

MCOM 471 Mass Media and Society 3

A study of the principles of behavior modification applied to the media--radio, television, newspapers, magazines, books, etc.

Music

Degree programs in music have been designed to meet a number of professional and academic needs. Each program is characterized by a core of music theory and literature competencies, following which courses are included to fulfill student goals and complete requirements for the Bachelor of Arts degree.

Students entering music study at UT Permian should have completed two years of courses in music theory and two years of applied music at the freshman and sophomore level. Class instruments and voice are not required except in the case of non-pianists completing piano proficiency courses. It is essential that students finish their English, history, government and science requirements before entering the University.

Liberal Arts Degree. The liberal arts program as an alternate route to the Bachelor of Arts degree in music provides the student with the opportunity to concentrate in music while pursuing a broad program of studies. Stress is placed on elective courses in the humanities and social sciences, and the exact direction the student takes in selecting courses outside music will depend on his specific interests.

The complete upper level degree program must include 12 semester hours of music courses drawn from MUS 305, 306, 307, and 319, six hours of independent study of interdisciplinary topics, e.g., "Music and Anthropology"; six hours of art and/or theatre, and six hours of advance history. Students are encouraged to complete their degree programs with credits broadly distributed in the areas of anthropology, sociology, psychology, language, literature, and creative writing, and in the applied sciences.

Since there is less concentration in music performance and theory in the liberal arts option of the B.A., students may find that they need additional course work in music for admission to graduate music programs.

Teacher Preparation. Within the B.A. in music degree, there are three options leading to state certification for public school teaching. These programs emphasize, respectively, (1) instrumental music teaching, (2) vocal music teaching, and (3) elementary school music.

Instrumental Music (all-level certification)-The degree option in instrumental music education is designed to develop competencies necessary for the successful teaching of instrumental music at all levels in the public schools. Students considering careers as band or orchestra directors should register in this curriculum. Required music courses: MUS 301, 303, 305, 306, 307, 401, and 420.

Vocal Music (all-level certification)-The emphasis in vocal music education is designed to prepare students for careers in all levels of choral conducting, junior high school general music and elementary school vocal music. Required music courses: MUS 301, 303, 305, 306, 308, 325, 402.

Elementary School Music (elementary certification)-Students desiring preparation as elementary school music specialists shall receive an elementary teaching certificate. The course of study leading to this degree option emphasizes teaching competencies for children in grades K through 8. Required music courses: MUS 303 (keyboard or voice), 306 and 325.

COURSES IN MUSIC

MUS 301	Beginning Conducting	2
	Designed for music majors with no previous conducting experience. Includes technique of down-beat, cueing, release through all meters and rhythmic patterns.	
MUS 302	Intermediate Conducting	2
	Problems of the conductor in solving interpretive techniques, ensemble preparation, and translation of choral and instrumental scores to performance. Prerequisite: MUS 301 or equivalent.	
MUS 303	Applied Music	2
	Junior-level individual studio instruction in music major's principle instrument or voice. One hour lesson per week and seven hours practice required. Two years previous college applied music study required for enrollment.	
MUS 305, 306	Historical Survey of Form in Music	3,3
	Survey of the development of styles and forms in the musical periods from 1300 through the Rococo, Classic, Romantic, Impressionistic, and early and middle Twentieth Century.	
MUS 307	Orchestration	2
	Scoring music for standard large orchestral instrumentations. Practice in score reading with frequent periods of listening to orchestral recordings augmenting the written work of the course.	

- MUS 308 Choral Arranging 2
Techniques of writing, arranging, and editing choral music for a variety of performance media, with special emphasis on public school choral performance problems.
- MUS 325 Music in the Elementary School 3
Creating a musical environment in the elementary school classroom. Problems of children singing, rhythmic concepts, listening, percussion and melodic instruments, notation and instructional materials critique. Practicum in elementary music teaching.
- MUS 321 Fundamentals of Music Theory 3
Designed to develop non-music majors in the mechanics of music notation, harmony, melody, and rhythmic structure of music. Particular emphasis on the relation of music to the self-contained elementary classroom.
- MUS 379 Ensemble 1
Laboratory experiences in performing choral and instrumental music.
- MUS 401 Instrumental Music in the Secondary School 3
Techniques of instrumental music instruction, organization of the public school music department, rehearsal techniques, and related problems.
- MUS 402 Choral Music in the Secondary School 3
Techniques and materials for teaching choral music in grades 7 through 12 with special emphasis on organization and administration of secondary music departments.
- MUS 420 Elementary Music Pedagogy 2
Techniques of teaching instruments by class with emphasis on the development of public school instrumental music programs. An investigation of pedagogical literature for families of instruments: woodwinds, strings, brasses, percussion, or voice.

Philosophy

The study of philosophy is concerned with man's values and his relationships with other individuals and within institutions as well as in the speculative domain. It is also concerned with such matters as ethics, political and legal philosophy, aesthetics, standards of excellence in various pursuits and institutions, metaphysics, philosophy of religion, history and science, and linguistics.

The University does not offer a major in philosophy, but does offer courses which students may find of interest as a part of their general education, or in the acquisition of a minor.

COURSES IN PHILOSOPHY

PHIL 311	Logic	3
	A study of the principles of reasoning, and the systematic application of human intelligence in problem-solving.	
PHIL 321	Ethics	3
	A review of the major traditions in ethics in the Western world from the Greeks through the present, and an examination of the problems of contemporary ethics with particular emphasis on the modern solutions to the is-ought problem.	
PHIL 331	Philosophy of Religion	3
	An examination of major world religions as components of belief systems which have affected human history and social development.	
PHIL 341	Existentialism	3
	An examination of the body of current ethereal thought, centering on the uniqueness and isolation of the individual in a hostile universe, mankind's freedom of choice and responsibility for the consequences of human acts.	
PHIL 351	Philosophy of Science	3
	A study of the philosophical basis for modern science, including an examination of the role, uses and limitations of the scientific method.	
PHIL 361	Theory of Knowledge	3
	Epistemology, including investigations into the origin, nature and development of explanations of knowing.	

Physical Education and Health

Currently, degree programs in physical education, but not health, are offered. The uniqueness of study in this area is the emphasis on human movement and performance. Study will focus on the analytical, psychological, physiological, and developmental factors in human movement and their application to instructional programs.

The Bachelor of Arts degree in physical education and health is designed to accommodate students with different degree objectives. The basic program includes development of competencies in physical education and health plus competencies in a secondary field of study. In addition, students may become certified to teach their primary and secondary fields of study in Texas public schools. The student, with the aid of a faculty adviser, will plan learning experiences to satisfy his degree and career objectives.

A major in physical education is appropriate for students interested in elementary and/or secondary school teaching, physical therapy, corrective therapy, athletic training, youth leadership to include YMCA or YWCA work, coaching, graduate study, and the study of medicine. The student interested in certification for teaching should apply at the beginning of the junior year to the Faculty of Pedagogical Studies for admission to the teacher education program. The major in physical education and health requires a minimum of 24 non-activity semester credits, with a minor field of study of 18 credits. For a student interested in teacher certification, the minor field of study must include 24 credits, and the minor selected should complement degree and career objectives.

It is recommended, but not required, that students complete the following courses in physical education and health or their equivalents before entering UT Permian:

1. Foundations of Physical Education
2. Personal and Community Health
3. First Aid

Prior to graduation from UT Permian, students must demonstrate competencies that correspond with their degree objectives. While these competencies will vary, certain ones are considered basic to a major in physical education.

COURSES IN PHYSICAL EDUCATION AND HEALTH

PEH 309	Skill Competency in Physical Education	1-3
	The student will demonstrate performance competency in selected combinations of the following sports: football, basketball, baseball, tennis, bowling, archery, track and field, gymnastics, handball, racketball, swimming, golf, soccer, rugby, volleyball, or another sport on special arrangement.	
PEH 310	Motor Development	3
	The student will analyze the patterns of motor growth and development of normal and handicapped children of infant, early childhood, and later childhood ages.	
PEH 320	The Learning and Teaching of Physical Skills	3
	The student will describe the variables influencing skill learning and motor performance, including physical perceptual, and cognitive processes, and will demonstrate their relevance to the development of effective instructional techniques.	
PEH 330	Physical Activity for Handicapping Conditions	3
	The student will describe physical performance factors of medical and educational handicapping	

conditions influencing the modification and selection of activities for individuals restricted from participation in regular physical education classes.

- PEH 340 Kinesiology 3
- The student will analyze and identify the component parts of physical movement to include forces, kinematics, kinetics, leverage, muscles causing specific movements, and will demonstrate an ability to visually analyze human performance.
- PEH 350 Physiology of Exercise 3
- The student will demonstrate an understanding of the physiological functioning of the human body during physical stress to include muscle strength and endurance, cardiorespiratory energy costs, environmental effects, conditioning programs, and ergogenic aids, demonstrating the use of laboratory equipment.
- PEH 359 Lifetime Sports 1
- The student demonstrates skill and knowledge of a lifetime sport. Sections include: bowling, golf, tennis, handgunning, outdoor education, skeet and trap shooting, swimming, handball and others.
- PEH 360 Coaching of Sports 3
- The student will describe principles and strategies of athletic coaching, including offense and defense play, skills and drills for sports, organization of practices and seasons, conditioning, skill learning, scouting and public relations.
- PEH 369 Sports Literature 1-3
- The student will demonstrate an understanding of literature pertaining to skills, drills, and coaching techniques of selected sports: football, basketball, baseball, volleyball, track and field, swimming, golf, gymnastics, tennis, soccer, rugby, and others.
- PEH 370 Athletic Training 3
- The student will demonstrate the prevention and treatment of athletic injuries to include their recognition, techniques of taping, therapeutic modalities, rehabilitation of injuries and management of an athletic training room.
- PEH 400 Measurement of Physical Performance and Achievement 3
- The student will demonstrate the basics of physical measurement and evaluation. Topics will include trends in the field, basic statistics for test interpretation, an overview of physical and psychological tests, and the grading of students.

- PEH 410 Curricular Innovations in Elementary
Physical Education 3
- The student will design movement experiences for elementary school children that demonstrate application of the latest trends in physical education program development and utilization of innovative instructional techniques.
- PEH 420 Behavioral Aspects of Sport 3
- The student will describe the basic components of sports psychology and sports sociology and the techniques of study in these areas and will demonstrate the application of psycho-social concepts in the analysis of sports-related situations.
- PEH 600 Tests and Measurements in Physical
Education 3
- The student will demonstrate the principles and techniques of physical measurement and evaluation. Topics include current research in the field, evaluation tests, testing instruments and apparatus, and construction of original testing instruments.
- PEH 620 Psycho-Social Analysis of Sport and
Physical Activity 3
- The student will describe informational areas permitting the social-psychological study of sports, to include selected theories of sports involvement, and will demonstrate their application to the analysis of sports.
- PEH 621 Analysis of Motor Skill Acquisition 3
- The student will demonstrate the concepts and research methodology associated with the study of human motor performance and selected learning theories, utilizing such knowledge in the analysis of both motor tasks and instructional processes.
- PEH 630 Curriculum Development in Movement for
the Handicapped 3
- The student will demonstrate an ability to construct individual and group physical education programs based on the specific and general motoric needs of handicapped persons.
- PEH 640 Cinematography in Physical Education 3
- The student will demonstrate qualitative analysis of sports movements and techniques, utilizing cinematography and strobe photography methods. Topics include data collection and analysis, use of high speed cameras, current research, and analysis of a selected sport skill.

The student will describe the analysis and synthesis of human movement in sports and the design of athletic equipment. Topics include the nature of forces, moments and couples, linear and angular kinematics and kinetics, friction, aerodynamics, ballistics, and sports techniques.

Pre-Law

Students desiring to complete pre-law preparation and receive a bachelor's degree may do so through one of several options. The most common is the B.A. program in government; however, degrees in several other fields also are appropriate. Those interested in entering a law school after completion of the bachelor's degree should consult with the assistant dean of the College of Arts and Education for referral to an appropriate adviser.

Psychology

Psychology is the science of the behavior of organisms, especially the human. The psychologist is concerned with the discovery and application of principles of behavior.

The program in psychology leading to the Bachelor of Arts degree is designed to prepare students with differing educational goals. The primary emphasis of the degree program in psychology is in the applied field. Another option is available for those who wish to pursue graduate education in psychology. However, the two options are not completely separate; a student pursuing one option may receive extensive preparation in the other.

Psychology constitutes an excellent major for students whose career goals involve working with people. Students who contemplate a career in teaching, personnel work, advertising, the medical and paramedical fields, crime prevention, counseling, child care, recreation, and urban planning may find psychology to be an appropriate major. The rapid growth of the need for psychological technicians in recent years provides many opportunities for the psychologist trained to the baccalaureate level.

A major in psychology requires a minimum of 24 semester credits and a minor of 18 credits. The minor should complement the major field of study. Sociology and anthropology are excellent minor fields for students in psychology, especially those interested in the applied psychology field. For the students planning graduate work in psychology, mathematics and the biological or physical sciences are also appropriate minor fields.

A course in "Introductory Psychology" is required for all students majoring in psychology. All students majoring in psychology will be required to complete a research project in their senior year which is designed to enable the student to create a problem, design the procedures to solve it, and conduct the research. The research project

in applied psychology should involve some community agency or resource such as the schools, the courts, an industrial or commercial enterprise, and the like. For those planning to attend graduate school, the research project may be conducted in one of several areas of psychology of interest to the student.

COURSES IN PSYCHOLOGY

PSYC 301	Descriptive Statistics	3
	Measures of central tendency, variability and correlations are described, with major emphasis on the applications of statistical methods and experimental design to psychological research.	
PSYC 305	Principles of Behavior Modification	3
	An examination of the principles and techniques involved in the development, maintenance and modification of behavior, emphasizing applications to human behavior.	
PSYC 311	Social Psychology	3
	An analysis of the interrelationships between the individual and his social environment, considering social influences upon motivation, perception and behavior and the development and change of attitudes and opinions.	
PSYC 315	Learning	3
	An examination of the major research results as related to the basic concepts involved in verbal, motor and perceptual learning of the human.	
PSYC 321	Abnormal Psychology	3
	An examination of the variables involved in the development, maintenance, and treatment of a variety of behavior disorders.	
PSYC 323	Personality	3
	A survey of the major theories of personality, discussed in the context of the related experimental research.	
PSYC 341	Developmental Psychology	3
	An exploration of the developmental aspects of physical, mental, social, and emotional growth from birth to adolescence.	
PSYC 371	Motivation	3
	A survey of the theories and experimental research concerning drives, needs and preferences.	

PSYC 390	Applied Research Project	3
	Personal and individual development of a research project in applied psychology, including the design and conduct of the research with a formal written report.	
PSYC 401	Inferential Statistics	3
	Advanced statistical methods as applied to the interpretation of psychological data.	
PSYC 411	Language and Cognitive Processes	3
	An introduction to the research and theories of language development and maintenance, including concept learning, problem solving, memory, and attention.	
PSYC 415	Theories of Learning	3
	An examination of the assumptions, constructs, and research evidence of the various theories of learning.	
PSYC 433	Personnel Psychology	3
	An examination of the techniques and methods for the selection and classification of personnel in commercial and industrial environments.	
PSYC 435	Industrial Psychology	3
	An examination of the variables that affect employee performance in the industrial and commercial environments.	
PSYC 441	The Exceptional Child	3
	An introduction to the research and theories of language development and maintenance, including concept learning, problem solving, memory, and attention.	
PSYC 451	Tests and Measurements	3
	The theory and techniques of psychological measurements, with major emphasis on the construction, administration, and interpretation of various psychological tests.	
PSYC 475	History and Systems of Psychology	3
	An analysis of the major factors affecting the development of psychology as the science of behavior, with an emphasis on the various systems of psychology.	
PSYC 621	Sources of Abnormal Behavior	3
	An analysis of the research on the major sources of variables involved in abnormal behavior.	

Sociology

Sociology is the study of man in society. It attempts to uncover the principles of social structure and the dynamics of cultural processes in communities, organizations, social movements and the smaller groups embedded within these larger structures.

The Bachelor of Arts major in sociology is designed primarily for the student pursuing a general liberal arts education. However, students concerned with more specialized occupational training can develop a major or minor in sociology consistent with their primary career goals.

Sociology is an acceptable major for students completing teacher certification programs in elementary and secondary education and for students interested in social work and counseling. Industry and government also employ professional sociologists. However, students interested in working for industry or government should consider advanced study beyond the Bachelor of Arts degree.

A major in sociology requires a minimum of 24 semester credits of which three credits may be taken in anthropology. A student may take any minor he chooses. For example, a student hoping eventually to work as a sociologist in industry or government might find business management a useful minor. A student interested in pursuing graduate training in sociology beyond the B.A. might find anthropology, psychology or mathematics useful minors.

Majors in sociology are required to take an introductory sociology course. Most will have done this at another institution. However, this requirement can be satisfied by enrolling in SOC 301, The Study of Society, at UT Permian. Students expecting to continue post-graduate study in sociology beyond the B.A. degree are advised to enroll in: SOC 325, Social Research and MNGT 301, Basic Quantitative Methods.

COURSES IN SOCIOLOGY

SOC 301	The Study of Society	3
	An examination of the major social structures and processes in modern societies. Aspects of society covered are: norms, roles, social order and disorder, status, power, adaptive processes, groups, organizations, and communities. This course, or its equivalent, is normally considered a prerequisite for other courses in sociology.	
SOC 311	Social Behavior	3
	This course focuses on interpersonal interactions. Topics covered are social influence, conformity, prejudice, attitude change, development of social motives, authoritarianism, community change.	
SOC 325	Social Research	3
	The course acquaints students with some of the major problems in conducting sociological research: conceptualization of the research question, development of a research design, collection of data, and data analysis. Prerequisite: At least two courses in sociology.	

- SOC 331 Criminology 3
- This course acquaints students with research on criminal behavior patterns, the behavior of police and courts in handling the criminal offender and methods of social control in the confinement and treatment of criminals.
- SOC 375 Social Stratification 3
- Acquaints the student with the differentiated structures of power and social class in industrial societies: the differences in income, prestige and political authority; the dynamics of social mobility and major historical changes in different types of stratification systems.
- SOC 380 Urban Studies 3
- The social and ecological organization of cities is the main focus of this course. Emphasis is placed on the American city: its patterns of immigrant settlement, the clash between traditional and modern value systems, the position of ethnic and racial groups, and the impact of urbanism on the human personality.
- SOC 386 Formal Organization 3
- The course introduces students to the scientific study of bureaucratic organization. Covers the theories of Max Weber and Robert Michels as well as contemporary empirical studies on organizations: prisons, governmental bodies, unions and hospitals. Prerequisite: SOC 311 strongly recommended.
- SOC 417 Industrial Sociology 3
- Research and theory on the social organization of work in industrial society. The primary emphasis is on business and manufacturing concerns in the United States. Industrial conflict, the impact of technology on work, and the morale and productivity of workers are discussed. Prerequisite: recommended.
- SOC 427 Sociological Theory 3
- Provides an introduction to both classical and contemporary theorists: Marx, Weber, Durkheim, Pareto, Homans and Parsons among others. Substantive theories of social organization are emphasized along with the logic of theory construction and verification. Prerequisite: At least two courses in sociology.
- SOC 428 Small Groups 3
- A treatment of the major theories and findings on small groups. Status structures, role differentiation, power processes, cohesion, normative conformity, group problem solving, and effective leadership will be covered. Prerequisite: SOC 311 or equivalent psychology course.

The emergence of ethnic and racial minorities; comparative ethnic relations; racism and ethnocentrism; possible future arrangements for relations between minorities and the dominant society.

Spanish

In a state with the Hispanic heritage of Texas plus its proximity to Mexico the study of Spanish is especially appropriate for many students. A large number of Spanish speaking citizens in the Southwest provide a living language laboratory for students who desire to acquire a fluent knowledge of the language and culture.

The Bachelor of Arts degree program in Spanish assumes that students will have had the equivalent of two years of course work at the freshman and sophomore levels during which they have mastered the rudiments of speaking, reading, writing, and listening to the Spanish language. Spanish is an appropriate major for the student who desires a liberal arts education and has special interest in the language, literature, and culture of Spanish speaking peoples. The program is also designed to prepare teachers of Spanish for the elementary and secondary schools. Individuals receiving degrees in Spanish may have opportunity to function in a bilingual-bicultural setting and to enter into a number of fields where a knowledge of the Spanish language and literature is useful.

The degree program in Spanish is oriented toward the study of Spanish language and literature but also is designed to acquaint the student with Hispanic and Latin American cultures. At least a portion of the courses offered are conducted in the Spanish language.

COURSES IN SPANISH

SPAN 315	Advanced Composition	3
	The essentials of Spanish grammar as applied in written expression.	
SPAN 321	Hispanic Civilization	3
	The major currents and characteristics of Spanish culture as expressed through the centuries in literature, art, philosophy and history. Course conducted in Spanish.	
SPAN 326	Civilization of Spanish America	3
	The major currents and characteristics of Spanish-American culture as expressed through the centuries in literature, art, philosophy and history. Course conducted in Spanish.	

- SPAN 350 Introduction to Spanish Literature 3
The reading and discussion of selected works. The rudiments of literary criticism. Course conducted in Spanish.
- SPAN 353 Spanish Literature to 1700 3
A survey of the important movements, authors and works in Spanish literature from the Middle Ages to the eighteenth century. Course conducted in Spanish.
- SPAN 354 Spanish Literature Since 1700 3
A survey of the important movements, authors and works in Spanish literature from the eighteenth century to the present. Course conducted in Spanish.
- SPAN 361 Practical Phonetics 3
A study of the sounds of Spanish and of the Spanish phonemic system with special attention to the problems involved in the teaching of Spanish pronunciation to English-speaking students.
- SPAN 432 Applied Linguistics 3
The application of selected aspects of Spanish phonology, morphology and syntax to problems of teaching Spanish.
- SPAN 453 20th Century Spanish Literature 3
Reading and discussion of the principal works which reflect the social and aesthetic preoccupations of the Mexican writer since the Revolution.

Speech

The Bachelor of Arts degree in speech is designed to prepare individuals for teaching speech, but also to prepare students who have interest in other areas including rhetoric and public address.

At The University of Texas of the Permian Basin, the programs in speech and mass communications are associated in the Faculty of Communication, indicating that a close relationship is seen between the study of speech and mass communications. Some students will find it desirable to minor in mass communications, although this is not necessary. Other students will choose to minor in literature, Spanish, music, art, and other fields.

In addition to courses in speech, certain courses in pedagogical studies and mass communications are appropriate components of a speech major. Students preparing to teach should consult the section on teacher education for courses in pedagogical studies required for teacher certification.

- SPCH 310 Participation in Speech Activities 1
- Involvement-oriented training is provided in the theory and practice of communication activities—such as debate, oral interpretation, persuasive speaking, etc. on the community, intramural and intercollegiate levels.
- SPCH 315 Parliamentary Procedure and Group Leadership 3
- Training is provided in group management skills by which self-governing bodies transact business. Emphasis is placed on both formal parliamentary mechanisms and general problem-solving techniques.
- SPCH 330 Concepts in Speech Communication 3
- Beginning with a survey of communication concepts, the students will apply theory to the construction and analysis of persuasive messages.
- SPCH 346 Oral Interpretation 3
- Beginning with instruction in the oral re-creation of literature and its analysis, students are introduced to the principles and practice of group performance in reader's theatre.
- SPCH 351 Speech Analysis and Criticism 3
- Students will explore principles and standards for the analysis and criticism of communication. Students will apply critical concepts to selected oral and written messages.
- SPCH 418 Dynamics of Small Group Communication 3
- Factors are studied which contribute to communication in the group setting. Students will observe group interaction and will engage in problem solving on a group basis.
- SPCH 453 Selected Theories of Communication 3
- This course surveys significant theories and models of the human communication process. Students will help formulate and test communication hypotheses.
- SPCH 456 Theory of Argument and Persuasion 3
- The instruction treats strategies and principles of argumentation as they apply to influence human attitudes and behavior.

Teacher Education

Teacher education programs leading to certification by the Texas Education Agency are offered in the following fields:

- (1) Early childhood education (for teaching kindergarten and nursery school)
- (2) Elementary education
- (3) Secondary education
- (4) Special education
 - a. Mentally retarded
 - b. Language/learning disabilities
 - c. Physically handicapped
 - d. Emotionally disturbed

The teacher education program includes preparation for teaching the following subjects:

Elementary (grades K-8)-anthropology, art, biology, chemistry, economics, English, earth science, government, health and physical education, history, mathematics, vocal music, physics, psychology, sociology, Spanish and speech.

Secondary (grades 7-12)-art, biology, chemistry, drama, earth science, English, economics, government, health and physical education, history, journalism, mathematics, music (vocal, instrumental), physics, psychology, sociology, Spanish and speech.

All level (grades 1-12)-art, music, and physical education and health.

Students enrolled in teacher education will receive the bachelor's degree in one of the arts and sciences fields, while at the same time completing all of the requirements of the Texas Education Agency for certification to teach.

See the section on Graduate Study for the master's degree program in education and for certification programs in reading and educational administration.

A UT Permian student will be as fully prepared for teaching as students who take a bachelor's degree in education at other universities, but his degree will be awarded in a field of teaching interest with a minor in a second field, plus completion of teacher education. Thus, one preparing to teach mathematics in high school would receive the B.S. degree in mathematics with a minor, perhaps in physics, plus completion of all teacher education courses and requirements. This can be done within the minimum of 120 semester credits required for a bachelor's degree.

During the first semester, all students who wish to prepare for teaching make application for admission to teacher education by submitting an application to the secretary of the Teacher Education Council. Those preparing for teaching

at the elementary and/or kindergarten levels take courses in pedagogical studies* (education) during both their junior and senior years, since 30 semester credits of such study are required for certification to teach at the elementary level, plus another six credits to teach kindergarten. Students preparing to teach at the secondary level take 18 credits in pedagogical studies (education), almost all of which will be taken during the senior year. In all teacher education programs, one full semester during the senior year will be "blocked" for teacher education; this includes some course work plus one-half semester of fulltime student teaching in a public school.

The University of Texas of the Permian Basin is the first institution in the State preparing teachers according to the new Performance Based Teacher Education Plan. This approach is designed to assure that when students finish a teacher education program they are fully qualified to perform as teachers in the classroom. It means not only that they have passed their courses but also that they have demonstrated that they know the subject matter they will teach and that they have the competence to perform effectively in all teaching situations for which they have been trained.

Certification Study. Individuals who hold a bachelor's degree and desire to become certified to teach may enroll in the teacher education program as non-degree special students, and limit their study only to courses required for certification.

*The term "Pedagogical Studies" is derived from "pedagogy," the art and science of teaching and learning, and at UT Permian refers to the courses dealing with professional teacher education.

COURSES IN PEDAGOGICAL STUDIES

PED 311	Human Growth and Development: Child	3
	The first course in the teacher education sequence. Emphasis is placed upon understanding the psychology of human adjustment and the behavior patterns of children and youth.	
PED 312	Human Growth and Development: Adolescent	3
	Characteristics, needs, and problems of adolescence. Special emphasis on principles and development important to teachers.	
PED 321	Teaching Strategies for the Elementary School	3
	Individual study of learning principles and their application in schools; selecting and justifying objectives and defining them operationally; designing plans, adapting to actual pupils in the schools, selecting strategies and materials to implement plans.	

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| PED 428 | New Strategies in Secondary Social Studies Programs | 3 |
| | This course is designed to involve secondary education students in the latest social studies curriculum programs in order to determine how these innovative programs may affect and improve traditionally taught courses. | |
| PED 430 | New Strategies in Elementary Science Instruction | 3 |
| | Course will consist of self-paced sequence activities that will enable the student to design, teach, and refine sequences of instruction for children in elementary science including use of materials from new elementary science programs. | |
| PED 431 | Designing Secondary Science Programs | 3 |
| | A self-paced course in organizing and sequencing lessons and units in junior high and senior high science courses. Major emphasis will be placed on design of science instruction. Students will videotape and evaluate their own teaching. | |
| PED 433 | Theories of Learning | 3 |
| | Emphasis upon the major theories of learning, empirical evidence underlying them, and their relevance to education. | |
| PED 451 | Education of Exceptional Children | 3 |
| | Identification of the various types of exceptional children and their educational problems. Curriculum development and adaptation of selected methods and materials basic to teaching these exceptional children. | |
| PED 452 | Theory and Method of Language/Learning Disabilities | 3 |
| | A course providing a broad overview of the theories and methodologies used in the teaching and evaluating of students with language learning disabilities.
Prerequisite: PED 451 or consent of instructor | |
| PED 455 | Education of Exceptional Children in the Regular Classroom | 3 |
| | Identification and etiology of most prevalent handicaps found in classes; curriculum development adaptation; selected methods and materials basic to teaching these handicapped children. | |

- PED 456 Theory and Methods in Education of the Mentally Retarded 3
 An in-depth study of the theory and methods and basic curriculum for the educable mentally retarded in primary and intermediate levels. Selection of curriculum content, specific materials and methods of instruction.
- PED 457 Observation/Participation in Special Education 1-3
 Directed experiences in observation and participation in special education classrooms.
- PED 458 Materials and Methods for the Exceptional Child 3
 This course is designed to develop an awareness of the instructional materials and the selection, analysis and use of materials for individualized instruction of the exceptional child.
- PED 470 Introduction to Guidance Services 3
 The course is designed to give the student a general overview of the total guidance service in the public schools. Emphasis on scope, purposes, assumptions, tools and procedures of all aspects of the guidance service.
- PED 481 Educational Measurement for the Classroom Teacher 3
 Introduction to the principles of individual differences, evaluation and measurement; test construction and cultural problems in testing.
- PED 492 Culture and Learning 3
 The study of the interrelationship of culture and learning. The major emphasis is upon environmental influences on socialization, cognition, and achievement.
- PED 607 Supervision of Instruction 3
 The application to instructional supervision at the elementary and secondary school levels of role theory, organizational theory, personality theory, research in processes of change, and human relations in leadership.
- PED 608 Supervision of Student Teaching 1-3
 Supervision of student teachers at secondary or elementary school levels. Critical examination of techniques and procedures for supervising the effectiveness of instruction, activities and programs.

- PED 609 Supervision of Special Education 1-3
 A study of the administrative and supervisory procedures of special education programs for exceptional children.
- PED 610 Environmental Factors in Early Childhood Education 3
 Theory and issues in the literature of early childhood that relate to environmental factors influencing cognition, socialization and achievement.
- PED 611 Early Childhood Education: Curriculum, Procedure and Materials 3
 Development of curricula, materials and methods for pre-school and kindergarten programs systematically derived from diverse theoretical and philosophical positions.
- PED 612 Cognitive Education of the Young Child 3
 A study of the various education programs for young children which focus on enhancing cognitive growth, including those of Montessori and Piaget.
- PED 613 Early Childhood Education: Theory and Research 3
 An intensive review of the major theories and research emphases in early childhood education and psychology from an historical and evolving orientation.
- PED 614 Cognitive Development in Young Children 3
 An intensive investigation of the literature regarding the development of perceptual and conceptual skills; verbal meditation and other cognitive functions.
- PED 617 Organization of Reading Programs 3
 An examination of various alternatives for organizing, administering and evaluating a reading program in a school district (grades K-12) and in an individual school.
 Prerequisites: one undergraduate reading course or consent of the instructor.
- PED 618 Advanced Developmental Reading 3
 A study of cognitive processes and psycholinguistic models of reading as well as issues in the teaching of reading; not a methods course.
 Prerequisite: one graduate reading course or permission of instructor.

- PED 619 Materials, Methods and Media in Reading 3
- A survey of a wide range of programs and other reading materials as well as the comparison of methods used in the teaching of reading.
Prerequisite: one undergraduate reading course or consent of instructor.
- PED 620 Diagnosis and Remediation of Reading Difficulties 3
- A study of testing strategies needed to evaluate and diagnose students with reading difficulties.
Prerequisite: one undergraduate reading course or consent of the instructor.
- PED 621 Curriculum Foundations of the Elementary School 3
- Examines the foundations of curriculum of the elementary school. Review of aims, methods and approaches to curriculum, instruction, programs, and evaluation.
- PED 622 Education of the Disadvantaged Child 3
- Examines the complex nature of the disadvantaged child from an educational, political, and psycho-social point of view. Explores techniques and activities for classroom use.
- PED 626 Analysis and Selection of Literature 3
- This course is designed to extend the students' knowledge and understanding of the place of literature in the reading program. Emphasis is upon recent research in literature and related trends in curriculum.
- PED 634 Curriculum Foundations of the Secondary School 3
- Examines the foundations of curriculum of the secondary school. Review of aims, methods and approaches to curriculum, instruction, programs and evaluations.
- PED 635 Practicum: Counseling 1-3
- Supervised practice in individual counseling.
- PED 636 Practicum: Mentally Retarded 1-3
- A field-based course providing a wide range of experiences which require the application of diagnostic and teaching strategies to mentally retarded students.
Prerequisite: consent of instructor.

- PED 652 Assessment of Language/Learning Disabilities 3
- Development of the knowledge, skills and variety of testing strategies needed to evaluate and diagnose students with language/learning disabilities.
Prerequisite: PED 451 and 452 or consent of instructor.
- PED 656 Advanced Problems in Education of the Mentally Retarded 3
- An in-depth study of the psychological, sociological and educational problems of the mentally retarded.
- PED 657 Etiology of the Mentally Retarded 3
- The mentally retarded child and his problems. Study of the diagnosis, social, psychological and educational problems manifested by the mentally retarded child.
- PED 658 Educational Planning for Children with Language/Learning Disabilities 3
- An exploration of organizational alternatives and methodologies employed by a school district, individual school or resource room teacher.
Prerequisite: permission of the instructor.
- PED 670 Introduction to Counseling: Theory and Practice 3
- Designed to give the students an understanding of counseling theories and a moderate degree of competence in applying counseling techniques.
- PED 671 Group Techniques for Counselors 3
- Dynamics and theory of group processes as applied to group procedures in counseling and psychotherapy.
- PED 672 Vocational Counseling: Theory, Information and Career Development 3
- Theories of educational-vocational development; psychological and sociological aspects of work; nature and use of occupational and educational information; job analysis, placement techniques, and follow-up procedures relating to employment and adjustment to work.
- PED 673 Guidance Testing 3
- Theory and issues in group testing; analysis and interpretation of achievement, aptitude, interest and personality tests; synthesis of comprehensive case data and report writing in educational, vocational, and general counseling.
Prerequisite: introductory statistics.

- PED 680 Research Design in Education and the Social Sciences 3
- Research planning, evaluation of research, sampling, surveys, measurement, research tools, experimental and quasi-experimental designs, historical studies, data analysis and reporting research.
- PED 681 Statistics 3
- Introduction to descriptive and inferential statistics as applied to education.
- PED 690 Philosophy of education 3
- The student is encouraged to examine critically his own ideas about education in terms of basic distinctions concerning the nature of knowledge, value, man, and democracy.
- PED 693 Seminar in Educational Concepts and Issues: Education, Culture and Learning 3
- Designed for mid-management administrators and superintendents. Emphasis upon environmental influences on socialization, cognition, and achievement and their relationship to curriculum design and organizational patterns.
- PED 694 Seminar in Educational Concepts and Issues: Innovations in Social Studies 3
- This course is designed to involve students in inquiry strategies and materials with a primary goal of developing each student's skill in the adoption, modification and production of unique methods and materials for the classroom.
- PED 695 Seminar in Educational Concepts and Issues: Early Childhood Education 3
- A graduate interaction group which is designed to assist the student in developing skills in discussion, critique, and development of research questions of interest to the student.
- PED 696 Seminar in Educational Concepts and Issues: Historical and Philosophical 3
- Examination of selected issues of current significance as these issues relate to fundamental concepts such as humanism, relevance, freedom, authority, value, pluralism, and equality.

Theatre

The Bachelor of Arts degree in theatre is designed to prepare individuals who wish to pursue careers in acting, directing, or teaching. Students who desire careers on the stage are able to concentrate on acting. The program also offers preparation for a position as manager-director of a community theatre. Many students choose additional preparation to teach theatre in secondary schools. Finally, the study of theatre is a wise choice for many students who desire a liberal arts education and who feel that it can best be gained within the framework of the degree program in theatre.

The theatre program at The University of Texas of the Permian Basin also connotes professional preparation within the environment of a university community. Not only is there an emphasis on the study and mastery of theatre practice but also there is the opportunity to collaborate with a producing art theatre, largely through associations with professional guest artists. In addition, such an innovative program provides students with alternatives for solving specific and practical problems of past, present, and future drama production.

A major in theatre requires 24 semester hours; however, those individuals preparing for careers in acting/or directing usually complete considerably more than the minimum credits required. In addition, a minor of at least 18 semester hours is required; those individuals preparing to teach theatre in the secondary schools usually find it desirable to complete a minor in speech. They should consult the section on Teacher Education to learn the courses in pedagogical studies required for certification.

Students enrolling to study theatre should have had some prior coursework or experience in speech and/or theatre, although it will be possible for students to major in theatre without having had such experience. In addition to courses in theatre, selected courses in creative writing, music, art, and mass communications are appropriate for the theatre major.

COURSES IN THEATRE

THEA 311	History of the Theatre	3
	Development of theatre art from the earliest times through the Nineteenth Century.	
THEA 317	Acting and Directing	3
	An introduction for the beginning actor to the problems of building a character through the study of intellectual, emotional, and physical techniques. Scene work required. The beginning director is introduced to the principles and procedures of direction from selection of the play through its performance.	
THEA 352	Fundamentals of Stagecraft	3
	An introduction to the vocabulary and procedures of theatrical production.	

THEA 357	Acting	3
	A study of acting styles and techniques from early Greek through modern times.	
THEA 358	Advanced Directing	3
	A study of performance principles and the use of the stage in dramatic action, from the director's initial concept through his work in rehearsals. Includes production, organization, and dramatic analysis.	
THEA 361	Shakespearean Production	3
	Offered in conjunction with the Summer Shakespeare Festival of the Globe of the Great Southwest, this course introduces students to all phases of Shakespearean production in one of the most authentic settings extant throughout the world.	
THEA 405	American Drama	3
	Same as LIT 405.	
THEA 425, 426	British Drama	3,3
	Same as LIT 425, 426.	
THEA 445, 446	World Drama	3,3
	Same as LIT 445, 446.	
THEA 451	Makeup and Costume	3
	Techniques of stage makeup and major historical periods of dress.	
THEA 452	Lighting and Set Construction	3
	Fundamentals of lighting and the techniques of building scenery for the stage.	
THEA 479	Performance Workshop	3
	All phases of play production activities (acting, stage managing, scenery, properties, lighting, costumes, publicity, and box office) are learned by actually producing plays. Field trips to observe other performing groups are included.	

COLLEGE OF MANAGEMENT

The goals of the College of Management are to help in preparing students to assume leadership responsibility and decision-making roles in business, government, and other administrative environments. Because the demands on modern business and government are in constant change, it is important that students possess a flexibility which comes from a broad education.

An integrated approach to the functions of management is emphasized since the operation of an enterprise, private or public, cannot be easily segmented and compartmentalized. At the same time, however, strong efforts are made to prepare students to sit for certifying examinations in the areas of accounting, transportation, and other fields of their choice and to enter a wide range of specialized fields in business and government.

Organizationally, the College of Management offers six undergraduate programs of study. Two curricula lead to the degree of Bachelor of Business Administration: (1) a major in management with emphases in decision sciences, finance, logistics/physical distribution, personnel or production management and marketing, plus an option in aviation management and (2) a major in accountancy and information systems. Curricula leading to the Bachelor of Arts degree include: (1) economics, (2) law enforcement with an option in law enforcement management. The minimum number of semester hours required for each undergraduate degree is 123. At the graduate level, a Master of Business Administration degree program is offered.

Lower Division Preparation

Students planning to major in accountancy and information systems, aviation management, business management, or law enforcement management should complete Major Field II requirements set forth in the Core Curricula for Junior Colleges by the Coordinating Board, Texas College and University System. If a student has not followed this exact list of preparatory courses, he may be admitted, provided he meets other requirements for admission.

In this regard, lower division preparatory plans of study for the accountancy and information systems, finance, aviation management, and business management (with emphases in decision sciences, management, marketing or logistics) should include:

Required courses (courses to be completed in the lower division):

College Algebra	1 course
Accounting	2 courses
Economics	2 courses
Introduction to Computers	1 course
English Composition	2 courses
Government, Federal and State	2 courses

In addition, for these students there are other required

courses which may be taken at either the lower level or at UT Permian. These include:

U.S. History	2 courses
Literature	2 courses
Laboratory sciences	2 courses
Psychology	1 course
Sociology	1 course
Other arts and sciences	4 courses

Students majoring in these fields are urged to select such electives as calculus, logic and speech to complete the 60 credits to transfer to UT Permian.

For the aviation management program, preparatory plans of study encompass all of the above requirements and suggestions and, in addition, these students are encouraged to complete such electives as civil engineering, strength of materials, meteorology and matrix algebra.

For the law enforcement and law enforcement management preparatory plans of study, the following courses are required and should be completed at the lower level:

English Composition	2 courses
Government, Federal and State	2 courses
Laboratory science or Foreign Language	2 courses 4 courses
U.S. History	2 courses
Other Humanities and Social Sciences	4 courses

In addition, for students in the law enforcement and law enforcement management curricula, other required courses which may be taken at either the lower level or at UT Permian are:

Algebra	1 course
Accounting	2 courses
Economics	2 courses
Psychology	1 course
Sociology	1 course
Literature	2 courses

In addition, the following courses are recommended as electives:

Speech	1 course
Logic	1 course
Calculus	1 course

Students who have not had previous police academy training or actual police experience are encouraged to complete the following courses at the lower level before transferring to the University:

Introduction to Law Enforcement
Police Organization and Administration
Police Role in Crime and Delinquency
Criminal Investigation
Legal Aspects of Law Enforcement
Criminal Procedures and Evidence
Police-community Relations

Accountancy and Information Systems

The major in accountancy and information systems combines the well-established field of accounting with the newer but rapidly expanding area of information systems. The program is intended to prepare students for professional careers in public, managerial, governmental, or social accounting.

Accounting is a discipline that provides quantitative and qualitative information essential to the decision-making process utilized by any type of organization. Information systems courses deal with the techniques of processing, analyzing, and utilizing business or other data for decision making, with emphasis on effective application of computers.

The requirements to sit for the CPA examination in Texas include a minimum of 20 semester hours in accounting plus nine hours in related business subjects.

The third and fourth year degree requirements consist essentially of three parts:

- I. Free Electives 6 hours
- II. Basic Management Core 39 hours
The basic core is to provide students with the common body of knowledge in management. Student programs will include courses of instruction dealing with the following areas:
 - (a) concepts, processes, and institutions in marketing and distribution, production, and financing functions of business enterprise;
 - (b) economic and legal environment of business enterprises along with consideration of the social and political influences on business;
 - (c) concepts and methods of accounting; quantitative methods, and information systems;
 - (d) organization theory, interpersonal relationships, control and motivation systems, and communications;
 - (e) administrative processes under conditions of uncertainty including integrating analysis and policy determination at the overall management level.
- III. Accountancy and Information Systems 18 hours
Opportunities for advanced work in accountancy and information systems will be provided consistent with the student's and the College of Management's objectives and capabilities.

COURSES IN ACCOUNTING

- ACCT 300 Managerial Accounting 3
- Role of accounting in the planning and control of business enterprises, with emphasis on management decision-making uses of accounting information.
Prerequisite: Demonstrate knowledge of accounting principles
- ACCT 301 Intermediate Accounting I 3
- Intensive analysis of problems and theory of financial statements of condition and net income, and other published financial statements of business organizations.
Prerequisite: Demonstrate knowledge of accounting principles
- ACCT 302 Intermediate Accounting II 3
- Continuation of Accounting 301. Treats fundamental theory and problem solving related to publication of financial statements. Includes liabilities, paid-in capital, changes in financial position, and financial statements.
Prerequisite: ACCT 301
- ACCT 303 Cost Accounting Principles 3
- Cost analysis of the manufacturing, marketing, and administrative functions of business organizations primarily for purposes of control and decision-making.
Prerequisite: ACCT 300
- ACCT 333 Information Storage and Retrieval 3
- Brief EDP review. Detailed construction of general data cases for accounting and management information system design. Machine logic and its effect on file and record construction.
Prerequisite: ACCT 300, FIN 320, DSCI 301
- ACCT 334 Advanced Accounting 3
- A comprehensive study of the principles and procedures applicable to accounting for partnerships and consolidations plus other topics.
Prerequisite: ACCT 302
- ACCT 405 Federal Income Taxation 3
- Provisions and procedures of federal income tax laws and requirements affecting individuals and business organizations, including the management problems of tax planning and compliance.
Prerequisite: Demonstrate knowledge of accounting principles

ACCT 406	Auditing Theory and Practice	3
	Generally accepted auditing standards and the philosophy supporting them; auditing and techniques available to the independent public accountant. Prerequisite: ACCT 302	
ACCT 411	Management Information Systems	3
	Using elements of the accounting system to provide information to various levels of management for planning, control and decision-making. Prerequisite: ACCT 300, FIN 320, MRKT 310, DSCI 301, MNGT 340, Basic EDP or ACCT 333	
ACCT 412	Systems Analysis and Design	3
	Generalized analytic approach to systems design using mathematical models and concepts. Study inputs, processes, outputs and control loops for several real-life systems. Prerequisite: ACCT 411, 333	
ACCT 415	Advanced Income Tax	3
	Study of Federal Income Tax laws, rules and regulations relating to partnerships, corporations, estates and trusts. Prerequisite: ACCT 405	
ACCT 600	Accounting Concepts	2
	Presents the basic concepts and principles in the recording, classifying and summarizing the financial transactions of a business.	
ACCT 601	Profit Planning and Control	3
	Integrates functional and operational aspects of organizations primarily through the master budget concept. Prerequisite: Demonstrate knowledge of managerial and cost accounting	
ACCT 602	Accounting Theory	3
	Nature and origin of accounting theory and the development of postulates, principles and practices. Prerequisite: ACCT 302	
ACCT 603	Contemporary Financial Accounting Issues	3
	The study of contemporary issues affecting all facets of accounting, including financial, governmental, social, public and behavioral accounting areas.	
ACCT 604	Tax Planning	3
	Study of the methodology used in tax research and in tax planning using the adversary approach.	

ACCT 605 Audit Problems 3

Development of auditing as a profession, including the evaluation of standards and auditing principles and practices.
Prerequisite: ACCT 406

ACCT 610 Computer Applications in Decision Making 3

Use of computer library programs and minor programming to provide information for making optimal executive-level decisions. Statistical, mathematical and computer competence required.
Prerequisite: Permission of the instructor.

ACCT 611 Decision Science Models for Accounting and Finance 3

Programming and statistical methods in financial and managerial accounting, including auditing and internal control.
Prerequisite: Permission of the instructor.

COURSES IN BUSINESS LAW*

BLAW 320 Legal Environment of Business 3

Origin and history of law, its place in and effect upon society; includes court systems and legal procedures and use affecting businessmen and consumer in everyday transactions.

BLAW 321 Legal Aspects of the Management Process 3

Law as it affects management decisions regarding creating, regulation and control of business structures. Includes law of agency, principles of personal and real property law (will, intestacy, and estates).
Prerequisite: BLAW 320

BLAW 322 Oil and Gas Law 3

Covers topics specifically related to legal problems in the natural resource areas of oil and gas exploration, development and marketing.

BLAW 600 Business Law 2

Graduate survey course of general business law, including contracts, sales, commercial paper, secured transactions, agency, corporations, partnerships.

*No concentration or major is available in business law.

Finance

An emphasis in finance provides the student with the broad background offered by completing the B.B.A. in Accountancy and Information Systems core courses with an optional finance sequence.

The student's studies provide: (1) a knowledge of the financial structure of the U.S. economy; (2) an understanding of the principles of monetary theory and practice; (3) an understanding of the investment management principles used in operating the major financial institutions and pension funds; and (4) an understanding of the principles underlying the finance function in industrial and commercial firms.

The knowledge acquired from the finance curriculum prepares the student for career opportunities in financial management and investments, in manufacturing, wholesale and retail firms, commercial banking, investment banking, real estate firms, insurance companies, and other enterprises. In addition, this knowledge will be of substantial assistance in the management of his personal investments and other financial affairs.

The third and fourth year degree requirements for the finance emphasis consist essentially of three parts.

Parts I and II are the same as listed for the Accountancy and Information Systems Programs. Part III includes: Accounting, three courses; Finance, three courses, beyond those courses listed in I and II.

COURSES IN FINANCE

FIN 300	Personal Finance	3
	Applications of financial management principles to individual and family fiscal objectives to include: income, spending, saving, investing, insuring, estate planning, and retirement benefits. (Not available for credit to B.B.A. students)	
FIN 320	Financial Management Principles	3
	Forms of business organization; corporate securities, financing through securities; sources and management of working capital; administration of income; expansion and combination; reorganization, receivership, and dissolution.	
FIN 321	Investment Management	3
	Securities analysis, portfolio management, and capital budgeting decisions using both qualitative judgement and quantitative economic measures.	
FIN 322	Commercial Banking	3
	How banks, the Federal Reserve and U.S. Treasury interact to determine money supplies. Case studies of recent and current attempts to control inflation and employment.	

FIN 324	Financial Institutions	3
	Study of the flow of funds in the aggregate financial system, the structure of financial markets and the interaction of aggregate financial factors and the policies and operations of financial institutions.	
FIN 423	Macroeconomics: Financial Forecasting	3
	Same as ECON 423	
FIN 600	Concepts of Business Finance	2
	Presents the managerial use and application of the concepts and principles of the finance function of a business.	
FIN 611	Decision Science Models for Accounting and Finance	3
	Same as ACCT 611	
FIN 620	Financial Management: Theory & Techniques	3
	Investment, financing and dividend decisions of firms seeking to maximize shareholder wealth. Analytical techniques, economic and behavioral theories and financial environment are emphasized. Prerequisite: Permission of the instructor.	
FIN 621	Business Financial Policy	3
	Intensive study of theory problems of business finance from a decision making, internal, problem-solving point of view.	
FIN 622	Investment Policy and Environment	3
	Fixed-capital investment decisions under risk. Management of packages of risky assets. Yield and liquidity cash management.	

Aviation Management

The aviation management major is offered as a special concentration within the B.B.A. degree program. This major is intended to provide professional training and education to students interested in careers in airport management, airline management, aviation sales, or other areas in the aviation industry involving application of principles of management, marketing, finance, and accounting.

In general, the program considers the physical, social, political, and economic environment of aviation management. It includes considerations of society and environment in terms of those needs, wants and values of man which can be satisfied by rapid, safe, and comfortable transportation of people and by the fast movement of freight.

All students are required to complete at least 10 hours of flight instruction either before entry into the program or prior to graduation.

Lower division requirements are the same as those set forth in Major Field II of the Core Curricula for Junior Colleges by the Coordinating Board, Texas College and University System. Exceptions have been spelled out in the introductory section for College of Management programs. Third and fourth year degree requirements consist essentially of four parts:

I.	Free Electives	12 hours
II.	Basic Management Core	39 hours

The basic core is to provide students with the common body of knowledge in management. Student programs will include courses of instruction dealing with the following areas:

- (a) concepts, processes, and institutions in marketing and distribution, production, and financing functions of business enterprise;
- (b) economic and legal environment of business enterprise along with consideration of the social and political influences on business;
- (c) concepts and methods of accounting, quantitative methods, and information systems;
- (d) organization theory, interpersonal relationships, control and motivation systems, and communications;
- (e) administrative processes under conditions of uncertainty including integrating analysis and policy determination at the overall management level.

III.	Aviation Management Core	12 hours
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Opportunities for advanced work in aviation management courses will be provided consistent with the student's and College of Management's objectives and capabilities.

COURSES IN AVIATION MANAGEMENT

AVMG 300	Meteorology	3
	Fundamental causes of weather phenomenon, the system in the U.S. for collecting, analyzing, and disseminating WX information. The impact of WX on the operation of aircraft and airports, and the reading, interpretation and analyzing of weather reports.	
AVMG 302	Aerospace Law, Legislation, and Regulation	3
	Legal and regulatory basis for operating and managing airlines and airports.	
AVMG 303	Private Pilot Ground Instruction	1
	Familiarization with the theory of flight, aircraft systems, air traffic control, meteorology, FAA regulations, navigation, and the physiology of flight.	
AVMG 304	Practicum in Flight Instruction	1
	Familiarization with aircraft operation during take-off, flight, and landing; illustrating role of supporting activities such as weather service, enroute air traffic control, terminal air traffic control, maintenance and other services.	
AVMG 403	Airport Operations Management	3
	Sources of revenue, budgeting, cost estimation, environmental concerns, airport certification, relationships with fixed base operators, contracts, liability and insurance, location, design, and development; safety management, and facility acquisition and maintenance.	
AVMG 404	Airline Operations Management	3
	Structure of the airline industry, economics of air carrier routes, air carrier safety requirements, economics of cargo and passenger operations, and effectiveness and efficiency considerations in passenger and cargo operations.	
AVMG 406	Seminar in Aviation Problems and Policies	3
	Real problems, through case studies, that have been faced and solved by airport and airline managers. This course will include an analysis of both quantitative and qualitative problems.	

Business Management

To assist graduates in preparing to meet the diverse challenges of personal as well as professional life, all students taking the program of study in business management receive a broadly based general management education before specializing in an area of professional concentration.

Of the 123 semester hours required for the B.B.A. degree in business management, 48 hours should be in management and economics courses, and at least 56 hours in courses other than management and economics. Lower division requirements have been spelled out in the introductory section to the College of Management. Third and fourth year requirements consist essentially of four parts. A general description of the content and the approximate number of hours to be included in each part is presented below.

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|------|---|----------|
| I. | Basic Management Core | 39 hours |
| | The basic core is to provide students with the common body of knowledge in management. Student programs will include courses of instruction dealing with the following areas: | |
| | (a) concepts, processes, and institutions in marketing and distribution, production, and financing functions of business enterprise; | |
| | (b) economic and legal environment of business enterprise along with consideration of the social and political influences on business; | |
| | (c) concepts and methods of accounting, quantitative methods, and information systems; | |
| | (d) organization theory, interpersonal relationships, control and motivation systems, and communications; | |
| | (e) administrative processes under conditions of uncertainty including integrating analysis and policy determination at the overall management level. | |
| II. | Professional Concentration Core | 12 hours |
| | Opportunities for advanced work or emphasis in some of the subject areas will be provided consistent with the student's and College of Management's objectives and capabilities. Available areas of emphasis include: decision science, management, marketing or logistics. | |
| III. | Free Electives | 12 hours |
| | Junior and senior students may select four or more hours of additional, unconstrained electives, depending on the electives taken at the freshman or sophomore level. | |

COURSES IN DECISION SCIENCE

- DSCI 301 Introduction to Statistics 3
- Elementary knowledge, attitudes, and skills in the areas of descriptive statistics, statistical inference, regression and correlation analysis.
Prerequisite: Demonstrate proficiency in algebra (should be taken prior to 400 level courses)
- DSCI 302 Intermediate Statistics 3
- Specialized hypothesis testing (ANOVA and Chi-Square), and extensive and intensive coverage of statistical decision theory in its economic context.
Prerequisite: DSCI 301
- DSCI 409 Seminar in Decision Science 3
- Senior Seminar in the quantitative management sciences concentration for the B.B.A. degree. Some extensions of methodology, but principally a study of real-world applications of the decision sciences.
- DSCI 600 Advanced Statistics for Managers 3
- Programmed self-study in basic statistics, hypothesis testing review, statistical decision theory and multiple correlation and regression analysis. Computer statpack library routines, case-work in managerial decision making.
- DSCI 603 Analytical Models for Decision Making 3
- Review and extensions of deterministic linear programming, networks and dynamic programming. Emphasis on formulation and utilization of programming computer packages. Special topics as requested.
- DSCI 608 Decision Sciences Models in Aviation 3
- Programming and statistics to analyze, plan and control various aviation operations activities.
Prerequisites: Permission of the instructor.
- DSCI 611 Decision Science Models for Accounting and Finance 3
- Same as ACCT 611.
- DSCI 613 Quantitative Analysis for Marketing Decisions 3
- Same as MRKT 613.

COURSES IN MANAGEMENT

- MNGT 310 Manpower Management and Human Relations 3
- Manpower management in developing effective work teams in organizations. Examine administrative problems in business including organization and structure; morale and motivation; power and authority; status and hierarchy.
- MNGT 312 Personnel Functions 3
- Principles and practice in personnel relations from topics such as recruitment practices, employee training, wage and salary administrations, and manpower planning.
- MNGT 320 Labor-Management Relations 3
- Introduction to current employment relationships. Comparison of union-management objectives, functions and structures. Labor history, collective bargaining, industrial conflict and wage problems will be discussed.
- MNGT 322 Industrial Relations and Collective Bargaining 3
- Problems in interpretation and administration of collective bargaining agreements, their negotiation and administration and other methods for settling disputes.
- MNGT 324 Labor Legislation 3
- Analysis of pertinent legislation pertaining to the labor movement and to manpower management. Topics selected from areas such as the Taft-Hartley Act, anti-injunction statutes, fair employment practices and government contract law.
- MNGT 325 Organizational Interpersonal Dynamics 3
- Development and application of problem solving concept to managerial situations in decision making and in superior-subordinate relations. Experiential training techniques are used to highlight concepts, methods and skills.
- MNGT 340 Operations Management 3
- Introduction to mathematical models in the context of manufacturing management. Linear models, financial decision models, production planning models (product mix and transportation), line balancing, production smoothing and forecasting.
Prerequisite: DSCI 301
- MNGT 341 Intermediate Operations Research 3
- Continuation of MNGT 340, includes linear and dynamic programming and an introduction to stochastic processes in operations management.
Prerequisite: MNGT 340

- MNGT 360 Management Concepts and Organization Theory 3
 Fundamental concept of management including topics such as principles of administration, modern organization theory, goal setting and leadership and decision making.
- MNGT 361 Introduction to Research 3
 Multi-disciplinary introduction to the research process: a critical examination of both library and field research; a supervised team research project.
 Prerequisite: basic course in student's area of specialization and MNGT 301 or equivalent
- MNGT 366 Management Policy 3
 An integrating course embracing all management functions. Cases, simulation and projects are used as subjects for analysis.
 Prerequisite: Senior standing.
- MNGT 411 Physical Resource Management 3
 An analysis of world resources in terms of how they are created and managed for social achievement and cultural progress.
- MNGT 419 Seminar in Personnel Administration 3
 Advanced study of current problems in personnel administration. Topics to be announced each semester. Contact department for further details.
 Prerequisite: Senior standing.
- MNGT 429 Seminar in Labor Management Relations 3
 Advanced study of current problems in labor management administration. Topics to be announced each semester. Contact department for further details.
 Prerequisite: Senior standing.
- MNGT 457 Association Management 3
 Associations in societal and community development emphasizing management planning, directing and managing volunteer labor found in associations and related activities; and, considerations of association in attaining individual, company and corporate goals.
- MNGT 460 Problems in Small Business Management 3
 Fundamental concepts, theories and practices of small business management. Supervised projects with local firms will be conducted using student teams, faculty and other resources.
 Prerequisite: Permission of instructor.

MNGT 600	Basic Administration	2
	Provides a synthesis of traditional and behavioral approaches to studying management. Topics covered include the management process, management history and organizational behavior.	
MNGT 610	Organization Dynamics Workshop	3
	Investigation of impact of organization structures and processes on the performance of members of organizations. Role playing, simulations and case studies will be used.	
MNGT 612	Human Resource Management	3
	Management of human resource in an organization. Topics such as manpower planning and development, organizational climate and the provision of personnel services will be investigated.	
MNGT 615	Organization Development and Change	3
	Problems surrounding the introduction of change in organizations, theory and methods of intervention used in organization development will be studied.	
MNGT 622	Industrial Relations	3
	Theories, policies and practices in manpower management are examined with emphasis upon more sophisticated employment of the behavioral sciences in labor relations management, organization, administration and staffing.	
MNGT 660	Organization Theory	3
	Internal organization structure and executive roles and functions in the business enterprise and other goal-directed institutions.	
MNGT 663	Management Systems Theory	3
	Integrates various disciplines of management. Emphasis on information-decision systems, computational and behavioral decision making, systems of managerial planning and organizational control. Prerequisite: Graduate standing and permission of instructor.	
MNGT 666	Management Policy and Integration	3
	Organizational policy and strategy. Cases on responsibilities of general management and problems that affect the character, success and future of the total enterprise.	

COURSES IN MARKETING

- MRKT 310 Marketing Management 3
- Marketing planning and decision-making from the viewpoint of the business executive, utilizing the interactive elements of product, price, promotion, and physical distribution.
Prerequisite: Knowledge of economic principles.
- MRKT 311 Marketing Communications 3
- Management processes of the components of marketing communication, including advertising, sales promotion, personal selling, and some marketing aspects of public relations activities for consumer and industrial goods.
Prerequisite: MRKT 310.
- MTKT 314 Physical Distribution Management 3
- Analysis, development and management of integrated physical distribution systems with in-depth considerations of: transportation, warehousing, inventory control, material handling, and industrial location.
- MRKT 315 Consumer Behavior 3
- Basic concepts of consumer behavior. The course focuses on psychological, sociological, and economic variables, and analyzes their effects on purchasing behavior.
Prerequisite: MRKT 310 and 311.
- MRKT 316 Marketing Channel Systems 3
- Appraisal and diagnosis, organization, and planning, action and control of commodity and product-service distribution, marketing analysis and systems, and demand stimulation.
Prerequisite: MRKT 310 and 311.
- MRKT 414 Marketing Research and Information Systems 3
- Behavioral sciences, research methods, social processes, and structure influences upon marketing activities and their integration as a total system of marketing action.
Prerequisite: MRKT 310, 311, and knowledge of basic statistics.
- MRKT 415 Introduction to Marketing Models 3
- Role of quantitative models in the design, implementation, and adjustment of seller strategy. Topics covered include market simulation, forecasting models, optimization models, and dynamic programming.
Prerequisite: MRKT 414 or equivalent.

- MRKT 418 Business Logistics 3
Treats logistics/transportation problem-solving, highlighting quantitative decision models from the viewpoints of market planners, system analysts, and inventory, traffic, distribution and warehousing considerations.
Prerequisite: MRKT 314
- MRKT 600 The Marketing Process 2
The marketing process is analyzed along with its underlying concepts. The information needed to serve the process is explored and the incorporation of marketing decisions into the management function is demonstrated.
- MRKT 610 Marketing Strategy and Theory 3
Macro and micro-marketing systems and the various approaches to marketing strategy and theory.
Prerequisite: Admission to M.B.A. core program.
- MRKT 611 Advanced Research Methods in Marketing 3
Training and application in quantitative and behavioral approaches to marketing research. Emphasis on evaluation of alternative designs, execution of problems, and interpretation of data.
Prerequisite: MRKT 414, 610, or equivalent.
- MRKT 612 Consumer Decision Processes 3
Analysis of information flows between buyer and seller; informational properties of demand stimulation strategies are considered from the viewpoint of the firm, consumer, and society.
Prerequisite: MRKT 610
- MRKT 613 Quantitative Analysis for Marketing Decisions 3
Analytic quantitative models of various aspects of the firm's marketing environment and of models of marketing decision problems, including uses of such models as a basis for marketing decisions.
Prerequisite: MRKT 610, DSCI 603
- MRKT 614 Seminar in Physical Distribution Management 3
Integrates business logistics/physical distribution concepts with fields of production, marketing, accounting and transportation, drawing upon the disciplines of applied mathematics, organizational behavior, resources and economics.
Prerequisite: MRKT 610
- MRKT 615 Seminar in Marketing Problems 3
Problems in product assortment and development, pricing, packaging, branding, and sales forecasting. Coordination of these decisions with other decision areas of the firm through case analysis.
Prerequisite: MRKT 610

Economics

The program of study in economics is designed to prepare economists as well as to serve other disciplines such as management, engineering, government, education, sociology or history. Economics is a study of two broad areas: (1) Microeconomics is an area of study applicable to any study of human endeavor where scarce resources must be allocated among competing uses; it is the study of man's behavior in producing, exchanging, and consuming material goods and services he wants. (2) Macroeconomics is the study of such problems as inflation, unemployment, and the rate of economic growth, i.e. the performance of the economy as a whole. The program at UT Permian in both areas emphasizes forecasting so that the individual, firm, and governmental bodies may adjust to forthcoming economic conditions.

A basic understanding of economics is essential for well-informed citizenship since most of the specific problems of the day have important economic aspects.

It is also a vital discipline for and is of practical value in business decision making. An understanding of the overall operation of the economic system puts the businessman in a better position to formulate his policies.

In spite of its practical benefits, however, economics is primarily an academic, not a vocational, subject; it is not a how-to-make-money area of study. In economics problems are examined from the social, not from the individual, point of view.

The undergraduate major in economics helps prepare students for participation in public affairs, for positions in business firms and for government service. It provides a strong foundation for pre-law students and for further graduate study leading to teaching and research positions in universities, governments, and private enterprise.

Third and fourth year degree requirements consist essentially of four parts. A general description of the content and the approximate number of hours to be included in each part is presented below:

I.	Quantitative Techniques	6 hours
II.	Free Electives	15 hours
III.	Minor Field Outside of Economics	18 hours
IV.	Concentration in Economics	24 hours

COURSES IN ECONOMICS

ECON 303	Microeconomics	3
	Examines the underlying assumptions of rational consumer behavior as well as the expected actions of the profit motivated firm under perfect and imperfect competitive conditions.	

ECON 304	Market Structures and Economic Efficiency	3
	Effects of various market structures on efficiency, growth, employment and innovation, and the government's role in promoting the achievement of economic goals.	
ECON 314	Physical Distribution Management	3
	Same as MRKT 314	
ECON 320	Labor-Management Relations	3
	Same as MNGT 320	
ECON 322	Commercial Banking	3
	Same as FIN 322	
ECON 406	Economic History	3
	Histories of the economic development of various present day industrial societies highlighting economic issues presented by the Industrial Revolution in Europe and of the United States.	
ECON 407	Econometrics	3
	Focus is on applied econometrics in estimating and testing simple multiple, and simultaneous equation models, including problems of multicollinearity, autocorrelation, and generalized least squares.	
ECON 411	Physical Resource Management	3
	Same as MNGT 411	
ECON 423	Macroeconomics: Financial Forecasting	3
	Theory of employment, price level and growth rate. Case studies emphasizing relationship between accepted theories and actual data in recent years. Issues raised by controls.	
ECON 600	Economic Analysis	3
	Presents an analysis of economic efficiency and the determinants of the major economic aggregates such as growth, employment, and GNP.	
ECON 602	Forecasting Business Conditions	3
	Elements and evaluation of principle forecasts used by business and government, using cases based on forecasts by the President's Council of Economic Advisors. Prerequisite: 6 hours of undergraduate economics.	
ECON 603	Microeconomic Analysis	3
	Analysis of optimal consumer and producer behavior under various market conditions using the mathematical techniques of calculus, linear programming and game theory. Prerequisite: Calculus	

Law Enforcement

The law enforcement program is designed for preparation of beginning police officers and for further upgrading and broadening of inservice police officers.

Third and fourth year degree requirements consist of seven parts. A general description of the content and the approximate number of hours to be included in each part is presented below.

I.	Social Science Electives	9 hours
II.	Psychology Electives	6 hours
III.	Government Electives	6 hours
IV.	Management Electives	6 hours
V.	Computer Aspects of Management Information Systems	3 hours
VI.	Free Electives	15-21 hours
VII.	Law Enforcement Studies	15 hours

COURSES IN LAW ENFORCEMENT

LWEN 300	Police in America	3
	An analysis of the police and their function in America. Problems confronting the policeman on the beat, the police administrator, and the public.	
LWEN 301	Functions and Process of the Criminal Law	3
	How criminal law is formed, the underlying philosophy of criminal law, and the limitations of criminal law.	
LWEN 302	Problems of Evidence	3
	Legal problems involved in the gathering and presentation of evidence in light of recent Supreme Court decisions. Prerequisite: A course in physical evidence or employment as a peace officer.	
LWEN 305	Organized Crime and Police Corruption	3
	Causes of organized crime, its history and its relationship to law and law enforcement. Effects of organized crime on the individual police officers and police organizations.	
LWEN 398	Senior Seminar	3
	Applications of law enforcement concepts to real problems of police officers.	

Law Enforcement Management

Law enforcement systems are being called on as never before to respond to society's needs. In the light of these challenges, responsible law enforcement leaders are examining, evaluating, and even reformulating their roles, philosophies of justice and ethics, and management practices.

The program in law enforcement management is to prepare individuals for administrative careers in police and other similar or related organizations. Contemporary and historical issues in the field will be explored.

Insofar as feasible, students should have police or other law enforcement experience before enrolling in this program. However, those without such a background will be admitted and encouraged to obtain appropriate experience while completing the degree program in law enforcement management. The curriculum will direct capable individuals toward positions of information systems analyzer, department head, lieutenant, captain, assistant chief of police, and chief of police. Students may also prepare for management positions in correctional institutions, court administration, and other agencies related to law enforcement.

Third and fourth year degree requirements consist essentially of four parts. A general description of the content and the approximate number of hours to be included in each part is presented below.

I.	Social Science	12 hours
II.	Free Electives	9 hours
III.	Basic Management Core	27 hours

The basic core is to provide students with the common body of knowledge in management. Student programs will include courses of instruction dealing with the following areas:

- (a) concepts, processes, and institutions in marketing and distribution, production, and financing functions of business enterprise;
- (b) economic and legal environment of business enterprise along with consideration of the social and political influences on business;
- (c) concepts and methods of accounting, decision science, and information systems;
- (d) organization theory, interpersonal relationships, control and motivation systems and communications;
- (e) administrative processes under conditions of uncertainty including integrating analysis and policy determination at the overall management level.

IV. Law Enforcement Management Core 12 hours

Opportunities for advanced work in law enforcement management will be provided consistent with the student's and the College of Management's objectives.

COURSES IN LAW ENFORCEMENT MANAGEMENT

- LEMG 398 Senior Seminar 3
- Applications of law enforcement management concepts to real problems in police management.
Prerequisite: Senior standing in law enforcement management.
- LEMG 400 Law Enforcement Organization: Theory & Practice 3
- Problems inherent in managing men in a high-risk occupation and the applicability of production models and service models or organization. Practice in formulating policies in light of these two models.
- LEMG 403 Police Planning and the Community 3
- Survey of population density and income in relationship to crime. The uses of research in determining organizational structure and goals. Relationships between city planning and the problems of policing a city.
- LEMG 407 Applications of Science and Technology to Law Enforcement 3
- Use of search patterns, cryptography, metal identification, computers, pathology, predictability, ultrasonics, lasers, detecting devices, radioactive materials, escape matrix, chemical analysis, ballistics, hazardous materials and radio communications.

COLLEGE OF SCIENCE AND ENGINEERING

The College of Science and Engineering provides a unique opportunity for students to develop individualized study programs in chemistry, computer science, control engineering, earth science, life science, mathematics, and physics leading to a Bachelor of Science degree. A Master of Science degree in engineering is also available. Each student will develop a custom made Plan of Study for his degree program in which interdisciplinary areas of concentration are encouraged. The goal of the College is to provide a learning program that best serves a student's interests and ability.

The learning activities in the College are widely varied to provide an exciting learning environment. These include individually paced study based on modules divided into many short learning units mixed with group instruction and interaction and opportunities to engage in real life project activity through off-campus field studies, experiential assignments in industry and the community, and self-initiated research projects. The laboratories are designed as a self-access "library" of experimental equipment whose instruments and specialized facilities are available to all students in all disciplines for individual research and experimentation.

To help the student design a meaningful Plan of Study, a faculty member is designated as career consultant and mentor (adviser). The faculty adviser usually works with the student throughout his career as a student in the College of Science and Engineering.

Certain basic requirements for receiving a degree have been specified elsewhere in this catalog and provide the basis for developing a plan of study. In addition to these a series of learning objectives has been identified by the faculty. These learning objectives are considered fundamental to the earning of a degree and are as follows:

1. Prepare and present to colleagues in his area of concentration an oral report of an original research study or a proposed design study, including the rationale for the study.
2. Prepare a written report of an original research study or a proposed design study from his area of concentration, including the rationale for the study.
3. Prepare a bibliography and summary for a currently "hot" topic in his area of concentration that has not been referenced in the usual journals and literature sources.
4. Predict possible consequences, impact, and/or limitations of governmental policies and culture on science and science policy.
5. Predict possible impact (economic, social, political) of an innovation, invention, technological

change or policy on life and society.

6. Design and demonstrate the use of a set of instructions that bring about the acquisition of a specified competence from the area of concentration.

A program of study designed to achieve these learning objectives is built around a major selected by the student. A part of the student's studies in this area is devoted to contract study, providing learning opportunities in areas for which studies have not been developed as formalized courses, and authentic involvement in which the student will become actively involved in real-life problems.

Other components of the plan of study consist of a minor and perhaps a supporting cluster of studies from fields other than his major plus electives from the arts, humanities, and social sciences. Generally the student will still have the opportunity to select additional studies in areas of his choice, providing he has the necessary background.

DEGREE REQUIREMENTS

The Bachelor of Science degree in the College of Science and Engineering requires a minimum of 120 credits, including, except for engineering, a minimum of 24 semester credits in the major plus a minor of at least 18 semester hours. The specific requirements depend upon the study areas and the educational objectives of the student. At least 12 credits in the major and six in the minor must be completed at the upper level. For interdisciplinary programs, in addition to the satisfaction of major and minor requirements in two disciplines, the student can plan a program to meet his particular needs. The major may be included in an area of concentration which involves the major and cognate studies.

Lower Division Requirements

The Core Curriculum set forth by the Coordinating Board, Texas College and University System, will be accepted in its entirety and applied toward appropriate degrees. All students planning to transfer to the University in life science, earth science, chemistry, physics, computer science, mathematics and engineering should have completed the following courses:

English Composition	2 courses
Federal and State Government	2 courses
Literature	2 courses
U.S. History (one may be Texas History)	2 courses

The English and government courses must be taken at the lower division level, but literature and history may be taken at UT Permian if necessary. One course each from one or more of the following list may be transferred as acceptable electives in any of the degree programs:

- Fine Arts
- Psychology
- Sociology
- Anthropology

Speech
Philosophy
Economics

For each specialized degree program in the College of Science and Engineering there are specific lower division courses that are required or highly recommended to have been completed before transferring to the University:

Chemistry

General Inorganic Chemistry	2 courses	Required
Physics (preferably with calculus)	2 courses	Required
Mathematics (through college algebra)	1 course	Required
Biological Sciences	1-2 courses	Required
Calculus	2 courses	Recommended
Minor Field of Study	2-3 courses	Recommended

Earth Science

General Inorganic Chemistry	2 courses	Required
Mathematics (through college algebra)	2 courses	Required
Geology (physical and historical)	2 courses	Required
Calculus or Statistics	1 course	Recommended
Minor Field of Study	2-3 courses	Recommended

Physics

Calculus	2 courses	Required
Physics (calculus based)	2 courses	Required
Chemistry	2 courses	Recommended
Geology or Biology	2 courses	Recommended
Minor Field of Study	2-3 courses	Recommended

Life Science

Mathematics	1-2 courses	Required
Biology	2 courses	Required
General Inorganic Chemistry	2 courses	Required
Organic Chemistry	2 courses	Recommended
General Physics	2 courses	Recommended
Minor Field of Study	2-3 courses	Recommended

Mathematics & Computer Science

Calculus and Analytic Geometry	2 courses	Required
Biological Sciences	1-2 courses	Required
Physical Sciences	1-2 courses	Required
Computer Language (for Computer Science)	1 course	Recommended
Calculus of Several Variables	1 course	Recommended
Minor Field of Study	2-3 courses	Recommended

Engineering

Calculus	2 courses	Required
General Inorganic Chemistry	2 courses	Required
Physics (calculus based)	2 courses	Required
Engineering Mechanics (statics)	1 course	Recommended
Engineering Graphics	1 course	Recommended

A student who is majoring in mathematics or one of the sciences should complete more credits in his major than the minimum listed above. In completing the 60 credits required for admission the student should complete 9-12 credits in his major and 6-9 in his minor, plus electives within a total of 60-66 lower division credits.

While it is to the student's advantage to complete all of the required courses before transferring, it is not necessary that he do so. If he has completed 60 credits but still lacks some of the required courses, he may be admitted to the University and complete those courses after transferring.

If a student finds, after enrolling at the University that he requires a freshman or sophomore course, it will be possible for him to take that course at a nearby junior college.

PROGRAMS OF STUDY

The primary areas of concentration or majors within the College are chemistry, computer science, earth science, engineering, life science, mathematics, and physics. The student may develop his own interdisciplinary program with the counsel of his faculty adviser. Program variations are possible within the degree programs of the College because some studies are related primarily to a single discipline whereas others are closely allied to several and will be jointly developed by the faculties.

Each student is expected to include a minimum of three credit hours of authentic involvement activity in his degree program. An authentic real-life experience, working in real-life conditions and constraints involving oral and written communications, project planning and organization is inherent in this participating approach. The University will provide adequate supervision and consultation in coordination with the cooperating organization to ensure the students gain appropriate experience and produce a credible study.

Within the following disciplines, many of the subjects are listed with variable credits. This is to provide the versatility necessary for the development of individualized plans of study satisfying the student's educational objectives. For example, a student requiring five hours of organic chemistry for entrance into a specific medical school can have his program designed so that he does not need to take two four-hour courses for a total of eight hours. These subdivisions are made possible through the development of self-paced courses of study.

Chemistry

Studies in chemistry offer an opportunity to develop the ability to solve problems and think creatively in a dynamic field of human endeavor. Chemistry provides an area of concentration:

- (a) for students interested in extending their knowledge of the methods and content of the science as a part of a liberal education,

- (b) for preparation for graduate study in chemistry, biochemistry, medicine, dentistry, medical sciences, and law,
- (c) for students interested in careers in industrial or government laboratories as well as industrial positions in technical sales, production, or management,
- (d) for students interested in secondary school teaching careers,
- (e) for students interested in careers in environmental science.

Normal programs of study leading to a Bachelor of Science degree will consist of a minimum of 32 semester hours in chemistry (upper and lower level). Those students in teacher education and interdisciplinary studies may complete the minimum of 24 credits.

Each plan of study requires one academic year of physics and calculus and includes a minimum of 20 hours in general, organic, and physical chemistry. The remaining 12 hours will be devoted to advanced studies.

Independent study and learning through research-type situations are strongly encouraged. Learning experiences in the classroom and laboratory are reinforced through participation in actual job situations as a part of the authentic involvement program.

Interdisciplinary areas of concentration such as chemistry-life science, chemistry-physics-mathematics, etc., are available for students interested in areas such as biochemistry, environmental science, geochemistry, and chemical physics. Such programs are planned in consultation with the faculties.

Supporting clusters of cognate studies or minors for students concentrating in chemistry might include work in life science, physics, mathematics, computer science, economics, or management. These studies are specifically suited to the individual's career goals.

Admission to study in chemistry requires the equivalent of eight semester hours in general chemistry.

COURSES IN CHEMISTRY

- CHEM 311 Organic Chemistry I 4
- An introductory course in organic chemistry. Emphasis on reaction pathways, stereochemistry, structure-reactivity relationships, synthesis and spectroscopic methods. Includes laboratory. Prerequisite: one year of general chemistry
- CHEM 312 Organic Chemistry II 4
- A continuation of Chemistry 311 including an introduction to molecular biochemistry. Laboratory work involves qualitative organic analysis.
- CHEM 324 Quantitative Analysis 4
- An introduction to volumetric, gravimetric, and colorimetric quantitative measurements including the use of pH meters and spectrophotometers. Prerequisite: one year of general chemistry
- CHEM 326 Instrumental Analysis 4
- Theory and practice of modern analytical methods including electroanalytical techniques, quantitative spectrophotometry, and radiochemical methods. Prerequisite: CHEM 361 or consent of instructor
- CHEM 328 Electronics for Scientists 3
- An experimental course dealing with the use of basic instrumentation in electrochemical, chromatographic, and spectroscopic analysis.
- CHEM 351 Molecular Biochemistry 3
- An introductory course in molecular biochemistry. Emphasis on pathways of enzymatic reactions. Prerequisite: CHEM 312
- CHEM 361 Physical Chemistry I 3
- An introductory course in physical chemistry. Topics include kinetic molecular theory, molecular thermodynamics, and an introduction to molecular energies.
- CHEM 362 Physical Chemistry II 3
- A continuation of Chemistry 361 introducing kinetics, quantum mechanics, and molecular spectroscopy. Prerequisite: CHEM 361
- CHEM 366 Experimental Physical Chemistry 1-3
- An integrated physical science laboratory course including thermodynamic, kinetic, and spectroscopic measurements. High vacuum techniques and

the use of sophisticated equipment are stressed in the measurement of molecular data. May be taken concurrently with CHEM 361.

- CHEM 372 Organic Structure Determination 3
An experimental course focusing on NMR, IR, UV and mass spec methods for the determination of the structure of organic compounds.
Prerequisite: CHEM 312
- CHEM 374 Inorganic Chemistry 3
An advanced course in inorganic chemistry including chemical bonding, inorganic reaction pathways and inorganic synthesis.
Prerequisite: CHEM 312, 361
- CHEM 375 Industrial Chemistry 3
A survey of commercially important chemical reactions, raw materials, processes and costs.
- CHEM 378 Chemical Synthesis 3
An experimental course involving the synthetic techniques of organic and inorganic chemistry, including the use of chemical instrumentation and literature.
Prerequisite: CHEM 312, 430
- CHEM 380 Polymer Chemistry 3
An introduction to the theory and methods of polymer chemistry.
- CHEM 395 Introduction to Research 1-3
An introduction to the research techniques of chemistry including the investigation of an original problem.
Prerequisite: permission of the instructor
- CHEM 410 Physical Organic Chemistry 3
An introduction to theoretical organic chemistry with emphasis on reaction mechanisms, molecular orbital theory and photochemistry.
Prerequisite: CHEM 312, 362
- CHEM 460 Molecular Spectroscopy 3
Involves the quantum theory and interpretation of the molecular spectra of small molecules. Includes rotational, vibrational, and electronic spectroscopy with an introduction to group theory.
Prerequisite: CHEM 362
- CHEM 466 Statistical Mechanics 3
An introduction to the fundamentals of statistical thermodynamics and their applications to simple chemical systems.

Computer Science

Computer science studies are interdisciplinary, involving computer science, management, and mathematics. These studies are designed for students interested in gaining a broad knowledge of the computer and developing an ability to design and analyze computerized software systems and use them in organizations and businesses that employ computer services in their day-to-day operations.

The plan of study will be tailored to satisfy the career objectives of the student. Two basic plans, each leading to a Bachelor of Science degree, are available--one scientific and one business oriented. The two programs share a basic set of studies providing a foundation for specialization. The scientific program option is oriented toward the inner workings of programming languages and compilers and applications of the computer to the student's choice of program emphasis. The business option is oriented toward the design, specification, and construction of information processing systems.

Admission to the computer science program presumes the student to have the equivalent of an introductory course in computer science and data processing and familiarity with at least one programming language. Before graduating, the student will be required to demonstrate his ability to use both a scientific and a business oriented programming language.

While the minimum number of credits for a major is 24, the normal program of study will consist of approximately 30 semester credits in computer science and related subjects. Basic studies in computer science will encompass file organization, communication based computer systems, information processing systems, computer operating systems, and basic simulation and model building. Courses in statistics, calculus, and operation research are also recommended. Additional studies contributing to the degree in computer science may be selected from mathematics and management on approval of the faculties involved.

COURSES IN COMPUTER SCIENCE

CPSC 300	Computer Organization	3
	Functional organization of computer systems and the relationships of software components to their operating systems. Included are such topics as channel controller, interrupts and addressing. Prerequisite: knowledge of a programming language and an introductory course in computers	
CPSC 310	Information Systems Design	3
	The evaluation of a business system from problem analysis to implementation of the system on an appropriate hardware configuration. Included are such topics as feasibility study, record and file	

definition, forms design (input and output), establishment of procedures. Testing/conversion, documentation, evaluation and review, and organization.

CPSC 320	Data Structures	3
	Data structures, concepts and algorithms used in problem solving. Topics include basic representation of data, linear and tree structures, computer storage allocation and ordering techniques.	
CPSC 333	Information Storage and Retrieval	3
	Societal impact of automation, basic number logic, data representations. Flow charting and structure of computer programs for data handling. Overview of the use of computers in business and management of data processing.	
CPSC 341	Intermediate Operations Research	3
	Same as MNGT 341	
CPSC 350	Simulation	1-3
	Same as SCEN 350	
CPSC 360	Operating Systems	1-3
	Investigation of batch process systems programs, their components, operating characteristics, user services and limitations. Included are multi-programming systems and parallel processing techniques.	
CPSC 410	Programming Languages	1-3
	Study of characteristics of a variety of programming languages with attention to the way these characteristics affect applications. Formal syntactic definition of language and rules for interpretation. Prerequisite: Working knowledge of one assembly language and one algorithmic language	
CPSC 411	Management Information Systems	3
	Same as ACCT 411	
CPSC 412	Systems Analysis and Design	3
	Same as ACCT 412	
CPSC 420	Numerical Analysis	1-3
	Same as MATH 420	

- CPSC 430 Information Processing Procedures 3
- Aspects of natural language processing on digital computers. The analysis of information content by statistical, syntactic and logical methods. Search and matching techniques. Axiomatic retrieval systems, question-answering systems. Evaluation of retrieval effectiveness and efficiency. Prerequisite: data structures, data storage and retrieval
- CPSC 440 Minicomputers 3
- Hardware and software design of minicomputer systems. Survey of available systems. Microprogramming techniques.

Earth Science

Studies in earth science, leading to a Bachelor of Science degree, can be tailored to provide preparation for a career in secondary school teaching, graduate work, careers in the petroleum or mining industries, and a variety of interdisciplinary programs. Programs of study leading to a Bachelor of Science consist of 30 or more semester hours in earth science (upper and lower level). Students in teacher education and interdisciplinary studies may complete the minimum of 24 credits. Variations in the student's plan of study allow for the selection of courses pertinent to his individual educational goals. Electives in earth science and related fields can be selected to complement and enhance the student's overall objectives.

It is recommended that students planning to specialize in earth science take courses in geology during their lower division studies with supporting studies in mathematics, chemistry, and life science. Students interested in teaching earth science in the secondary schools will be able to design a program specifically to fit that career goal.

Independent study and authentic involvement activities are strongly encouraged. Learning experiences in the classroom are reinforced through participation in actual job situations supplemented by actual field experience. Field studies are used as a laboratory experience to develop models for investigating environmental changes through time which will then be analyzed with the goal of correlating past and present efforts. All earth science majors must complete a field geology course before graduation. This course, not given at UT Permian, may be taken during the summer at various schools within the State.

Interdisciplinary areas of concentration such as earth science-life science, earth science-chemistry or physics are available to students interested in areas such as paleontology, mineralogy, geochemistry, and geophysics. Such programs will be planned in consultation with the appropriate faculties. Supporting clusters of studies for students concentrating in earth science might include work in life science, physics, mathematics, space science, computer science, management, and anthropology and archaeology. These studies are specifically tailored to the individual's career goals.

Admission to study in earth science requires the equivalent of eight semester hours in physical and historical geology.

COURSES IN EARTH SCIENCE

ERSC 300	Structural Geology	3
	Study of the principles and theories of structural geology. Special attention directed to include descriptions and interpretations of faults, folds and other structural features, and including the mechanics of rock deformation and basic global tectonics.	
ERSC 310	Petrology	3
	Hand specimen study of the common minerals, and of igneous, metamorphic, and sedimentary rocks.	
ERSC 311	Mineralogy	3
	Introduction to the study of minerals with an emphasis on identification, classification and origin based on physical and chemical properties.	
ERSC 312	Optical Mineralogy	3
	Includes the theory of optical crystallography and the identification of mineral grains with the polarizing microscope by the determination of optical properties.	
ERSC 320	Sedimentology	3
	Introduction to the study of sedimentary rocks. Emphasis to be placed on the processes of weathering, transportation and deposition, and on the characteristic attributes of the more important types of sedimentary rocks.	
ERSC 321	Physical Stratigraphy	3
	Principles of stratigraphy and correlation problems. Special emphasis on the stratigraphic and paleotectonic development of North America.	
ERSC 322	Oceanography	3
	An introduction to the geological, physical, chemical, and biological aspects of the marine environment. Attention will be directed to the nature of the ocean bottom and processes of marine erosion and deposition.	
ERSC 323	Environmental Geology	3
	The relationships of earth science to human problems and the environment, especially directed to geological problems associated with mass urban growth.	
ERSC 330	Biostratigraphy	3
	A survey of the history and evolution of life based on the evidence of the fossil record.	

- ERSC 331 Paleocology 3
 Principles, concepts, and techniques of environmental analysis and interpretation of marine and terrestrial fossil ecosystems.
- ERSC 340 Mineral Resources 3
 An introduction to the geology, origin and general economics of mineral and fuel deposits.
- ERSC 350 Organic Build-ups Through Time 3
 A study of the principles relative to the origin, morphology, associated rock facies and characteristic biota of representative examples or organic buildups through geologic time.
- ERSC 351 Planetary Geology 3
 Concept and development of our solar system with particular emphasis on the results of recent space probes and manned lunar landings.
- ERSC 352 Geology of Arid Lands 3
 A study of the geomorphology of the world's arid regions. Salient features include climate, landforms, water, soils, natural vegetation, and the various delimiting factors relative to human occupancy.
- ERSC 353 Petroleum Geology 3
 Emphasis on the origin, nature, migration, and accumulation of petroleum. Course will be supplemented with studies of the discovery procedures and techniques, trapping mechanisms, and developmental procedures of previously discovered giant oil and gas fields.
- ERSC 361 Carbonate Petrology 3
 Description and classification of carbonate rocks with consideration of recrystallization, diagenesis, and porosity formation.
- ERSC 370 Micropaleontology 3
 Microscopic study of plant and animal remains, and the principles underlying the use of such fossils relative to correlation problems. Emphasis to be placed on those fossil groups commonly recoverable from well drill cuttings.
- ERSC 374 Classic & Carbonate Depositional
 Environments 3
 Emphasis on the development of concepts and techniques of paleoenvironmental analysis leading to

interpretation of fossil terrestrial and marine ecosystems.

ERSC 376 Geochemistry 3

A study of the geologic and chemical processes that produced the observed distribution and abundances of the elements.

ERSC 378 Geophysics 3

A consideration of the gravitational, magnetic, thermal, electromagnetic, and seismic properties of the solid earth. Particular emphasis directed toward seismic methods relative to petroleum exploration.

Engineering

The Bachelor of Science degree in engineering is an interdisciplinary program combining basic competencies from all traditional engineering disciplines to prepare students for a versatile career opportunity in all industries. The program emphasizes development of career capabilities in control, systems and automation along with project management.

The study program in engineering offers many unique opportunities. The program is conducted as an individualized learning management system operating on a continuous year-round basis. Individualized program planning allows each student, in consultation with an advisor, to construct a Plan of Study best suited to his own career goals. All study areas (courses) in the curriculum are available for enrollment at any time the student is eligible to begin. In each study area the starting date, the amount of credit, the length of time to complete, and the specific objectives can be varied to meet the needs of each student.

Each study plan will include approximately 18 hours of work in mechanics, thermofluids, and systems analysis. An additional 12 to 15 hours will be devoted to advanced engineering mathematics and advanced engineering science electives. Approximately 6 hours of study plan may be devoted to experiential learning through team designed activities in authentic involvement projects from industry. Experiential activities may take place on or off campus and teams may include non-engineers. An additional nine hours of study in design, synthesis, management and related topics may be selected to support the project activity.

Entering students are expected to have the equivalent of one year of study in differential and integral calculus, a year sequence in university physics and a course in chemistry. When necessary, these studies may be completed at a nearby junior college.

Selected courses in engineering can be used to develop a supporting cluster for majors in other fields. The courses available will depend on the student's preparation and should be selected in consultation with a member of the engineering faculty.

COURSES IN ENGINEERING

ENGR 309	Engineering Mechanics	1-4
	Problems of equilibrium and motion in mechanical systems.	
ENGR 310	Mechanics of Materials	1-4
	Methods of determining the stresses present in structural members under various types of loading.	
ENGR 311	Materials Science	1-3
	Properties of engineering materials and the selection of materials for specific applications.	
ENGR 320	Systems Analysis I	3
	A unified treatment of the models, responses and analytical descriptions of electrical, mechanical, thermal and fluid systems.	
ENGR 321	Engineering Systems Analysis II	1-3
	Extension of the unified treatment of electrical, mechanical, thermal and fluid systems from ENGR 320 to more complex systems and more versatile techniques of analysis.	
ENGR 330	Thermo-fluid Science I	3
	The processes by which substances and mixtures undergo energy transformations to perform useful functions.	
ENGR 331	Thermo-fluid Science II	1-3
	The behavior of fluids both at rest and in motion within natural and man-made systems, emphasizing measurement and control of flow.	
ENGR 332	Thermo-fluid Science III	1-3
	Heat-transfer rate processes, involving the basic modes of thermal energy transfer: conduction, convection, and radiation; emphasizing measurement and control of temperature.	
ENGR 333	Thermo-fluid Science IV	1-3
	Thermodynamic processes extended to include multi-component systems with transformation of both matter and energy or other special applications.	
ENGR 349	Interaction of Technology and Society	1-3
	An exploration of historical and current actions and consequences resulting from the interrelationships of technology and social needs. For non-engineering majors. Meets applied course requirements for arts and sciences majors.	
ENGR 350	Mechanisms	1-3
	Analysis and synthesis of mechanical motion transmission and motion generating systems.	

ENGR 351	Fluid Power Systems	1-3
	Theory and application of fluid systems in automation, control and power equipment.	
ENGR 360	Electronics and Machines	1-3
	Theory and application of electronic equipment and electrical machinery in instrumentation and control.	
ENGR 361	Computer Control Systems	1-3
	A treatment of the use of analog and digital computers as control components including applications in various areas.	
ENGR 370	Separation Processes	2-3
	Rate processes for separating components of mixtures, by the transfer of mass between phases of matter, emphasizing equipment operation and control.	
ENGR 371	Chemical Reactor Operations	2-3
	Rate processes for transformation of matter by chemical reaction, emphasizing equipment operation and control.	
ENGR 380	Control System Design	1-3
	A unified treatment of the design of control systems which perform to given specifications and applications to industrial problems.	
ENGR 385	Project Management	1-3
	Manpower and resource allocation, personnel management, scheduling and organizational strategies for engineering projects.	
ENGR 390	Economic Evaluation	1-3
	Theory and application of economic principles in engineering decision processes.	
ENGR 395	Analytical Decision Processes	1-3
	Optimization methods and value theory in analytical decision making.	
ENGR 400	Energy Systems	3
	A quasi-technical seminar treating the effect of energy availability, distribution, and consumption upon the political, social and technical communities.	
ENGR 401	Pollution Control	3
	A quasi-technical seminar surveying the inter-	

acting efforts of the political, social, and technical communities in various aspects of environmental degradation and control; past, present, and future.

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| ENGR 407 | Applications of Science and Technology
to Law Enforcement | 3 |
| | Same as LEMG 407 | |
| ENGR 479 | Advanced Materials Science | 3 |
| | Organic and inorganic engineering materials including their structures, mechanical and physical properties, application of materials, fabrication and heat-treating principles and failure mechanisms. | |
| SCEN 301 | Measurements | 2-3 |
| | Equipment, methods, and theories for the successful application of experimental techniques in the student's area. | |
| SCEN 350 | Simulation | 1-3 |
| | Techniques by which analog and digital computers may be used to simulate physical systems for analysis and design purposes including experience in analog and FORTRAN IV programming. | |
| ENGR 610 | Advanced Strength of Materials | 3 |
| | A study of advanced methods for the determination of stresses in complex structures subjected to various types of loading. | |
| ENGR 620 | Control Engineering | 3 |
| | Analysis and design of control systems utilizing hydraulic, pneumatic, electronic and chemical process equipment. | |
| ENGR 621 | Process Dynamics | 3 |
| | A study of the unsteady-state behavior systems typically found in the process industries, and methods for measurement and control of pertinent variables. | |
| ENGR 660 | Modern Control Engineering | 3 |
| | A treatment of selected topics of modern control engineering including sample data control, state space analysis of control systems, nonlinear systems control, and optimization theory with applications to industrial problems. | |
| ENGR 661 | Reactor Kinetics | 3 |
| | A study of the latest models and methods for | |

engineering analysis of chemical reaction systems encountered in process industries.

ENGR 671 Heat and Mass Transfer 3

Individualized study of the latest analytical models and methods for solution of engineering heat and mass transfer problems. A general introductory core is followed by specialized study along a track of individual interest.

ENGR 673 Advanced Thermodynamics 3

A study of modern applications of engineering practice requiring thermodynamic analysis of inherent energy transformations.

Life Science

Courses in life science may apply to the Bachelor of Science degree with a major in life science, to a minor in life science, or serve as electives in other degree programs. The life science programs provide preparation for careers in college teaching, research in biology, agriculture, forestry, medicine, veterinary medicine, dentistry, and other health related fields, and for elementary and secondary school teaching.

Students who desire a major in life science should include one year of inorganic (general) chemistry, one year of biology, and one course of college algebra (or equivalent) in the credits transferred to UT Permian. One year of organic chemistry is also strongly recommended prior to coming to UT Permian, except students in elementary education. Students planning to enter professional or graduate schools should include a year of college physics in the credits transferred to UT Permian. Students who desire to use life science as the minor field of study should complete the equivalent of one year of biology prior to enrolling at UT Permian.

The Faculty of Life Science will help each student design a program of study to satisfy specific career objectives. In addition, specific courses such as Contract Study and Selected Topics in Life Science may be individualized to fit specific student needs and interests.

The study plan for life science majors includes approximately 30 semester hours in the major, with at least 12 hours of upper-level courses. The plan must contain study in genetics, organismic biology, and suborganismic biology, independent research, inorganic and organic chemistry.

COURSES IN LIFE SCIENCE

LFSC 300	Microbiology	2-4
	The growth, morphology, metabolism, and genetics of bacteria and related organisms. Previous or concurrent enrollment in organic chemistry required.	
LFSC 311	Processes of Science	1
	Competencies that may be used in all areas of science are emphasized: observing and inferring, graphing and interpreting data, defining operationally, controlling variables.	
LFSC 321	Natural and Related Products	3
	The extraction, identification, and location of carbohydrates, lipids, nitrogenous compounds, and related materials in living systems, with emphasis on laboratory procedures. Primarily for elementary education students and non-life science majors. Prerequisite: one year of general chemistry	

- LFSC 330 Plant Morphology 2.
The structure, development, reproduction and relationships of the major plant groups.
- LFSC 331 Plant Physiology 3
The nutrition, growth, and development of plants with special emphasis on vascular plants. Offered in 1974-75 and alternate years.
Prerequisite: one semester of organic chemistry
- LFSC 340 Genetics 3
The structure and function of hereditary material with emphasis on recent developments in the field. Previous or concurrent enrollment in organic chemistry required.
- LFSC 350 Human Anatomy and Physiology 4
Survey of human anatomical systems and their physiological functions with special emphasis on the skeletal, muscular, nervous, circulatory, and respiratory systems. Primarily for physical education majors.
- LFSC 351 Animal Physiology 4
The development, function and mechanism of action of the major physiological systems in animals.
- LFSC 352 Vertebrate Biology 4
The classification, phylogeny, anatomy, embryology, and natural history of vertebrates. Special emphasis on the vertebrates of West Texas.
- LFSC 388 Life Science Seminar 1
Interactive small group discussions of varied topics in life science.
- LFSC 400 Microbial Genetics 3
The mechanisms of genetic transfer, gene analysis, control mechanisms, and the structure and replication of bacterial viruses. Prerequisites LFSC 300 and 340 or equivalent. Offered in 1974-75 and alternate years.
- LFSC 401 Virology 3
The nature, identification, structure, replication and biological importance of animal, plant, and bacterial viruses.
Prerequisites: one semester of biology and organic chemistry

LFSC 402	Venereal and Other Diseases of Man	1-3
	A study of the major groups of disease-causing bacteria with special emphasis on organisms pathogenic to man. Open to non-majors.	
LFSC 411	Biostratigraphy	3
	Same as ERSC 330	
LFSC 420	Cell Biology	4
	The structure, function, and integration of cell components. Prerequisite: one semester of organic chemistry	
LFSC 422	Cytology-Histology	3
	Techniques in the preparation and interpretation of cytological and histological materials. Offered in 1975-76 and alternate years.	
LFSC 423	Immunology	3
	The techniques, mechanisms, and interpretations of immunological reactions. Offered in 1975-76 and alternate years.	
LFSC 442	Evolution	3
	An examination of population variation and mechanisms of evolution and speciation. Offered in 1974-75 and alternate years.	
LFSC 443	Human Genetics	3
	A survey of the mechanism of inheritance of human traits. Primarily for the non-life science major.	
LFSC 444	Evolutionary Ecology	3
	The evolution of ecological parameters with emphasis on population and community parameters. Offered in 1975-76 and alternate years.	
LFSC 450	Developmental Biology	4
	The embryogeny and development of structural and physiological systems. Offered in 1975-76 and alternate years.	
LFSC 451	Physiological Ecology	2
	The physiological adaptations to environmental conditions such as heat, cold, water stress, and altitude. Special emphasis on vertebrates. Offered in 1974-75 and alternate years.	

Mathematics

A Bachelor of Science degree is offered in mathematics. The program of study can be tailored to prepare the student for a career in elementary or secondary school teaching, for research in industry or government, or for entering graduate study.

A degree in mathematics requires a minimum of 24 semester hours exclusive of basic calculus and precalculus courses. Although variations in the Plan of Study will be made in keeping with an individual program, the major courses will include studies in linear and abstract algebra, probability and statistics, and an analysis course with differential and integral calculus prerequisites.

Mathematics electives will be selected in keeping with the educational objectives of the students.

A variety of alternatives for mathematics as a minor is possible. The specific courses recommended will depend upon the major and interests of the student. For those seeking certification in secondary education with a minor in mathematics, 24 semester hours are required including integral and differential calculus, linear algebra and algebraic structures, advanced geometry and probability and statistics. This provides the student with the mathematical background to teach algebra and geometry effectively in middle and secondary schools.

The student planning to complete his studies with a major in mathematics within the normal period of time should be able to demonstrate his proficiency in differential and integral calculus upon admission to the College.

COURSES IN MATHEMATICS

MATH 300	Mathematics for Elementary Teachers	3
	Basic set theory, axiomatic structure of the number system, foundations of arithmetic and informal geometry. A course designed for prospective elementary teachers.	
MATH 301	Statistics	1-3
	Basic concepts and applications of statistics, including probability, standard statistical distributions, descriptive statistics, testing of hypotheses, confidence intervals, linear regression and correlation. Same as DSCI 301, PSYC 301.	
MATH 310	Linear Algebra	1-3
	Vectors and vector spaces, matrices and linear transformations, eigenvalues, eigenvectors and canonical forms, and their applications.	

MATH 315	Algebraic Structures	3
	Elements of group, ring and field theories with emphasis on the ring of integers and polynomial domains.	
MSTH 320	Calculus of Several Variables	1-3
	Differential and integral calculus of functions of several variables. Prerequisite: differential and integral calculus and permission of instructor	
MATH 330	Differential Equations	3
	Solution of ordinary differential equations including power series and Laplace transform methods and systems of linear differential equations with applications.	
MATH 350	Topics in Geometry	3
	Cross ratio and other topics of modern geometry, elementary transformations, Euclidean constructions and an introduction to the non-Euclidean geometries of Riemann and Lobachevsky.	
MATH 360	Intermediate Analysis	3
	Rigorous treatment of limits, continuity and uniform continuity, derivatives, integrals and mean value theorems. Prerequisite: calculus	
MATH 401	Probability and Statistics	1-3
	Mathematical investigation of basic properties of distribution functions and use of probability theory to determine critical regions for selected test hypotheses, including multiple and partial correlation, analysis of variance, and non-parametric procedures. Prerequisite: calculus and MATH 301, 340	
MATH 410 411	Modern Algebra I, II	3,3
	Basic properties of groups, rings and fields, including homomorphism theorems. Theory of vector spaces and modules, including linear transformations, matrices and canonical forms. Prerequisite: MATH 310, 315	
MATH 415	Theory of Numbers	3
	Divisibility of integers, congruence, quadratic residues, Diophantine equations and continued fractions. Prerequisite: MATH 315	
MATH 419	Applied Mathematics	1-3
	Theory and application of ordinary and partial	

differential equations, including special functions, transform methods, Fourier series, calculus of variations and vector calculus.
Prerequisite: MATH 330

- MATH 420 Numerical Analysis 1-3
- Survey of numerical methods for solution of initial value problems, transcendental equations and systems of linear equations. Interpolation, averaging and quadrature processes. Error analysis stressed.
Prerequisite: MATH 310, 330, knowledge of a programming language
- MATH 460, Advanced Calculus I, II 3,3
461
- Introduction to real analysis, including convergence of sequences and series of real numbers and of functions, Riemann-Stieltjes integrals and elementary theory of the Lebesgue integral.
Prerequisite: MATH 360 or permission of the instructor
- MATH 470 Complex Variables 1-3
- Introduction to complex analysis, including analytic functions, power series, residues and conformal mapping.
Prerequisite: calculus
- MATH 480 Topology 3
- Introduction to general topology, including continuity and compactness, connectedness and separation properties. Emphasis on metric spaces.
Prerequisite: MATH 360 or permission of the instructor

Physics

The program of study in physics leading to a Bachelor of Science degree prepares the student for two options. The research or industrial degree program option is designed to prepare students for graduate study or as a terminal program in preparation for industrial research. The general degree program is designed to prepare students for a career in secondary education and in some cases may be useful for students planning to attend medical school, work in patent law, or technical writing, teach the history of science, etc. Individualized program planning and instruction allows each student, in consultation with an adviser, to construct a plan of study best suited to his career goals.

The study plan for physics majors must include 24 semester hours of upper level physics courses divided approximately equally between courses in intermediate classical physics and contemporary physics. In addition six to nine semester hours will be devoted to studies in advanced techniques.

Interdisciplinary areas of concentration such as geophysics, biophysics, mathematical physics, and engineering physics can be developed from the offerings in physics with the faculties of the College of Science and Engineering. The student is encouraged to consider some of these opportunities. Additional studies applicable to a degree in physics can be selected from chemistry, engineering, and earth science.

COURSES IN PHYSICS

PHYS 309	Intermediate Mechanics	3
	A study of dynamics, central force problems, rigid body dynamics, oscillations, systems of particles, moving coordinate systems, and an introduction to Lagrangian Mechanics.	
PHYS 310	Intermediate Electricity and Magnetism	3
	Vector analysis, electrostatics, boundary value problems, the study of dielectric materials, magnetostatics, electromagnetic induction, magnetic properties of matter, electric currents, and Maxwell's equations.	
PHYS 320	Optics	3
	A study of the foundations of geometrical optics, interference, coherence, diffraction, the electromagnetic nature of light, polarization, and holography.	
PHYS 330	Acoustics I	3
	A study of fundamental particle vibration theory, plane waves in air, waves in more than one dimension, interference patterns, diffraction, acoustic	

- PHYS 419 Mathematical Methods of Physics 3
- The topics to be covered will vary and will be selected from the following: Fourier Series and boundary value problems, linear vector spaces, vector and tensor analysis, Green's functions, orthogonal functions, eigenvalue problems, partial differential equations, calculus of variations, complex analysis with application to conformal mapping.
- PHYS 420 Introductory Solid State Physics 3
- A study of crystal structure, crystal diffraction and the reciprocal lattice, crystal binding, phonons and lattice vibrations, energy bands and the Fermi model of a free electron gas.
- PHYS 430 Elements of Nuclear Physics 3
- A study of nuclear sites and shapes, binding energies, the two-nucleon system, nuclear models, nuclear reactions, scattering, radioactivity, beta and gamma decay and particle accelerators.

Natural Science

This is an integral course designed to emphasize the contemporary aspects of biology, chemistry and physics while minimizing the distinction between the disciplines. Stressed throughout the course are:

- (a) the impact of science on the individual's life.
- (b) the interaction of science with social, economic and political forces.
- (c) the strengths and limitations of science.
- (d) an understanding of science as a human endeavor.

This course is designed as a terminal science course for non-science majors and is recommended as an elective for science majors. It may be used to satisfy the physical and biological requirements for graduation as well as the science requirements for teacher certification.

COURSES IN CONTEMPORARY NATURAL SCIENCE

- NTSC 301, Contemporary Natural Science I, II 3,3
302

Contemporary aspects of science. Topics include ecology, population, environmental problems, atomic energy, space travel, probability, computers, disease, drugs, chemical and biological warfare and genetic engineering. Includes laboratory. Intended for non-science majors.

Pre-Medicine, Pre-Dentistry and Pre-Veterinary

Professional schools in health sciences seek well-trained, versatile students, who, in addition to displaying leadership, social maturity and human relations skills, possess the physical, emotional, and intellectual stamina required for a successful career in medicine. Toward that end, the undergraduate student should feel free to concentrate his studies in his primary area of interest, realizing that the professional school admissions committee is more interested in the quality and scope of the work than in the major field chosen.

Absolute requirements for professional schools are deliberately kept minimal in order to permit wide flexibility for the student to choose an academic program which best fits his individual interests. These requirements normally include at least one year of English, two years of chemistry, and one year each of physics, mathematics and biology.

Some basic concepts and vocabulary common to the sciences, which are basic to the study of medicine, are essential. In addition, a thorough understanding of the fundamentals of chemistry, physics, biology and mathematics is mandatory since many advances in medicine are based on developments from these disciplines.

Since specific requirements may vary slightly among professional schools, it is prudent for the student to identify early in his academic career the specific requirements established by the professional schools of his choice. Because of the extremely competitive nature of school admissions, the student is strongly advised to pursue an undergraduate degree program that will permit him several career alternatives.

Information on the requirements of specific schools, factors involved in the school admissions process, finances, the admissions examination, and other matters of interest to pre-professional students may be obtained from the Health Services Advisory Committee of the University.

GRADUATE STUDY

Unlike most universities, The University of Texas of the Permian Basin does not have a separate graduate school; rather, the University's graduate programs are administered by the various college deans under the direction of the Vice President for Academic Affairs. There is no formal or operational distinction between the administration of the graduate and undergraduate programs. A Graduate Council composed of the college deans and selected faculty members and chaired by the Vice President for Academic Affairs is responsible for the development of policies and procedures concerning graduate education.

ADMISSION TO GRADUATE STUDY

Those seeking admission should write to the Director of Admissions for an application form which must be filled out and returned with an official transcript of all prior college or university study to the Director of Admissions.

There are five basic requirements for admission to a graduate program: (1) a bachelor's degree from an accredited institution in the United States or proof of equivalent training at a foreign institution; (2) B average in upper-division (junior and senior level) work and in any graduate work already completed or other evidence that one can succeed in graduate study; (3) a satisfactory score on the Graduate Record Examination's Aptitude Test or the Admission Test for Graduate Study in Business; (4) adequate subject preparation for the proposed graduate program; and (5) acceptance by the dean of the college in which the student expects to pursue graduate study.

Deadlines for Submission of Application. Applications, along with official transcripts of all previous college or university work, should be filed at least sixty days in advance of the beginning of the semester or summer session in which one plans to register. Foreign students should apply much earlier.

Seniors at UT Permian who lack less than ten semester hours for graduation, if they meet other admission requirements, may be admitted to graduate study. They must be registered for all of the final courses required for the bachelor's degree to be able to take graduate courses.

The Graduate Record Examination. The Aptitude Test of the Graduate Record Examination is a measure of one's likelihood of success in graduate study. All applicants for admission to graduate study at The University of Texas of the Permian Basin must take the test. Those applicants with outstanding records may be admitted without the GRE (or ATGSB) test score, but must complete the test prior to enrolling. The test is administered by the Educational Testing Service of Princeton, New Jersey. The test may be taken at several testing centers (colleges and universities) six times a year, usually October, December, January, February, April, and July. For information about where and when the test may be taken, contact the Admissions Office of The University of Texas of the Permian Basin.

Conditional Admission. A student desiring to work towards an advanced degree in an area in which his undergraduate training is insufficient may be admitted with the understanding that he must undertake course work and other study to make up deficiencies noted by the college dean and that such make-up work will be in addition to the regular degree requirements.

When a student with less than minimum grade-point average or with less than satisfactory Graduate Record Examinations Aptitude Test score is admitted on the recommendation of a college dean with the approval of the Vice President for Academic Affairs, the dean may assign special conditions regarding the number of semester hours to be taken and specific grade-point average to be maintained.

GRADUATE STUDY REGULATIONS

The student is held responsible for knowing degree requirements and enrolling for courses that fit into his degree program. He is likewise held responsible for knowing the University regulations in regard to the standard of work required for continuance in graduate study.

Transfer of Credits. Up to six credits completed at another institution will usually be accepted toward the master's degree if appropriate for the student's planned program of study at UT Permian. In some cases a limited number of additional credits will be accepted by petition. In petitioning, the student or applicant should specify in writing the reasons that the courses should be accepted and applied toward requirements for the degree. No graduate credit with a grade less than B may be transferred to UT Permian. No credits acquired by correspondence study apply toward the minimum requirements for the master's degree, nor can any credit more than eight years old be applied toward a master's degree completed prior to September 1, 1977. After that date, no credit more than six years old may be applied toward requirements for the degree. Extension course work, whether completed through UT Permian or at another institution, may be applied toward meeting minimum requirements for the master's degree not to exceed a total maximum of six credits.

Course Load. The maximum course load for a graduate student is fifteen semester hours or six semester hours in a six weeks' summer term; registration in excess of these will be permitted only under exceptional circumstances. Twelve credits per semester constitute a full-time course load. If the student is employed by the University as a teaching assistant or student assistant, his course load must be correspondingly reduced. A part-time student who is employed full time should normally take only one course per semester but with the approval of the student's adviser he may take two courses providing the individual will have ample time free for study.

The maximum credits for which a student may register in a semester or summer term apply not only to courses taught on conventional bases but to courses taught on a self-paced basis as well, except that if a student finishes a self-paced

instruction course before the end of the semester or summer term, he may register for another self-paced course immediately or anytime thereafter during that semester.

Grades. Credit is given in graduate programs for the grades A, B, and C. Every semester hour of C, however, must be balanced by one of A, because the degree candidate is required to present an overall average of B at the end of his program of study. At the graduate level, some professors will award pluses and minuses to grades, especially in the case of the grade B, in order to further clarify the meaning of the mark.

Continuation in Graduate School. Continuation in graduate study beyond the first 12 credits is dependent on satisfactory progress in resolving any admission conditions and maintenance of a B average. Failure to earn a B average in his next six credits will result in dismissal.

The graduate student who is dismissed may be readmitted for further graduate study only by petitioning the dean of the college and with the approval of the Vice President for Academic Affairs.

Courses Counted For Another Degree. No course counted toward another degree may be counted toward a master's degree, either directly or by substitution.

English Requirements. No one may receive the master's degree from UT Permian without demonstrating the ability to write and speak English acceptably. The examining committee will certify that it has examined the candidate's proficiency in writing and speaking English and that it is appropriate for the holder of a master's degree from UT Permian.

Foreign students must submit a satisfactory TOEFL Independent Study Score in order to be admitted to graduate study.

Advisement. Upon admission to graduate study the individual will be assigned a faculty member by the dean of the college to serve as his adviser. Prior to the completion of one-half of the course credits required, the adviser nominates a guidance committee of three members including himself as chairman, a faculty member from the student's cognate field of study, and a third faculty member who may be from the major or cognate field of study or other field for which there is a logical reason, except that the appointment of the third faculty member may be delayed as explained below. The committee approved and named by the dean of the college.

The committee is responsible for developing the student's program of study, for conducting examinations and for certifying the student's completion of all requirements for the degree.

The final examination committee shall consist of at least three faculty members; however, prior to the examination the committee may consist of only the adviser and the representative of the student's cognate field, both of whom must be members of the graduate faculty. One member of the student's oral examination committee will be from neither major nor minor and will usually be from a different college.

Candidacy. In order for the graduate student to achieve the status of candidate for the master's degree he must, with the assistance of his adviser and the representative of his cognate field of study, plan a program of study. This must be done prior to beginning the last half of the course credit requirements for the degree and must be approved by both the college dean and the Graduate Council. Students who fail to submit a program and receive approval shall be required to complete one-half of the required credits (exclusive of thesis) after approval is received. The planned program should list all the courses, and any special projects and other educational experiences that are to be a part of the master's program; it is not necessary to include the topic if the thesis option is chosen.

Oral Examination. Successful completion of all courses and research requirements does not assure receipt of the master's degree. After all requirements have been fulfilled, each candidate will normally sit for an oral examination by the candidate's committee. The examination will cover the subject matter of the candidate's field or discipline as well as his research. The candidate must demonstrate an appropriate level of knowledge and understanding of his field in the oral examination. One negative vote on a three member committee and two negative votes on a committee of four or more faculty members will result in failure. The candidate who has failed the oral examination may sit for re-examination only twice more within five years of the initial failure. However, any candidate who fails the examination will be given directions for study in order to improve the chances of passing the examination on a second attempt.

PROGRAMS OF STUDY

Masters' degrees are offered in four fields: the M.A. in physical education and health, the M.A. in education (early childhood education, elementary education, secondary education, special education, and counseling), the M.B.A. in management, and the M.S. in engineering.

Education

The Master of Arts degree in education is offered in early childhood education, elementary education, secondary education, special education, and counseling. Both the thesis and the non-thesis options are offered in each. Those selecting the thesis option must complete at least 24 semester credits of prescribed study plus a thesis. Those choosing the non-thesis option must complete at least 36 credits of prescribed study, including a three credit research paper.

The thesis must deal with a topic of generalized concern to the profession, be scholarly in its orientation, demonstrate the student's understanding of and ability to use sophisticated research techniques, and show promise of a contribution to knowledge that would be worthy of publication in a scholarly or professional journal. Students planning to pursue the Ph.D. degree should select the thesis option.

The research paper required for the non-thesis option should deal with a practical problem of concern to the student, preferably one in his present teaching situation if he is engaged in teaching while pursuing graduate study. It

should follow recognized research procedures but does not require the level of sophistication of thesis research, and the findings do not necessarily need to be of such import as to merit publication. Frequently the problem and the findings of the study will be of value largely, and perhaps solely, to the school where he or she is teaching.

All candidates for the M.A. in education must have met requirements for certification, except those students enrolled in the community counseling program. Graduate students in education should have had teaching experience before enrolling in graduate study. Those who have not had such experience will, except in unusual cases, be expected to gain teaching experience before completion of the M.A. degree.

The Master of Arts programs in early childhood education, elementary education, secondary education, and special education may be so planned as to prepare one primarily for teaching or for supervisory roles. The M.A. program in counseling is designed primarily for the preparation of counselors in the elementary or secondary schools, but a concentration in community counseling is also available. The community counseling program prepares one for work as a marriage and family counselor, counseling psychologist, rehabilitation counselor, and for other non-school counseling positions.

The M.A. requires at least one-half of the course work in the major area of study or in areas directly related to it. One-third of the course work should be taken in a discipline outside education. For those pursuing the teacher concentration in secondary education, elementary education, or early childhood education, it will usually mean course work in the field of one's primary subject interest outside pedagogical studies. Those pursuing the supervisor option will usually take courses in the behavioral sciences. Students majoring in counseling and preparing for community counseling rather than school counseling will usually take more of their course work in psychology and other behavioral sciences.

Programs are also offered leading to certification as reading specialists, mid-management educational administrators (principals or central system administrators) and superintendents.

Physical Education And Health

Graduate courses offered currently by the Faculty of Physical Education and Health are related to physical education only. An attempt is made to be as flexible as possible in designing programs of study. Three areas of emphasis are offered: Analysis of Movement, Psychology of Movement, and Movement for the Handicapped. Students will have an opportunity to examine these areas in depth and apply the course material to instructional programs.

Students studying for the Master of Arts degree in physical education and health may, with the approval of their advisers, select either the thesis or non-thesis option. The student preparing a thesis will complete at least 24 hours

of course work plus the thesis. The student pursuing the non-thesis option will complete at least 36 hours including a three credit special research paper. It is expected that students desiring to study beyond the master's degree will take the thesis option, whereas students planning to cease formal study with the master's degree will follow the non-thesis option. The additional course hours required for the non-thesis degree plan should provide a greater breadth of systematic learning experiences for the student.

Students desiring to major in physical education and health for the M.A. degree should possess a bachelor's degree in which the major or minor was physical education. Provision will be made for the non-physical education major or minor student who possesses a bachelor's degree or its equivalent to enter the graduate program in physical education and health. It is not necessary that the student possess teaching experience or a teaching certificate to qualify for the master's degree program.

Prior to completion of the master's degree from UT Permian, students must demonstrate competencies that correspond with their degree objectives. While these competencies will vary, there are several that are considered basic to a student completing a master's degree.

For a list of graduate courses offered, see the listing under the description of requirements for the B.A. degree.

Engineering

The Master's Degree in engineering will be awarded upon achievement of specific predetermined professional competencies. An individualized program will be formulated by the student in consultation with a faculty advisor.

The student's Plan of Study will include the overall degree objectives, the necessary activities to reach specified competencies, and the means by which the student will give evidence for certification of achievement. Early in the student's program the degree plan will be documented and submitted to a faculty graduate committee for approval.

The activities will be selected according to the studies guidelines presented above. However, the student will be encouraged to include alternate approaches from the more traditional forms of study, with imaginative means of certifying attainment of professional competency.

A typical program might consist of the following components:

- a. Advanced studies in Science and Engineering - At least 50% of the degree program will be devoted to an integrated core of specialized and indepth studies from science and engineering.
- b. Supporting studies - To provide the necessary background for the core studies and professional objectives, 20-40% of the program may be selected from supporting disciplines.

- c. Authentic involvement - 20% or more of the program may be devoted to experiential learning or authentic involvement. Students may elect to serve as a team participant on a professionally oriented industrial project or as a consultant to industry on a special problem. Students interested in a research career or more advanced study will normally want to choose a research oriented thesis project.
- d. Free electives - To provide additional breadth in the degree program, up to 20% of the plan may be devoted to unconstrained, graduate level electives. It is recommended that part of the elective package be devoted to advanced study in art, humanities, or social science.

Management

The M.B.A. program in management is open to all qualified students with baccalaureate degrees from accredited colleges or universities.

Admission depends on the student's academic performance during his last two undergraduate years, or other evidence that he can succeed in graduate study. A satisfactory score on the Admission Test for Graduate Study in Business (ATGSB) or the Graduate Record Examination (GRE) is required of all graduate students.

Acceptance to graduate study is granted by the dean of the College of Management subject to approval by the Vice President for Academic Affairs. Applications should be directed to the Office of Admissions.

Students without management backgrounds must demonstrate their knowledge in the basic disciplines by completing up to 15 semester hours of leveling course work based upon experience and/or self study, by passing examinations in the foundations disciplines which include accounting, decision sciences, economics, finance, logistics, marketing, data systems, and basic administration.

The M.B.A. program in management at UT Permian is designed to help develop students for leadership positions in business, education, and government.

The formal program consists of 3 semester hours of graduate course work (9 of which may be taken in an area of specialization). The program outline is as follows:

Professional Fields of Study (Common Nucleus)	18 hours
I. Behavioral Sciences	3 hours
II. Decision Sciences	3 hours
III. Environmental Analysis	3 hours
IV. Organization Functions	9 hours

Incorporates subject matter from several fields such

as marketing, production, finance, logistics and information systems and combines these data and concepts into relevant, meaningful illustrations of problem solving in organizations.

The Integrative Core

6 hours

Study designed to focus on the inter-relations of the previous work completed in the professional fields. Work will involve courses in systems analysis and administrative policy as well as simulation gaming, and field projects.

The Professional Concentration

9 hours

Students may choose plans of study in a particular specialization consistent with personal interests and career objectives.

The Common Nucleus is required of all students. Some of the courses within the nucleus will be offered in a series of "mini-courses" or modules; when offered on an "Individually Programmed Instruction" basis, they may be taken according to the student's own timing.

The Professional Concentration core gives a student freedom to design a program to fit his needs and objectives. Areas of specialization include accounting, economics, finance, information systems, logistics, management, marketing, and decision science. Guided electives may be chosen from these areas as well as engineering, mathematics, psychology, political science, etc.

THE FACULTY

- B. H. Amstead, Professor of Engineering, and President of the University.
B.S., M.S., Ph.D. (1956), The University of Texas at Austin.
- Terryl J. Anderson, Associate Professor of Pedagogical Studies.
B.S., University of Colorado; M.B.A., Ed.D. (1967), Indiana University.
- J. Edwin Becht, Professor of Logistics, and Dean, College of Management.
B.S., Southern Illinois University; M.S., Ph.D. (1951), University of Illinois.
- Charles H. Bibart, Assistant Professor of Chemistry.
B.A. Hope College, Ph.D. (1973), Indiana University.
- Horace Bledsoe, Assistant Professor of Physics.
B.S., Ph.D. (1971), The University of Texas at Austin.
- John M. Burnham, Associate Professor of Management.
B.S., U.S. Merchant Marine Academy; B. Mech. Eng., George Washington University; M.S., Florida State University; Ph.D. (1970), The University of Texas at Austin.
- V. R. Cardozier, Professor of Higher Education and Behavioral Science, and Vice President for Academic Affairs.
B.S., M.S., Louisiana State University; Ph.D. (1952), Ohio State University.
- B. Robert Carlson, Associate Professor, and Chairman, Faculty of Physical Education and Health.
B.A., Trinity University; M.Ed., Ph.D. (1968), The University of Texas at Austin.
- Richard P. Carr, Jr., Associate Professor of Marketing.
B.B.A., M.B.A., University of Texas at Austin; M.A., Ph.D. (1972), Northwestern University.
- James L. Colwell, Professor of American Studies and American Literature, and Dean, College of Arts and Education.
B.A., University of Denver; M.A., University of Northern Colorado; M.A., Ph.D. (1961), Yale University.
- Thomas L. Dynneson, Assistant Professor of Pedagogical Studies.
B.S., M.Ed., Macalester College; Ph.D. (1972), University of Colorado.
- Charles Max Fry, Assistant Professor of Engineering.
B.S., University of Oklahoma; M.S., Rice University; Ph.D. (1973), Southern Methodist University.

- Robert Gerry, Associate Professor of Pedagogical Studies and Associate Director for Instructional Media Services, B.S., The University of California-Los Angeles; M.S., University of Southern California; Ph.D. (1967), The University of Texas at Austin.
- Thomas C. Gray, Associate Professor of Law Enforcement Management. B.A., Pomona College; M. Crim., Ph.D. (1974), University of California-Berkeley.
- Joel Greenspoon, Professor and Chairman, Faculty of Psychology. B.S., University of Virginia; M.A., University of Pennsylvania; Ph.D. (1952), Indiana University.
- Douglas F. Hale, Assistant Professor of Mathematics. B.A., M.A., Ph.D. (1969), Ohio State University.
- Lee Harrisberger, Professor of Engineering, and Dean, College of Science and Engineering. B.S., University of Oklahoma; M.S., University of Colorado; Ph.D. (1969), Purdue University.
- Edwin S. Harwood, Professor of Sociology and Chairman, Faculty of Anthropology and Sociology. B.A., Stanford University; M.A., Ph.D. (1966), University of Chicago.
- Frederic C. Haupt, Associate Professor of Chemistry. B.S., University of Florida; Ph.D. (1967), Harvard University.
- J. Marvin Higbee, Associate Professor of Educational Psychology, and Assistant to the Vice President for Academic Affairs. B.S., M.S., Brigham Young University; Ed.D. (1965), University of Southern California.
- Paul E. Hodges, Assistant Professor of Economics. B.A., M.A., New Mexico State University; Ph.D. (1974), Stanford University.
- Grant Peter Ienatsch, Assistant Professor of Pedagogical Studies. B.S., University of Wisconsin-Platteville; M.S., Northern Illinois University; Ph.D. (1973), University of Iowa.
- Robert F. Ihinger, Associate Professor of Pedagogical Studies. B.A., University of California-Riverside; M.A., Ph.D. (1970), Claremont Graduate School.
- R. Scott Irwin, Associate Professor of Pedagogical Studies. B.S., M.S., Kansas State Teachers College; Ph.D. (1970), The University of Texas at Austin.
- Julio A. Jimenez, Assistant Professor of Spanish. B.A., University of Havana; M.A., Roosevelt University; Ph.D. (1974), Northwestern University.

- Halsey R. Jones, Jr., Associate Professor and Chairman,
Faculty of Business Management.
B.A., University of Virginia; M.S., Ph.D. (1966),
Pennsylvania State University.
- Russell H. Johnson, Assistant Professor of Pedagogical
Studies.
B.A., Western Washington State College; M.A., California
State College-Los Angeles; Ed.D. (1973), Oregon State
University.
- Edwin C. Kettenbrink, Jr., Assistant Professor of Earth
Science.
B.S., M.S., University of Missouri-Rolla; Ph.D. (1971),
Stanford University.
- Gerald A. King, Associate Professor of Sociology.
B.A., Texas Christian University; Ph.D. (1971), Stanford
University.
- William A. King, Professor and Chairman, Faculty of Art.
B.A., M.A. (1951), University of Tulsa.
- Clarence D. Kron, Professor and Chairman, Faculty of
Pedagogical Studies.
B.S., Minot State College; M.A., Ed.D. (1966), Washington
State University.
- Edwin B. Kurtz, Professor and Chairman, Faculty of Life
Science.
B.S., M.S., University of Arizona; Ph.D. (1952),
California Institute of Technology.
- U. Vincent Manion, Associate Professor of Management.
B.A., Central Methodist College (Missouri); M.B.A.,
Stanford University; D.B.A. (1970), University of Oregon.
- Lawrence B. Marsh, Assistant Professor of Music.
B.A., M.Ed., Western Washington State College; D.M.A.
cand., University of Washington.
- Charles David McCally, Associate Professor of Theatre.
B.A., M.A. (1963), Baylor University.
- Robert H. McIntire, Professor of Management.
B.S., Oklahoma State University; M.S., University of
Colorado; Ph.D. (1968), University of Washington.
- Kevin-John H. McIntyre, Assistant Professor of Government,
and Assistant to the President.
B.A., Fordham University; M.A., Ph.D. (1972), Syracuse
University.
- Charles O. McKinney, Assistant Professor of Life Science.
B.S., The University of Texas at Austin; M.S., Texas
Tech University; Ph.D. (1969), University of Michigan.
- Don E. Miller, Associate Professor of Pedagogical Studies.
B.A., Roosevelt University; Ph.D. (1973), Syracuse
University.

- Patricia Ann Mulvey, Assistant Professor of History.
B.A., Marymount Manhattan College; M.A., City College
of New York; Ph.D. cand., City University of New York.
- Leonard N. Neufeldt, Associate Professor and
Chairman, Faculty of Literature.
B.A., Waterloo University College; M.S., Ph.D. (1966),
University of Illinois.
- Margaret R. M. Neussendorfer, Assistant Professor of Literature.
B.A., College of St. Scholastica; M.A., St. Louis
University; M.Phil., Ph.D. cand., Yale University.
- James A. Nickel, Professor of Mathematics, and Assistant
Dean, College of Science and Engineering.
B.A., Willamette University; M.S., Ph.D. (1959), Oregon
State University.
- Eugene A. Nini, Professor and Chairman, Faculty of Accountancy.
B.B.A., Lamar University; M.B.A., University of Arkansas;
Ph.D. (1966), Louisiana State University.
- Roger M. Olien, Associate Professor of History.
B.A., St. Olaf College; Ph.D. (1973), Brown University.
- James N. Olson, Assistant Professor of Psychology.
B.A., University of California-Santa Barbara; M.S., Ph.D.
(1974), University of California-Los Angeles.
- Harry Pachon, Assistant Professor of Government.
B.A., M.A., California State University at Los Angeles;
Ph.D. (1973), Claremont Graduate School.
- Dianne S. Peters, Associate Professor of Literature,
and Assistant Dean, College of Arts and Education.
B.A., University of Massachusetts; M.A., University of
Pennsylvania; Ph.D. (1969), University of Michigan.
- George H. Quentin, Associate Professor of Engineering.
B.Ch.E., Rensselaer Polytechnic Institute; M.S., Ph.D.
(1965), Iowa State University.
- Ronald F. Reimer, Associate Professor of Management.
B.S., M.B.A., Northeastern University; D.B.A. cand.,
Indiana University.
- Robert N. Rothstein, Associate Professor of Mass
Communications and Pedagogical Studies.
B.A., M.A., Ph.D. (1970), University of Colorado.
- Munro Shintani, Associate Professor of Special Education.
B.S., Coe College; M.A., Ph.D. (1967), University of
Iowa.
- J. Taylor Sims, Jr., Associate Professor of Marketing.
B.A., M.B.A., Texas Tech University; Ph.D. (1970),
University of Illinois.

- Wesley D. Simpson, Associate Professor of Art.
B.A., Kansas State University; B.F.A., M.F.A. (1968),
University of Nebraska.
- David W. Sloan, Associate Professor and Chairman, Faculty
of Music.
B.M., The University of Texas at Austin; M.M.Ed.,
Midwestern University; D.M.A. (1970), The University
of Texas at Austin.
- Kenneth M. Smith, Assistant Professor of Pedagogical Studies.
B.A., Lewis and Clark College; M.A., University of
Oregon; Ph.D. (1973), University of Wisconsin.
- Clyde H. Sprague, Associate Professor of Engineering.
B.S., M.S., Kansas State University; Ph.D. (1968),
Purdue University.
- J. Michael Sproule, Assistant Professor of Speech.
B.A., M.A., Ph.D. (1973), Ohio State University.
- Robert D. Taylor, Assistant Professor of Accountancy.
B.B.A., M.B.A., The University of Texas at Austin; D.B.A.
cand., University of Colorado.
- Juris Terauds, Assistant Professor of Physical Education and
Health.
B.S., University of Dubuque; M.A., California State
University-Los Angeles; Ph.D. (1972), University of
Maryland.
- James C. Tillapaugh, Assistant Professor of History.
B.S., M.A., University of Oregon; Ph.D. (1973),
Northwestern University.
- R. C. Thompson, Associate Professor of Business Law, and Vice
President for Business Affairs.
B.A., J.D. (1956), The University of Texas at Austin.
- Donald F. Toomey, Professor and Chairman, Faculty of Earth
Science.
B.S., M.S., University of New Mexico; Ph.D. (1964), Rice
University.
- Bernard M. Tucker, Associate Professor of Management.
B.I.E., Georgia Institute of Technology; M.B.A., Ph.D.
(1973), Georgia State University.
- J. Owen Weddle, Assistant Professor of Literature.
B.A., University of Wisconsin-Madison; M.A., University
of Washington; Ph.D. (1973), University of North
Carolina.
- James P. White, Assistant Professor of Creative Writing.
B.A., The University of Texas at Austin; M.A.,
Vanderbilt University; M.A. (1973), Brown University.
- Charlene Wisdom, Assistant Professor of Life Science.
B.S., Washington University; Ph.D. (1970), Northwestern
University.
- Kenneth C. Wolfe, Associate Professor of Business Law and
Management.
B.S., J.D. (1968), Ohio State University.

LECTURERS

- Herbert D. Bryant, Executive Assistant to the Dean, College of Arts and Education.
B.S., M.A. (1963), Eastern New Mexico University.
- D. L. Chappell, Director, Learning Resources Center.
B.S., Utah State University; M.S.L.S. (1962), University of Washington.
- Jose I. Garcia, Associate Director for Computer Services, Learning Resources Center.
B.A., B.S., M.S. (1972), New Mexico State University.
- H. W. Hise, Executive Director of Development.
B.A., Jackson College; M.A. (1966), George Washington University.
- Richard A. Jenson, Assistant Director for Library Services, Learning Resources Center.
B.S., M.S. (1971), Utah State University.
- Richard T. Keist, Executive Director of Student Services.
B.A., M.A., Michigan State University; Ph.D. (1970), Colorado State University.
- James J. Love, Chief of Police.
B.A., Lamar University; J.D. (1969), The University of Texas at Austin.

THE UNIVERSITY OF TEXAS OF THE PERMIAN BASIN
May 3, 1974 Meeting

RECOMMENDED AMENDMENTS TO THE 73-74 BUDGET

GENERAL ADMINISTRATION:

Accounting Division

1. Appoint Mr. James W. Russell as Director of Accounting (Code 1000), Accounting Division for period 1/17/74 - 8/31/74 at a salary rate of \$20,000 for a 12 month period. (RBC #167)

Purchasing Division

2. Appoint Mr. Jose Gasper Olguin as Director (Code 1000), Office of the Director of Purchasing for period of 2/1/74 - 8/31/74 at an annual salary rate of \$10,200. (RBC #182)

3. Terminate Dr. Milton D. Vaughn as Director of Administrative Services (Code 1000), Office of the Director of Purchasing, 1/3 time through 5/31/74 and full-time 6/1/74 - 8/31/74 effective close 1/31/74. (RBC #185)

RESIDENT INSTRUCTION:

Faculty, College of Management

4. Appoint Dr. Walter G. Austin (without tenure) as Visiting Professor of Accountancy for the period of 12/23/73 - 5/31/74 at an academic rate of \$17,100. Source of funds: Faculty Salaries. (RBC #168)

5. Appoint Dr. Richard P. Carr, Jr. (without tenure) as Associate Professor (Code 0020), for the period 1/1/74 - 5/31/74 at an academic rate of \$16,500 for a 9 month period. Source of funds: Faculty Salaries. (RBC #169)

6. Accept the resignation of Dr. Eugene Adolph Nini (without tenure) as Professor and Chairman, Faculty of Accounting with academic rate of \$21,000 effective close 12/31/73. (RBC #178)

7. Terminate Dr. Milton D. Vaughn, Associate Professor of Economics (Code 0020), Faculty, College of Management, 2/3 time 9/1/73 - 5/31/74 effective close 1/31/74. (RBC #184)

Faculty, College of Arts and Education

8. Appoint Mr. Jason M. Rogers (without tenure) as Lecturer (Code 0050), for the period of 1/16/74 - 5/31/74 at an academic rate of \$9000 for a 9 month period. Source of funds: Faculty Salaries. (RBC #175)

9. Appoint Dr. Ronald W. Long (without tenure) as Visiting Assistant Professor (Code 0032), for the period 1/10/74 - 5/31/74 at an academic rate of \$12,000 for a 9 month period. Source of funds: Faculty Salaries. (RBC #181)

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
Office of the President
March 26, 1974

Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the May 3, 1974 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Yours very truly,



PETER J. FLAWN



THE UNIVERSITY OF TEXAS
AT SAN ANTONIO

DA 11

BUSINESS CONTRACTS AND AGREEMENTS: Ratification is requested for the following:

1. Agreement between Baker and Taylor Company and The University of Texas at San Antonio of an automated (software) acquisitions system for library books and other library materials. The system will be installed for a charge of \$4,000.00 and an annual rental fee of \$10.00. The system is scheduled for installation beginning March 11, 1974, and is to be completed on or about May 28, 1974.

THE UNIVERSITY OF TEXAS
AT SAN ANTONIO
GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL)
May 3, 1974

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL): Approval is requested for the following:

National Science Foundation
Division of Pre-College Education in Science

OK

1. Grant No. GW-8456
Regional Curriculum Dissemination and Implementation Center
On a one year experimental basis, establish a Regional Curriculum Dissemination and Implementation Center which will participate in testing, evaluating, disseminating and implementing the rationale, philosophy, materials and pedagogy of a major curriculum development project for sixth-grade.
Thomas J. Cleaver, Professor of Education
February 1, 1974 through January 31, 1976
\$46,454.00
Bexar County

THE UNIVERSITY OF TEXAS
AT SAN ANTONIO
RECOMMENDED AMENDMENTS TO THE 1973-74 BUDGET
May 3, 1974

GENERAL ADMINISTRATION

Management Information Systems

1. Appoint Dr. Joseph E. Wilkinson as Director of Institutional Studies at an annual salary rate of \$20,000.00 for twelve months, effective April 1, 1974 through August 31, 1974. Funds needed are in the Administrative and Professional Salaries account. (RBC 87)

RESIDENT INSTRUCTION

College of Business

Division of Accounting and Business Data Systems

2. Appoint Mr. Dan H. Hanke (non-tenure), as Lecturer (33% time), at an academic salary rate of \$7,500.00 for nine months effective January 16, 1974 through May 31, 1974. (RBC 76)

Division of Management

3. Reappoint Dr. James L. Quinn (non-tenure), as Lecturer (67% time), at an academic salary rate of \$7,500.00 for nine months, effective January 16, 1974 through May 31, 1974. (RBC - Revised - 64)

4. Appoint Dr. Donald N. Soderberg (non-tenure), as Lecturer (33% time), at an academic salary rate of \$7,500.00 for nine months effective January 16, 1974 through May 31, 1974. (RBC 81)

College of Humanities and Social Sciences

Division of Social Sciences

5. Reappoint Dr. Leslie D. Zeleny (non-tenure), as Lecturer (67% time), at an academic salary rate of \$18,000.00 for nine months effective January 16, 1974 through May 31, 1974. (RBC - Revised - 65)

College of Multidisciplinary Studies

Division of Bicultural-Bilingual Studies

6. Appoint Dr. Barbara K. Gonzalez (non-tenure), as Lecturer (33% time), at an academic salary rate of \$10,800.00 for nine months effective January 16, 1974 through May 31, 1974. (RBC 75)

Division of Environmental Studies

7. Reappoint Dr. Joseph K. Garner (non-tenure), as Lecturer (33% time), at an academic salary rate of \$10,800.00 for nine months effective January 16, 1974 through May 31, 1974. (RBC 73)

LIBRARY

8. Appoint Miss Carmen Perry as Special Collections Catalog Librarian (50% time), at an annual salary rate of \$12,000.00 for twelve months, effective February 1, 1974 through August 31, 1974. Funds are available in the Administrative and Professional Salaries account. (RBC 82)

RECOMMENDED AMENDMENTS TO THE 1973-74 BUDGET: (continued)LIBRARY

9. Appoint Miss Judith F. Niles as Serials Librarian, at an annual salary rate of \$10,000.00 for twelve months, effective March 1, 1974 through August 31, 1974. Funds are available in Administrative and Professional Salaries account. (RBC 83)

BUDGET TRANSFERSTransfer of Funds

10. Amount of Transfer: \$22,824.87

From:	Library, Wages	\$	351.87
	Institute of Texan Cultures, Records, Classified Salaries		182.00
	Unallocated - Including Special Equipment		22,291.00
To:	Office of the Dean of Students, Wages	\$	351.87
	Office of Instructional Services, Travel		200.00
	Telephone Service, Wages		500.00
	Physical Plant, University Police, Wages		500.00
	Physical Plant, University Police, Travel		650.00
	Institute of Texan Cultures, Exhibits Fabrication and Design, Classified Salaries		182.00
	News and Information Office, Classified Salaries		441.00
	Office of Admissions, Maintenance and Operation		20,000.00
For:	To provide these departments with the additional funds necessary to meet their operational requirements. (RBC 84)		

11. Amount of Transfer: \$22,481.11

From:	Physical Plant, Unallocated, Maintenance and Operation	\$	5,000.00
	Division of Art and Design, Maintenance and Operation		3,000.00
	Unallocated, Including Special Equipment		14,481.11
To:	Office of the President, Classified Salaries	\$	360.00
	Office of the Vice President for Academic Affairs, Classified Salaries		800.00
	Telephone Service, Wages		500.00
	Division of Education, Classified Salaries		14.77
	Library, Classified Salaries		7,020.84
	Lease of Space		5,085.50
	Physical Plant, General Services, Maintenance and Operation		5,000.00
	News and Information Office, Travel		700.00
	College of Fine and Applied Arts, Office of the Dean, Maintenance and Operation		3,000.00
For:	To provide these departments with the necessary funds to meet their operational requirements. (RBC 80)		

BUDGET TRANSFERSTransfer of Funds

12. Amount of Transfer: \$6,475.00
- | | |
|---|-------------|
| From: Unallocated Faculty Salaries | \$ 6,475.00 |
| To: Division of Environmental Studies,
Faculty Salaries | \$ 6,475.00 |
| For: To restore needed funds previously appro-
priated that were transferred to Unallocated
Faculty Salaries in error. (RBC 59) | |

BUDGET ADJUSTMENTSTransfer of Funds

13. Amount of Transfer: \$4,000.00
- | | |
|---|-------------|
| From: Copier Service, Purchase of Materials
for Resale | \$ 4,000.00 |
| To: Copier Service, Equipment Rental | \$ 4,000.00 |
| For: To budget the funds necessary to meet
the additional operational requirements
of this department. (RBC 79) | |
14. Amount of Transfer: \$12,621.69
- | | |
|---|--------------|
| From: Print Shop Services, Credit for Printing
Services | \$ 12,621.69 |
| To: Print Shop Services, Classified
Salaries | \$ 7,621.69 |
| Print Shop Services, Maintenance and
Operation | 5,000.00 |
| For: To budget the funds necessary to meet the
additional operational requirements of
this department. (RBC 78) | |
15. Amount of Transfer: \$33,000.00
- | | |
|--|--------------|
| From: General Stores Services, Credit for Sales
and Services | \$ 33,000.00 |
| To: General Stores Services, Maintenance and
Operation | \$ 3,000.00 |
| General Stores Services, Purchase of
Materials for Resale | 30,000.00 |
| For: To budget the funds necessary to meet the
additional operational needs of this depart-
ment. (RBC 77) | |

1974 SUMMER SESSION

16. Approval of the following proposed 1974 Summer Session Budget in the amount of \$310,242.00 is requested. This amount is available from the allocation for the Summer Session in the 1973-74 Operating Budget and from the Unallocated Faculty Salaries account of that same budget.

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THE UNIVERSITY OF TEXAS AT SAN ANTONIO

RECOMMENDATIONS FOR SALARY BUDGET
FOR
SUMMER SESSION 1974

SAN ANTONIO, TEXAS

March 6, 1974

THE UNIVERSITY OF TEXAS AT SAN ANTONIO
SUMMARY OF 1974 SUMMER SESSION BUDGET
(ELEMENTS OF INSTITUTIONAL COST)

RESIDENT INSTRUCTION

Faculty Salaries \$ 310,242

SOURCE OF FUNDS

Summer Session Faculty Salaries in 1973-74 Budget \$ 302,983
Unallocated Faculty Salaries 7,259
TOTAL 1974 SUMMER SESSION BUDGET \$ 310,242

THE UNIVERSITY OF TEXAS AT SAN ANTONIO1974 SUMMER SESSION BUDGET

First Term: June 1 - July 15

Second Term: July 16 - August 31

RESIDENT INSTRUCTIONCOLLEGE OF BUSINESS

Division of Accounting & Business Data Systems	\$ 15,450
Division of Economics and Finance	17,992
Division of Management	<u>26,766</u>

Total College of Business	<u>60,208</u>
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COLLEGE OF FINE AND APPLIED ARTS

Division of Art and Design	12,209
Division of Music	<u>6,000</u>

Total College of Fine and Applied Arts	<u>18,209</u>
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COLLEGE OF HUMANITIES & SOCIAL SCIENCES

Division of English, Classics & Philosophy	11,242
Division of Foreign Languages	11,075
Division of Social Sciences	<u>17,609</u>

Total College of Humanities & Social Sciences	<u>39,926</u>
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COLLEGE OF MULTIDISCIPLINARY STUDIES

Division of Education	82,473
Division of Bicultural-Bilingual Studies	23,375
Division of Enviromental Studies	<u>30,625</u>

Total College of Multidisciplinary Studies	<u>136,473</u>
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COLLEGE OF SCIENCES AND MATHEMATICS

Division of Earth and Life Sciences	21,434
Division of Mathematics & Systems Design	27,425
Division of Physical Sciences	<u>6,567</u>

Total College of Sciences and Mathematics	<u>55,426</u>
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TOTAL 1974 SUMMER SESSION BUDGET	<u>\$ 310,242</u>
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1974 SUMMER SESSION BUDGET

COLLEGE OF BUSINESS

Item No.	Payroll Title - Name	9 Month Rate	1st Term 6-1/7-15		2nd Term 7-16/8-31		Total Salary
			% Time	Salary	% Time	Salary	
DIVISION OF ACCOUNTING AND BUSINESS DATA SYSTEMS 014-0210-0020							
<u>0010 Professor and Director</u>							
1.	Leslie J. McNelis	T \$19,350	100	\$ 3,225	100	\$ 3,225	\$ 6,450
<u>0020 Associate Professor</u>							
2.	_____	18,000	100	3,000	100	3,000	6,000
3.	_____	18,000	...	...	100	3,000	3,000
Sub-total				<u>\$ 6,225</u>		<u>\$ 9,225</u>	<u>\$15,450</u>
DIVISION OF ECONOMICS AND FINANCE 014-0220-0020							
<u>0010 Professor and Director</u>							
1.	Dale B. Truett	T 18,675	100	3,112	100	3,113	6,225
<u>0012 Visiting Professor</u>							
2.	Frank R. Keller	18,700	100	3,116	100	3,117	6,233
<u>0020 Associate Professor</u>							
3.	Paul N. Bartlett, Jr.	16,600	100	<u>2,767</u>	100	<u>2,767</u>	<u>5,534</u>
Sub-total				<u>\$ 8,995</u>		<u>\$ 8,997</u>	<u>\$17,992</u>
DIVISION OF MANAGEMENT 014-0230-0020							
<u>0010 Professor and Director</u>							
1.	William D. Litzinger	T 22,500	100	3,750	100	3,750	7,500
<u>0020 Associate Professor</u>							
2.	Richard B. Wadsworth	17,600	100	2,933	...	...	2,933
3.	_____	16,600	100	2,767	100	2,767	5,534
<u>0030 Assistant Professor</u>							
4.	Patricia L. Burr	14,000	100	2,333	...	...	2,333
5.	_____	14,000	...	...	100	2,333	2,333
6.	_____	14,000	...	...	100	2,333	2,333
<u>0040 Instructor</u>							
7.	Charles D. Porterfield	11,400	100	<u>1,900</u>	100	<u>1,900</u>	<u>3,800</u>
Sub-total				<u>\$13,683</u>		<u>\$13,083</u>	<u>\$26,766</u>
TOTAL COLLEGE OF BUSINESS				<u>\$28,903</u>		<u>\$31,305</u>	<u>\$60,208</u>

1974 SUMMER SESSION BUDGETCOLLEGE OF FINE AND APPLIED ARTS

Item No.	Payroll Title - Name	9 Month Rate	1st Term 6-1/7-15		2nd Term 7-16/8-31		Total Salary
			% Time	Salary	% Time	Salary	
DIVISION OF ART AND DESIGN 014-0510-0020							
<u>0010 Professor and Director</u>							
1.	Leonard Lehrer	T \$20,625	100	\$ 3,437	100	\$ 3,438	\$ 6,875
<u>0020 Associate Professor</u>							
2.	_____	16,000	...	...	100	2,667	2,667
3.	_____	16,000	...	...	100	2,667	2,667
Sub-total				\$ 3,437		\$ 8,772	\$12,209
DIVISION OF MUSIC 014-0520-0020							
<u>0010 Professor and Director</u>							
1.	Gordon H. Lamb	T \$18,000	100	\$ 3,000	100	\$ 3,000	\$ 6,000
TOTAL COLLEGE OF FINE AND APPLIED ARTS				\$ 6,437		\$11,772	\$18,209

1974 SUMMER SESSION BUDGETCOLLEGE OF HUMANITIES AND SOCIAL SCIENCES

Item No.	Payroll Title - Name	9 Month Rate	1st Term 6-1/7-15		2nd Term 7-16/8-31		Total Salary
			% Time	Salary	% Time	Salary	
DIVISION OF ENGLISH, CLASSICS AND PHILOSOPHY 014-0810-0020							
<u>0010 Professor and Director</u>							
1.	Alan E. Craven	T \$18,675	100	\$ 3,112	100	\$ 3,113	\$ 6,225
<u>0020 Associate Professor</u>							
2.	Curtis W. Hayes	T 16,100	100	2,684	...	...	2,684
3.	John A. Stoler	14,000	...	...	100	2,333	2,333
Sub-total				\$ 5,796		\$ 5,446	\$11,242
DIVISION OF FOREIGN LANGUAGES 014-0820-0020							
<u>0010 Professor and Director</u>							
1.	Ricardo F. Benavides	T 18,675	100	3,112	100	3,113	6,225
<u>0020 Associate Professor</u>							
2.	Frank Pino, Jr.	13,500	...	...	100	2,250	2,250
3.	R. Joe Campbell	15,600	100	2,600	...	...	2,600
Sub-total				\$ 5,712		\$ 5,363	\$11,075
DIVISION OF SOCIAL SCIENCES 014-0830-0020							
<u>0010 Professor and Director</u>							
1.	Thomas C. Greaves	T 18,675	100	3,112	100	3,113	6,225
<u>0020 Associate Professor</u>							
2.	Felix D. Almaraz, Jr.	14,500	100	2,417	...	...	2,417
<u>0030 Assistant Professor</u>							
3.	Thomas R. Hester	11,400	100	1,900	...	...	1,900
4.	Michael H. Jost	11,400	100	1,900	...	...	1,900
5.	Woodruff D. Smith	13,000	...	...	100	2,167	2,167
<u>0050 Lecturer</u>							
6.	Leslie D. Zeleny	18,000	...	...	100	3,000	3,000
Sub-total				\$ 9,329		\$ 8,280	\$17,609
TOTAL COLLEGE OF HUMANITIES AND SOCIAL SCIENCES				\$20,837		\$19,089	\$39,926

1974 SUMMER SESSION BUDGETCOLLEGE OF MULTIDISCIPLINARY STUDIES

Item No.	Payroll Title - Name	9 Month Rate	1st Term 6-1/7-15		2nd Term 7-16/8-31		Total Salary
			% Time	Salary	% Time	Salary	
DIVISION OF EDUCATION 014-1210-0020							
<u>0010 Professor and Director</u>							
1.	Robert T. Alciatore	T \$18,675	100	\$ 3,112	100	\$ 3,113	\$ 6,225
<u>0010 Professor</u>							
2.	Thomas J. Cleaver	T 20,700	100	3,450	50	1,725	5,175
3.	Dewey D. Davis	T 19,100	100	3,183	100	3,183	6,366
4.	Wayne W. Laughery	T 18,100	100	3,016	100	3,016	6,032
5.	Elwood B. Traylor	T 18,100	100	3,016	100	3,016	6,032
6.	Paul H. Westmeyer	T 18,700	100	3,116	100	3,117	6,233
7.	_____	18,000	100	3,000	100	3,000	6,000
<u>0020 Associate Professor</u>							
8.	Stephen W. Brown	15,600	100	2,600	100	2,600	5,200
9.	_____	15,000	100	2,500	100	2,500	5,000
10.	_____	15,000	100	2,500	100	2,500	5,000
11.	_____	15,000	100	2,500	100	2,500	5,000
12.	_____	15,000	100	2,500	100	2,500	5,000
<u>0030 Assistant Professor</u>							
13.	Simon L. Orta	12,500	100	2,083	100	2,083	4,166
14.	Berry Sutherland	14,000	100	2,333	100	2,333	4,666
15.	Kenneth W. Wunderlich	12,500	100	2,083	100	2,083	4,166
16.	Larrie E. Gale	13,275	50	<u>1,106</u>	50	<u>1,106</u>	<u>2,212</u>
Sub-total				<u>\$42,098</u>		<u>\$40,375</u>	<u>\$82,473</u>
DIVISION OF BICULTURAL-BILINGUAL STUDIES 014-1220-0020							
<u>0010 Professor and Director</u>							
1.	Albar A. Pena	T 20,175	100	3,362	100	3,363	6,725
<u>0012 Visiting Professor</u>							
2.	William F. Mackey	18,000	...	...	100	3,000	3,000
<u>0020 Associate Professor</u>							
3.	Peter A. Helfert	16,600	100	2,767	100	2,767	5,534
<u>0030 Assistant Professor</u>							
4.	Mauricio Charpenel	13,500	...	...	100	2,250	2,250

1974 SUMMER SESSION BUDGETCOLLEGE OF MULTIDISCIPLINARY STUDIES (Cont.)

Item No.	Payroll Title - Name	9 Month Rate	1st Term 6-1/7-15		2nd Term 7-16/8-31		Total Salary
			% Time	Salary	% Time	Salary	
DIVISION OF BICULTURAL-BILINGUAL STUDIES (Cont.)							
<u>0050 Lecturer</u>							
5.	Barbara M. Gonzalez	\$10,800	58	\$ 1,050	58	\$ 1,050	\$ 2,100
6.	Gloria Zamora	11,300	100	<u>1,883</u>	100	<u>1,883</u>	<u>3,766</u>
Sub-total				<u>\$ 9,062</u>		<u>\$14,313</u>	<u>\$23,375</u>
DIVISION OF ENVIRONMENTAL STUDIES 014-1230-0020							
<u>0010 Professor and Director</u>							
1.	Chia S. Shih	T 19,425	100	3,237	100	3,238	6,475
<u>0020 Associate Professor</u>							
2.	J. Leland Hepworth	16,600	100	2,767	100	2,767	5,534
<u>0030 Assistant Professor</u>							
3.	Richard R. Tangum	14,000	100	2,333	100	2,333	4,666
<u>0050 Lecturer</u>							
4.	David L. Davidson	10,800	...	...	58	1,050	1,050
5.	Robert B. Hunter	10,800	58	1,050	...	...	1,050
6.	Joseph K. Garner	10,800	58	1,050	...	...	1,050
7.	Jose N. Uranga	10,800	58	1,050	58	1,050	2,100
8.	Boone Powell	10,800	58	1,050	...	...	1,050
9.	Louis A. Ruybalid	10,800	...	...	58	1,050	1,050
10.	John Fletcher	10,800	...	...	58	1,050	1,050
11.	Henry Cisneros	13,500	100	2,250	100	2,250	4,500
12.	C. Thomas Koch	10,800	...	<u>...</u>	58	<u>1,050</u>	<u>1,050</u>
Sub-total				<u>\$14,787</u>		<u>\$15,838</u>	<u>\$30,625</u>
TOTAL COLLEGE OF MULTIDISCIPLINARY STUDIES				<u>\$65,947</u>		<u>\$70,526</u>	<u>\$136,473</u>

1974 SUMMER SESSION BUDGETCOLLEGE OF SCIENCES AND MATHEMATICS

Item No.	Payroll Title - Name	9 Month Rate	1st Term 6-1/7-15		2nd Term 7-16/8-31		Total Salary
			% Time	Salary	% Time	Salary	
DIVISION OF EARTH AND LIFE SCIENCES 014-1520-0020							
<u>0010 Professor and Director</u>							
1.	J. Homer Ferguson	T \$18,675	100	\$ 3,112	100	\$ 3,113	\$ 6,225
<u>0020 Associate Professor</u>							
2.	Theodore D. McKinney	15,600	100	2,600	100	2,600	5,200
3.	Helen V. Oujesky	15,500	100	2,583	50	1,292	3,875
<u>0030 Assistant Professor</u>							
4.	M. Neal Guentzel	12,400	100	2,067	100	2,067	4,134
5.	Cecilio R. Barrera	12,000	100	<u>2,000</u>	...	<u>...</u>	<u>2,000</u>
Sub-total				<u>\$12,362</u>		<u>\$ 9,072</u>	<u>\$21,434</u>
DIVISION OF MATHEMATICS AND SYSTEMS DESIGN 014-1530-0020							
<u>0010 Professor and Director</u>							
1.	Stanley G. Wayment	T 18,675	100	3,112	100	3,113	6,225
<u>0020 Associate Professor</u>							
2.	Lucio Tavernini	T 16,500	100	2,750	100	2,750	5,500
3.	William B. Gearheart	T 15,700	100	2,617	100	2,617	5,234
<u>0030 Assistant Professor</u>							
4.	David G. Tabor	13,500	100	2,250	100	2,250	4,500
<u>0032 Visiting Assistant Professor</u>							
5.	George Barnwell	12,000	50	1,000	50	1,000	2,000
<u>0040 Instructor</u>							
6.	Thomas H. Woteki	11,900	100	<u>1,983</u>	100	<u>1,983</u>	<u>3,966</u>
Sub-total				<u>\$13,712</u>		<u>\$13,713</u>	<u>\$27,425</u>
DIVISION OF PHYSICAL SCIENCES 014-1540-0020							
<u>0010 Professor</u>							
1.	Charles Howard	T 16,600	100	2,767	50	1,384	4,151
<u>0020 Associate Professor</u>							
2.	Richard F. Sweet	14,500	100	<u>2,416</u>	...	<u>...</u>	<u>2,416</u>
Sub-total				<u>\$ 5,183</u>		<u>\$ 1,384</u>	<u>\$ 6,567</u>
TOTAL COLLEGE OF SCIENCES AND MATHEMATICS				<u>\$31,257</u>		<u>\$24,169</u>	<u>\$55,426</u>

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS
5323 Harry Hines Boulevard, Dallas, Texas 75235

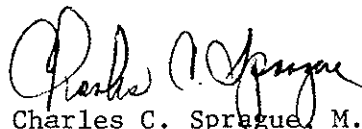
Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the May 3, 1974 meeting of the Board of Regents
is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,


Charles C. Sprague, M.D.
President



THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS

BOARD OF REGENTS MEETING - MAY 3, 1974

GIFTSDALLAS MEDICAL SCHOOL

<u>Donor</u>	<u>Amount</u>
American Cancer Society Texas Division, Inc. P. O. Box 9863 Austin, Texas 78766	
1. <u>Purpose and Condition.</u> Establishment and support for a professorship of clinical oncology to be occupied by Dr. Eugene P. Frenkel, Department of Internal Medicine.	\$6,250.00
Florence Latz Charitable Trust Fund 666 Fifth Avenue New York, New York 10019	
* 2. <u>Purpose and Condition.</u> Gift represented by the sale of 915 shares of common stock of Seligman & Latz, Inc., given to The University of Texas Southwestern Medical School for use by Dr. Roger Unger, Department of Internal Medicine, in his diabetes research.	\$8,046.98
The McDermott Foundation 3300 Republic Bank Tower Dallas, Texas 75201	
3. <u>Purpose and Condition.</u> Gift for furnishings and interior enhancement of The Eugene McDermott Academic and Administration Building (net proceeds from the sale of 718 shares of Texas Instruments Incorporated Common Stock).	\$67,073.66
Southwestern Medical Foundation 1601 Republic National Bank Building Dallas, Texas 75201	
4. <u>Purpose and Condition.</u> Supplemental funds to be used in recruiting Dr. L. Max Buja, an outstanding pathologist, and to further the study of cancer by purchasing a high resolution electron microscope for research use under the direction of Dr. Vernie Stembridge, Department of Pathology.	\$30,000.00
5. <u>Purpose and Condition.</u> Funds for support and maintenance of the Margaret Milam McDermott Chair of Anesthesiology	\$17,007.52

* Original Award Letter Not Received

GIFTS - Continued

DALLAS MEDICAL SCHOOL - Continued

<u>Donor</u>	<u>Amount</u>
Southwestern Medical Foundation 1601 Republic National Bank Building Dallas, Texas 75201	
6. <u>Purpose and Condition.</u> Funds for the support and maintenance of the Virginia Lazenby O'Hara Chair in Biochemistry.	\$8,622.85
7. <u>Purpose and Condition.</u> Fifth payment of Southwestern Medical Foundation's Development Program for The University of Texas Southwestern Medical School Phase I Building Program.	\$605,198.00
The Upjohn Company Kalamazoo, Michigan 49001	
8. <u>Purpose and Condition.</u> Support for the establishment of an "Upjohn Fellowship in Clinical Pharmacology" under the direction of Dr. William A. Pettinger, Department of Pharmacology.	\$12,500.00

Misc.

200

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL)

22 + 7

DALLAS MEDICAL SCHOOL

Abbott Laboratories
Abbott Park
North Chicago, Illinois 60064

1. Research Grant
"Surgical Patients Nitrogen Balance Compared with Dextrose 5% in Water." A clinical drug study.
P. William Curreri, M.D., Department of Surgery
\$12,650.00

American Cancer Society
1435 Round Table
Dallas, Texas 75247

2. Research Grant
"Development of Continuing Education Materials Related to Care of Ostomates." Preparation of teaching materials for all levels of personnel.
Fred L. Christen, Ph.D., Department of Instructional Communications
\$3,600.00

American Medical Association
535 N. Dearborn Street
Chicago, Illinois 60610

3. Training Grant
"Training Vietnamese Faculty." Training of Vietnamese physicians by the Department of Pediatrics.
H. F. Eichenwald, M.D., Department of Pediatrics
January 1, 1974 through March 31, 1974
\$5,750.00

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL) - Continued

DALLAS MEDICAL SCHOOL - Continued

American Medical Association
Education and Research Foundation
535 North Dearborn Street
Chicago, Illinois 60610

4. Research Grant
"Interaction of Nicotine with Cellular Transport Systems in Muscle and Nerve." Study of the action of nicotine at the cellular level.
George B. Weiss, Ph.D., Department of Pharmacology
February 1, 1974 through January 31, 1975
\$33,250.00

The Arthritis Foundation
1212 Avenue of the Americas
New York, New York 10036

5. Postdoctoral Fellowship
Mario Andreis, M.D., Department of Internal Medicine
January 1, 1974 through December 31, 1974
\$9,000.00
6. Postdoctoral Fellowship
Moshe Rosenthal, M.D., Department of Internal Medicine
December 15, 1973 through December 15, 1974
\$9,500.00
7. Postdoctoral Fellowship
Robert E. Wolf, M.D., Department of Surgery
July 1, 1974 through June 30, 1975
\$11,500.00

Beecham-Massengill Pharmaceuticals
501 Fifth Street
Bristol, Tennessee 37620

8. Research Grant
"Pharmacokinetics of Ticarcillin in Neonates." A drug study.
John D. Nelson, M.D., Department of Pediatrics
\$17,186.00

The Burroughs Wellcome Fund
3030 Cornwallis Road
Research Triangle Park, N.C.

9. The Burroughs Wellcome Fund Clinical Pharmacology Award for 1974
Scholar in Clinical Pharmacology for 1974
William A. Pettinger, M.D., Department of Pharmacology
July 1, 1974 through June 30, 1979
\$150,000.00

Clinical Resources Inc.
2 Hammarckjold Plaza
New York, N.Y. 10017

10. Research Grant
"L5418 Drug Trial." A drug study.
Morris Ziff, M.D., Department of Internal Medicine
\$6,000.00

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL) - Continued

DALLAS MEDICAL SCHOOL - Continued

Dallas Area Respiratory Health Association
3925 Maple Avenue
Dallas, Texas 75219

- * 11. Grant
Support used to build and equip a portable learning carrell to teach skills required and used in respiratory therapy by the Department of Instructional Communications.
Fred L. Christen, Ph.D., Department of Instructional Communications
\$2,100.00

Hoffmann-La Roche Inc.
Nutley, New Jersey 07110

12. Research Grant
"Bactrim Versus Ampicillin in the Therapy of Pneumococcal Pneumonia." A drug study.
W. G. Johanson, Jr., M.D., Department of Internal Medicine
\$19,762.00

The Lilly Research Laboratories
Indianapolis, Indiana 46206

13. Research Grant No. 5627D/09
"Antibiotic Concentration in Septic Joint Effusions with Orally Administered Drugs." A drug study.
John D. Nelson, M.D., Department of Pediatrics
July 1, 1974 through June 30, 1975
\$8,177.00

Mallinckrodt
Second and Mallinckrodt Streets
St. Louis, Missouri 63160

14. Research Grant
"Testing of RIA-Mat™ Angiotensin I Diagnostic Kit." A drug study.
Norman M. Kaplan, M.D., and David C. Kem, M.D., Department of Internal Medicine
\$6,325.00

Medical Innovations, Inc.
332 Second Avenue
Waltham, Massachusetts 02154

15. Research Grant
"Radioactive Myocardial Scans for Determining the Size of Myocardial Infarction."
James Willerson, M.D., Department of Internal Medicine
\$2,000.00

National Science Foundation
Washington, D.C. 20550

16. Research Grant GB-41851, Proposal No. P3B3420
"Metabolic Control and Immobilized Enzymes." Study of enzymes within a cell as they affect cellular functions.
Paul A. Srere, Ph.D., Department of Biochemistry
February 1, 1974 through July 31, 1976
\$40,000.00

* Original Award Letter Not Received

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL) - Continued

DALLAS MEDICAL SCHOOL - Continued

National Science Foundation
Washington, D.C. 20550

17. Research Grant GB-42212, Proposal No. P4B0697
"Involvement of tRNA and Structural Gene Products in Enzyme Repression in Yeast." An enzyme study.
Arthur P. Bollion, Ph.D., Department of Biochemistry
March 15, 1974 through August 31, 1976
\$40,000.00

Parke-Davis
2800 Plymouth Road
Ann Arbor, Michigan 48106

18. Research Grant
"Clinical Study of Minocycline in Soft Tissue Infections."
A drug study.
James H. Herndon, Jr., M.D., Department of Internal Medicine
\$2,849.00

The Procter & Gamble Company
P. O. Box 39175
Cincinnati, Ohio 45239

19. Research Grant
Additional support for the studies to determine the effectiveness of the diphosphonate EHDP in the treatment of renal stones.
Charles Y. C. Pak, M.D., Department of Internal Medicine
\$7,500.00

The Robert A. Welch Foundation
2010 Bank of the Southwest Building
Houston, Texas 77002

20. Renewal Grant No. I-454
"Lipid Chemistry of Biomembranes." Study of phosphorous-containing lipids.
Charles E. Mize, M.D., Department of Biochemistry
May 1, 1974 through April 30, 1976
\$24,000.00
21. Renewal Grant No. I-510
"Oxidative Decarboxylation of α -Ketoglutarate." An enzyme study.
Tracy C. Linn, Ph.D., Department of Biochemistry
May 1, 1974 through April 30, 1976
\$20,000.00
22. Renewal Grant No. I-038
"Chemical Mechanisms of Protein Metabolism." An amino acid study.
Donald S. Wiggins, Ph.D., Department of Biochemistry
May 1, 1974 through April 30, 1976
\$24,000.00
23. Renewal Grant No. I-334
"Immunosuppression by L-Asparaginase: Chemical Aspects."
An enzyme study.
Morton Prager, Ph.D., Department of Biochemistry
May 1, 1974 through April 30, 1976
\$24,000.00

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL) - Continued

DALLAS MEDICAL SCHOOL - Continued

Southwest Foundation for Research and Education
P. O. Box 28147
San Antonio, Texas 78284

- * 24. Research Grant
"A Study of Gonadotropin Releasing Factors." Study of the chemical nature and physiological significance of the hypothalamic gonadotropin releasing factors.
Samuel M. McCann, M.D., Department of Physiology
\$19,234.00

United Cerebral Palsy
Research and Educational Foundation, Inc.
66 East 34th Street
New York, New York 10016

25. Research Grant
"Epidemiology and Pathogenesis of Neonatal E. Coli Meningitis." Neonatal meningitis study.
George H. McCracken, Jr., M.D., Department of Pediatrics
\$20,712.00

The Upjohn Company
Kalamazoo, Michigan 49001

26. Research Grant
"Oral Prostaglandin E₂ for the Induction of Labor." A drug study.
F. Gary Cunningham, M.D., Department of Obstetrics and Gynecology
\$18,750.00

* 27. A lease agreement whereby The University of Texas Southwestern Medical School, Department of Obstetrics and Gynecology - Family Planning Project, leases from the 2600 Stemmons Freeway Company of Dallas approximately 4,399 square feet of space located in Building I at 2600 Stemmons Freeway, Suites 127-131, Dallas, Texas, for a term of thirty-four and one-half months commencing February 15, 1974 at a rental rate of \$1,742.00 per month with an additional \$3,700.00 to be paid by Tenant upon completion of plumbing work agreed on by both parties; this space will be used for expansion of Family Planning Central Office and/or a clinic site to see private patients of the Obstetrics and Gynecology Department.

* 28. A lease renewal whereby The University of Texas Southwestern Medical School agrees to renew their lease with Vantage Management Company for approximately 6,750 square feet of warehouse space located at 2404 Irving Boulevard, Dallas, Texas, for a 12-month period commencing April 1, 1974 and expiring March 31, 1975 at a rental rate of \$798.75 per month; also an extension agreement whereby The University of Texas Southwestern Medical School extends their lease under a Holdover Clause in the original lease with Vantage Management Company for a warehouse at 2303 Farrington, Dallas, Texas, for approximately \$1.27 per square foot per year.

GRANTS, CONTRACTS, AND AGREEMENTS (STATE)DALLAS HEALTH SCIENCE CENTER

1. Interagency Cooperation Contract IAC (74-75)-0707 whereby The University of Texas Health Science Center at Dallas - North Texas Regional Computer Center will provide Computer Center services for East Texas State University for the period January 1, 1974 through August 31, 1974 for remuneration to not exceed \$5,000.00

* Originals Not Received

GRANTS, CONTRACTS, AND AGREEMENTS (STATE) - Continued

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DALLAS HEALTH SCIENCE CENTER - Continued

2. Interagency Cooperation Contract IAC (74-75)-0743 whereby the Office of Information Services, Executive Department, will through the Texas Agency Network (TEX-AN), provide in-state long distance voice telephone services and digital network services for The University of Texas Health Science Center at Dallas for the period ~~January 1, 1974~~ to August 31, 1975 for an estimated cost of \$47,600.00. ^{February 8,}

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS

FEDERAL CONTRACTS AND GRANTS

BOARD OF REGENTS MEETING - MAY 3, 1974

DALLAS HEALTH SCIENCE CENTER

Department of Health, Education and Welfare
Regional Medical Programs

1. Contract under the Department of Health, Education and Welfare Regional Medical Programs Service Grant No. 5 G03 RM00007-06 Texas Regional Medical Program, Inc. whereby the Office of Continuing Education, The University of Texas Health Science Center at Dallas agrees to upgrade professional information systems for the Texas Regional Medical Program, Incorporated. This service grant is under the direction of George J. Race, M.D., Ph.D., Associate Dean for Continuing Education for the period January 1, 1974 through June 17, 1974 for remuneration in the amount of \$20,000.

DALLAS ALLIED HEALTH SCIENCES SCHOOL

Department of Health, Education and Welfare
Public Health Service

1. Contract No. R6-PHS-3-74
"Short Term Training Project for Licensed Vocational Nurses Working in Long Term Care Facilities." Grant to develop a curriculum for improving the capability of LVN's working in nursing homes.
Frances F. Price, Ph.D., Department of Rehabilitation Services
February 1, 1974 through March 15, 1975
Not to exceed \$3,000.00
Dallas County

DALLAS MEDICAL SCHOOL

Department of Health, Education and Welfare
Public Health Service

1. Research Grant 5 R01 CA11113-06
"Tumor Inhibitory Enzymes." A continuation grant. An enzyme study.
Morton D. Prager, Ph.D., Department of Surgery
February 1, 1974 through January 31, 1975
\$30,589.00
Dallas County
2. Research Grant 5 R01 AI11278-02
"Pathogenesis and Immunology of Neisseria Gonorrhoea." A continuation grant. Study of the immunology and attributes of gonorrhoea.
Richard A. Finkelstein, Ph.D., Department of Microbiology
February 1, 1974 through January 31, 1975
\$14,121.00
Dallas County

FEDERAL CONTRACTS AND GRANTS - Continued

DALLAS MEDICAL SCHOOL - Continued

Department of Health, Education and Welfare
Public Health Service

3. Research Grant 7 RO1 CA16379-01 formerly 5 RO1 CA13269-02
"Experimental Cancer Chemotherapy of Neuroblastoma." Study of the effectiveness of a series of new folic acid analogues.
Roger N. Rosenberg, M.D., Department of Neurology
February 1, 1974 through January 31, 1975
\$48,100.00
Dallas County
4. General Research Support Grant 5 SO1 RR05426-13
F. J. Bonte, Dean
January 1, 1974 through December 31, 1974
\$252,822.00
Dallas County
5. Research Grant 1 RO1 AI11893-01
"Specific Activation of T and B Lymphocytes." Study of the relations of antibody formation by clones of both types of lymphocytes.
John R. Kettman, Ph.D., Department of Microbiology
February 1, 1974 through January 31, 1975
\$31,500.00
Dallas County
6. General Research Support Grant 3 SO1 RR05426-12S1
F. J. Bonte, Dean
January 1, 1973 through December 31, 1973
\$217,432.00
Dallas County
7. Project Identification No. 06-H-000079-07-3
"Dallas Children and Youth Project." Supplemental award.
Heinz Eichenwald, M.D., Department of Pediatrics
April 1, 1973 through June 30, 1974
\$78,169.00
Dallas County
8. Training Grant 3 D08 PE 00026-05S1
"Health Professions Special Project Grant Program." Supplemental award.
Charles C. Sprague, M.D., President
July 1, 1973 through June 30, 1974
\$62,778.00
Dallas County
- * 9. Research Grant 5 RO1 HL14938-02
"Studies of Contractile Proteins of Heart muscle." Revised award.
E. Glen Richards, Ph.D., Department of Internal Medicine
September 1, 1973 through August 31, 1974
\$19,504.00 (a reduction of \$7,017 from original award)
Dallas County
- * 10. Research Grant 1 RO1 AI11879-01
"Polymorphism of a Major Histocompatibility Complex in the Mouse."
A gene study in wild mice.
Jan Klein, Ph.D., Department of Microbiology
February 1, 1974 through January 31, 1975
\$45,000.00
Dallas County

* Original Award Letter Not Received

FEDERAL CONTRACTS AND GRANTS - Continued

DALLAS MEDICAL SCHOOL - Continued

Department of Health, Education and Welfare
Public Health Service

11. Research Grant 5 R01 GM19036-06
"Regulation of Microbial Oxidation Reactions." Study of the mechanism of cytochrome P-450 catalyzed reactions.
Julian A. Peterson, Ph.D., Department of Biochemistry
April 1, 1974 through March 31, 1975
\$20,713.00
Dallas County
12. Research Grant 1 P01 AI11851-01
"The Biology and Biochemistry of the Lymphocyte Surface." Investigation of composition, structure and chemistry of antibody sites of T and B lymphocytes.
Jonathan W. Uhr, M.D., Department of Microbiology
March 1, 1974 through February 28, 1975
\$315,892.00
Dallas County
13. Project Identification No. 06-H-000074-06-0
"Greater Dallas Family Planning Project."
Uel D. Crosby, M.D., Department of Obstetrics and Gynecology
January 1, 1974 through December 31, 1974
\$830,834.00
Dallas County
14. Research Grant 1 R01 AM16209-01
"Role of Immune Complexes in Chronic Inflammation." Study of the mechanisms responsible for the maintenance of chronicity in inflammatory processes produced by local deposition of antigen.
Hugo E. Jasin, M.D., Department of Internal Medicine
March 1, 1974 through February 28, 1975
\$19,794.00
Dallas County
- ** 15. Research Grant 3 P17 HL14187-04S1
"University of Texas Center for Lung Research in Dallas." Supplemental award.
Sami I. Said, M.D., Department of Internal Medicine
February 1, 1974 through November 30, 1974
\$216,243.00
Dallas County
16. Training Grant 3 T01 AI00337-07S1
"Pediatric Infectious Disease and Immunology." Supplemental award.
John D. Nelson, M.D., Department of Pediatrics
April 1, 1974 through June 30, 1974
\$2,777.00
Dallas County
17. Contract No. N01 CP 12135, Modification No. 4
Biohazards Information Gathering Center
Contract modification extends the period of performance to December 31, 1974
Robert M. Pike, Ph.D., Department of Microbiology
No additional funds involved.

** No Letter of Transmittal

FEDERAL CONTRACTS AND GRANTS - Continued

DALLAS MEDICAL SCHOOL - Continued

Department of Health, Education and Welfare
Public Health Service

18. Contract No. NO1-HD-2-2756, Modification No. 2
Change Order whereby The University of Texas Southwestern Medical School shall complete an annual Manpower Report, Form NIH-1749 (Rev. 8/73), in accordance with the instructions contained therein. All other terms and conditions shall remain in full force and effect.
19. Contract No. HSM 21-72-543, Modification No. 3
The contract identification number is changed from HSM 21-72-543 to NO1 LM-2-0543.
20. Contract No. NO1-HD-4-2813
"Studying the effect of age on the stiffness and contractile properties of the canine left ventricle."
Gordon H. Templeton, Ph.D., Department of Physiology
February 15, 1974 through February 14, 1975
\$43,134.00
Dallas County
21. Contract No. NO1-LM-1-4710, Modification No. 4 (formerly NIH 71-4710)
Modification provides additional funds for support of the Regional Medical Library Program, extends the period of performance to January 31, 1975, and changes the identification number from NIH 71-4710 to NO1-LM-1-4710.
Donald Hendricks, Ph.D., Director of Library
\$184,344.00 additional funds
Dallas County

National Aeronautics and Space Administration

22. NASA Grant NGR 44-012-151, Supplement No. 5
"Cardiovascular Effects of Variations in Habitual Levels of Physical Activity." Study of cardiovascular adaptation to different levels of physical activity.
Jere H. Mitchell, M.D., Department of Internal Medicine
March 1, 1974 through February 28, 1975
\$50,000.00
Dallas County

United State of America
2750th Air Base Wing (PMA)

23. Medical Residency Program Agreement, Contract No. F33600-73-C-0400
An agreement whereby The University of Texas Southwestern Medical School agrees to provide Fellowship Training in Pediatric Neonatology for Major Burton W. Schwartz for the period July 1, 1973 through June 30, 1975; no funds involved.

FEDERAL CONTRACTS AND GRANTS - Continued

DALLAS MEDICAL SCHOOL - Continued

Veterans Administration

24. Anesthesiology Service Agreement
Contract No. V549P-646 whereby The University of Texas Southwestern Medical School at Dallas agrees to furnish to and at the Veterans Administration Hospital, 4500 S. Lancaster Rd., Dallas, Texas complete professional anesthesiology services for the period January 1, 1974 through December 31, 1974 for remuneration in the amount of \$45,000.00 to be paid to the Service Chief and \$107,970.12 to be paid to three staff anesthesiologists (rate of \$2,999.17 each per month) for a total remuneration of \$152,970.12.

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS

AMENDMENTS TO THE 1973-74 OPERATING BUDGET

BOARD OF REGENTS MEETING - MAY 3, 1974

DALLAS HEALTH SCIENCE CENTERAnimal Resources Center

1. Accept the resignation of Franklin J. Stein (non-tenure), Assistant Director, Animal Resources Center, and Assistant Professor of Surgery and Comparative Medicine, effective January 4, 1974. Dr. Stein is budgeted at an annual salary rate of \$16,000 payable from the Animal Resources Center budget. (RBC No. 187)

Medical Computing Resources Center

2. Transfer funds in the amount of \$2,200 from Unallocated Maintenance and Operation to Medical Computing Resources Center, Maintenance and Operation, in the amount of \$1,000 and to Medical Computing Resources Center, Travel, in the amount of \$1,200 to cover expenses of the transferred Biometrics group for the remainder of fiscal year 1973-74. (RBC No. 220)

3. Change the status of Susan Gordon Mize (non-tenure), effective December 1, 1973, as follows:

From: Instructor in Medical Computer Science, 80%, with an annual salary rate of \$20,160 payable from Medical Computing Resources Center budget

To: Instructor in Medical Computer Science, 100%, with an annual salary rate of \$20,160 payable from Medical Computing Resources Center budget. (RBC No. 203)

University Police

4. Transfer funds in the amount of \$4,000 from Unallocated Maintenance and Operation to University Police, Travel. These additional funds are needed to pay travel expenses for personnel who will be required to attend the police academy during this fiscal year. (RBC No. 208)

DALLAS MEDICAL SCHOOLAnesthesiology

1. Transfer funds in the amount of \$1,854.79 from Unallocated Faculty Salaries to Anesthesiology Teaching Salaries and appoint Kamal Majid Harrison (non-tenure), Visiting Assistant Professor, effective February 1, 1974, at an annual salary rate of \$20,000 payable \$6,820 from Veterans Administration Hospital, \$3,180 from Anesthesiology budget, and \$10,000 from Parkland Memorial Hospital. (RBC No. 227)

Biochemistry

2. Transfer funds in the amount of \$583.31 from Unallocated Faculty Salaries to Obstetrics and Gynecology Teaching Salaries and change the status and increase the annual salary rate of John M. Johnston (tenure), effective February 1, 1974, as follows:

From: Professor of Biochemistry at an annual salary rate of \$29,000 payable \$19,500 from Biochemistry budget, \$2,500 from USPHS 5 R01 AM-03108, and \$7,000 from Dallas G.S.B.S., Graduate Program in Biochemistry budget

To: Professor of Biochemistry and Obstetrics and Gynecology at an annual salary rate of \$30,000 payable \$1,000 from Obstetrics and Gynecology budget, \$19,500 from Biochemistry budget, \$2,500 from USPHS 5 R01 AM-03108, and \$7,000 from Dallas G.S.B.S., Graduate Program in Biochemistry budget. (RBC No. 236)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - Continued

DALLAS MEDICAL SCHOOL - ContinuedBiochemistry - Continued

3. Accept the resignation of Takashi Matsubara (non-tenure), Visiting Assistant Professor, effective February 28, 1974. Dr. Matsubara is budgeted at an annual salary rate of \$13,000 payable \$6,500 from USPHS 2 R01 GM-16488 and \$6,500 from USPHS N01 CP-33362. (RBC No. 239)

Biophysics

4. Transfer funds in the amount of \$4,300 from Unallocated Maintenance and Operation to Biophysics, Maintenance and Operation, in the amount of \$2,500 to provide for unanticipated needs and to Biophysics, Travel, in the amount of \$1,800 to provide additional funds for unanticipated travel pertaining to application for a Spectroscopy Facility from the Division of Research Resources, Biotechnology Resources Branch of the NIH. (RBC No. 185)

5. Transfer funds in the amount of \$9,153.23 from Unallocated Faculty Salaries to Biophysics Teaching Salaries and appoint James Ralph Bunting (non-tenure), Assistant Professor, effective January 22, 1974, at an annual salary rate of \$15,000 payable from Biophysics budget. (RBC No. 214)

Cell Biology

6. Transfer funds in the amount of \$6,666.64 from Unallocated Faculty Salaries to Cell Biology Teaching Salaries and change the source of salary of Edward James Moticka, Assistant Professor, effective January 1, 1974, as follows:

From: An annual salary rate of \$16,000 payable \$6,000 from Cell Biology budget and \$10,000 from USPHS 5 R01 AI-10678

To: An annual salary rate of \$16,000 payable from Cell Biology budget. (RBC No. 202)

7. Transfer funds in the amount of \$3,953.91 from Unallocated Faculty Salaries to Cell Biology Teaching Salaries and appoint Wilma Sue (Tilton) Griffin (non-tenure), Teaching Assistant, for the period of February 11, 1974 thru May 10, 1974, at an annual salary rate of \$16,000 payable from Cell Biology budget. (RBC No. 162)

Environmental and Community Medicine

8. Change the status of Spencer Shropshire, Jr. (non-tenure), effective September 1, 1973, as follows:

From: Assistant Professor of Internal Medicine and Acting Chairman, Department of Environmental and Community Medicine; Director of Health Service

To: Associate Professor and Chairman, Department of Environmental and Community Medicine; Assistant Professor of Internal Medicine; Director of Health Service, with no change in salary.

Dr. Shropshire is budgeted at an annual salary rate of \$27,000 payable from Family Practice Training Program budget. (RBC No. 206)

Internal Medicine

9. Transfer funds in the amount of \$3,791.69 from Unallocated Faculty Salaries to Internal Medicine Teaching Salaries and change the source of salary of Donald W. Seldin (tenure), William Buchanan Professor of Medicine and Chairman, effective February 1, 1974, as follows:

From: An annual salary rate of \$40,000 payable \$33,500 from Internal Medicine budget and \$6,500 from Southwestern Medical Foundation

To: An annual salary rate of \$40,000 payable from Internal Medicine budget. (RBC No. 222)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - Continued

DALLAS MEDICAL SCHOOL - ContinuedInternal Medicine - Continued

10. Transfer funds in the amount of \$227.50 from Unallocated Faculty Salaries to Internal Medicine Teaching Salaries and change the source of salary of John S. Fordtran (tenure), Professor, effective February 1, 1974, as follows:

From: An annual salary rate of \$37,000 payable \$14,100 from Internal Medicine budget, \$11,900 from USPHS 5 R01 AM-06506, \$3,000 from Southwestern Medical Foundation, \$1,000 from USPHS 5 EO3 PE-00174, and \$7,000 from USPHS 1 R01 AM-16816

To: An annual salary rate of \$37,000 payable \$14,490 from Internal Medicine budget, \$11,900 from USPHS 5 R01 AM-06506, \$2,610 from Southwestern Medical Foundation, \$1,000 from USPHS 5 EO3 PE-00174, and \$7,000 from USPHS 1 R01 AM-16816. (RBC No. 242)

11. Transfer funds in the amount of \$2,916.69 from Unallocated Faculty Salaries to Internal Medicine Teaching Salaries and change the source of salary of Burton Combes (tenure), Professor, effective February 1, 1974, as follows:

From: An annual salary rate of \$36,100 payable \$31,100 from Internal Medicine budget and \$5,000 from USPHS 5 T01 AM-05490

To: An annual salary rate of \$36,100 payable from Internal Medicine budget. (RBC No. 244)

12. Transfer funds in the amount of \$2,625 from Unallocated Faculty Salaries to Internal Medicine Teaching Salaries and change the source of salary of John M. Dietschy (tenure), Professor, effective February 1, 1974, as follows:

From: An annual salary rate of \$38,000 payable \$31,500 from Internal Medicine budget, \$4,500 from USPHS 5 T01 AM-05490, and \$2,000 from USPHS 5 EO3 PE-00174

To: An annual salary rate of \$38,000 payable \$36,000 from Internal Medicine budget and \$2,000 from USPHS 5 EO3 PE-00174. (RBC No. 243)

13. Change the source of salary of Norman M. Kaplan (tenure), Professor, for the period January 1, 1974 thru May 31, 1974, as follows:

From: An annual salary rate of \$37,100 payable \$25,350 from Internal Medicine budget and \$11,750 from USPHS 5 T01 AM-05028

To: An annual salary rate of \$37,100 payable \$12,672 from USPHS 5 A15 PE-00034, \$12,678 from Internal Medicine budget, and \$11,750 from USPHS 5 T01 AM-05028.

Dr. Kaplan will revert to original budgeted sources effective June 1, 1974. (RBC No. 216)

14. Transfer funds in the amount of \$583.31 from Unallocated Faculty Salaries to Internal Medicine Teaching Salaries and change the source of salary of J. Donald Smiley (tenure), Professor, effective February 1, 1974, as follows:

From: An annual salary rate of \$32,100 payable \$31,100 from Internal Medicine budget and \$1,000 from Arthritis Foundation

To: An annual salary rate of \$32,100 payable from Internal Medicine budget. (RBC No. 251)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - Continued

DALLAS MEDICAL SCHOOL - ContinuedInternal Medicine - Continued

15. Transfer funds in the amount of \$758.31 from Unallocated Faculty Salaries to Internal Medicine Teaching Salaries and change the source of salary of Morris Ziff (tenure), Professor, effective February 1, 1974, as follows:

- From: An annual salary rate of \$36,400 payable \$10,100 from Internal Medicine budget, \$25,000 from USPHS 5 K06 AM-14155, and \$1,300 from Arthritis Foundation
- To: An annual salary rate of \$36,400 payable \$11,400 from Internal Medicine budget and \$25,000 from USPHS 5 K06 AM014155. (RBC No. 247)

16. Transfer funds in the amount of \$4,258.31 from Unallocated Faculty Salaries to Internal Medicine Teaching Salaries and change the source of salary of Raj K. Goyal (tenure), Associate Professor, effective February 1, 1974, as follows:

- From: An annual salary rate of \$31,000 payable \$12,500 from Internal Medicine budget, \$10,000 from USPHS 5 T01 AM-05490, and \$8,500 from Southwestern Medical Foundation
- To: An annual salary rate of \$31,000 payable \$19,800 from Internal Medicine budget, \$10,000 from USPHS 5 T01 AM-05490, and \$1,200 from Southwestern Medical Foundation. (RBC No. 253)

17. Transfer funds in the amount of \$831.25 from Unallocated Faculty Salaries to Internal Medicine Teaching Salaries and change the source of salary of Hugo E. Jasin (tenure), Associate Professor, effective February 1, 1974, as follows:

- From: An annual salary rate of \$29,925 payable \$3,500 from Internal Medicine budget, \$1,425 from Arthritis Foundation, and \$25,000 from USPHS 1 K04 AM-70297
- To: An annual salary rate of \$29,925 payable \$4,925 from Internal Medicine budget and \$25,000 from USPHS 1 K04 AM-70297. (RBC No. 245)

18. Transfer funds in the amount of \$583.31 from Unallocated Faculty Salaries to Internal Medicine Teaching Salaries and change the source of salary of Eric Ray Hurd (tenure), Associate Professor, effective February 1, 1974, as follows:

- From: An annual salary rate of \$29,692 payable \$28,692 from Dallas VA Hospital and \$1,000 from Arthritis Foundation
- To: An annual salary rate of \$29,692 payable \$28,692 from Dallas VA Hospital and \$1,000 from Internal Medicine budget. (RBC No. 246)

19. Change the source of salary of Juha P. Kokko (tenure), Associate Professor, effective January 1, 1974, as follows:

- From: An annual salary rate of \$33,500 payable \$23,500 from Internal Medicine budget and \$10,000 from USPHS 5 T01 HL-05469
- To: An annual salary rate of \$33,500 payable \$14,520 from Internal Medicine budget, \$10,000 from USPHS 5 T01 HL-05469, and \$8,980 from USPHS 2 P01 HL-11662. (RBC No. 200)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - Continued

DALLAS MEDICAL SCHOOL - ContinuedInternal Medicine - Continued

20. Transfer funds in the amount of \$2,166.66 from Unallocated Faculty Salaries to Internal Medicine Teaching Salaries and change the source of salary of Charles B. Mullins (tenure), Associate Professor, effective July 1, 1974, as follows:

From: An annual salary rate of \$34,000 payable \$12,000 from Internal Medicine budget, \$1,000 from USPHS 2 PO1 HL-06296, \$6,000 from USPHS 5 RO1 HE-14187, \$2,000 from USPHS 5 EO3 PE-00174, and \$13,000 paid direct from American Heart Association

To: An annual salary rate of \$34,000 payable \$25,000 from Internal Medicine budget, \$1,000 from USPHS 2 PO1 HL-06296, \$6,000 from USPHS 5 RO1 HE-14187, and \$2,000 from USPHS 5 EO3 PE-00174. (RBC No. 248)

21. Transfer funds in the amount of \$5,986.64 from Unallocated Faculty Salaries to Internal Medicine Teaching Salaries and change the source of salary of Pedro Stastny (tenure), Associate Professor, effective January 1, 1974, as follows:

From: An annual salary rate of \$31,271 payable \$15,700 from Kidney Transplantation Unit of Special Items budget, \$6,591 from Internal Medicine budget and \$8,980 direct from VA Hospital

To: An annual salary rate of \$31,271 payable \$15,700 from Kidney Transplantation Unit of Special Items budget and \$15,571 from Internal Medicine budget. (RBC No. 193)

22. Transfer funds in the amount of \$6,416.69 from Unallocated Faculty Salaries to Internal Medicine Teaching Salaries and appoint Mario Andreis (non-tenure), Assistant Professor, effective January 28, 1974, as follows:

For the period January 28, 1974 thru January 31, 1974: An annual salary rate of \$20,000 payable from Various Donors.

For the period February 1, 1974 thru August 31, 1974: An annual salary rate of \$20,000 payable \$9,000 from Arthritis Foundation and \$11,000 from Internal Medicine budget. (RBC No. 249)

23. Transfer funds in the amount of \$7,916.70 from Unallocated Faculty Salaries to Internal Medicine Teaching Salaries and change the source of salary of Robert Lee Johnson (non-tenure), Assistant Professor, for the period February 1, 1974 thru June 30, 1974, as follows:

From: An annual salary rate of \$21,000 payable \$2,000 from Internal Medicine budget, \$9,500 from Arthritis Foundation, and \$9,500 from USPHS 5 RO1 AM-09989

To: An annual salary rate of \$21,000 payable from Internal Medicine budget.

Dr. Johnson will revert to original budgeted sources effective July 1, 1974. (RBC No. 225)

24. Accept the resignation of Masashi Imai (non-tenure), Visiting Assistant Professor, effective March 31, 1974. Dr. Imai is budgeted at an annual salary rate of \$22,000 payable from USPHS 5 T01 HL-05469. (RBC No. 240)

25. Accept the resignation of Moshe Rosenthal (non-tenure), Visiting Assistant Professor of Medicine, effective February 28, 1974. Dr. Rosenthal is budgeted at an annual salary rate of \$13,000 payable \$4,000 from Rheumatic Disease Unit and \$9,000 from the Arthritis Foundation. (RBC No. 217)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - Continued

DALLAS MEDICAL SCHOOL - ContinuedInternal Medicine - Continued

26. Transfer funds in the amount of \$2,084 from Unallocated Faculty Salaries to Internal Medicine Teaching Salaries and change the source of salary of Athol J. Ware (non-tenure), Assistant Professor, effective February 1, 1974, as follows:

- From: An annual salary rate of \$23,000 payable \$18,000 from Internal Medicine budget and \$5,000 from USPHS 5 TO1 AM-05490
- To: For the period February 1, 1974 thru April 30, 1974 - An annual salary rate of \$23,000 payable from Internal Medicine budget
- To: For the period May 1, 1974 thru June 30, 1974 - An annual salary rate of \$23,000 payable \$6,000 from Internal Medicine budget and \$17,000 from USPHS 5 RO1 AM-03757
- To: For the period July 1, 1974 thru August 31, 1974 - An annual salary rate of \$23,000 payable \$1,000 from Internal Medicine budget, \$5,000 from USPHS 5 TO1 AM-05490, and \$17,000 from USPHS 5 RO1 AM-03757. (RBC No. 252)

27. Transfer funds in the amount of \$5,249.99 from Unallocated Faculty Salaries to Internal Medicine Teaching Salaries and change the source of salary of Celso Gomez-Sanchez (non-tenure), Instructor, for the period January 1, 1974 thru April 18, 1974, as follows:

- From: An annual salary rate of \$17,500 payable from Searle Laboratories
- To: An annual salary rate of \$17,500 payable from Internal Medicine budget.

Dr. Gomez-Sanchez will revert to original budgeted source effective April 19, 1974. (RBC No. 224)

28. Appoint Hans-Udo Schweikert (non-tenure), Instructor, for the period January 1, 1974 thru January 31, 1974, at an annual salary rate of \$12,000 payable from USPHS 2 PO1 HL-11662. (RBC No. 215)

29. Transfer funds in the amount of \$5,000 from Unallocated Faculty Salaries to Internal Medicine Teaching Salaries and reappoint Hans-Udo Robert Schweikert (non-tenure), Instructor, for the period February 1, 1974 thru June 30, 1974, at an annual salary rate of \$12,000 payable from Internal Medicine budget. (RBC No. 250)

30. Change the status of Henrik Westergaard, effective December 16, 1973, as follows:

- From: Research Fellow at an annual salary rate of \$2,500 payable from Internal Medicine Stipend budget
- To: Research Associate at an annual salary rate of \$13,452 payable from USPHS 5 RO1 HL-09610. (RBC No. 205)

Microbiology

31. Transfer funds in the amount of \$14,096.73 from Unallocated Faculty Salaries to Microbiology Teaching Salaries and appoint Ellen Shapiro Vitetta (non-tenure), Associate Professor, effective January 21, 1974, at an annual salary rate of \$23,000 payable from Microbiology budget. (RBC No. 211)

32. Transfer funds in the amount of \$7,548.39 from Unallocated Faculty Salaries to Microbiology Teaching Salaries and appoint Miroslav Hauptfeld (non-tenure), Teaching Associate, effective January 15, 1974, at an annual salary rate of \$12,000 payable from Microbiology budget. (RBC No. 218)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - Continued

DALLAS MEDICAL SCHOOL - ContinuedMicrobiology - Continued

33. Transfer funds in the amount of \$6,290.30 from Unallocated Faculty Salaries to Microbiology Teaching Salaries and appoint Vera Hauptfeld (non-tenure), Teaching Associate, effective January 15, 1974, at an annual salary rate of \$10,000 payable from Microbiology budget. (RBC No. 219)

34. Transfer funds in the amount of \$7,583.31 from Unallocated Faculty Salaries to Microbiology Teaching Salaries and appoint Alex Henry Ray (non-tenure), Teaching Associate, effective February 1, 1974, at an annual salary rate of \$13,000 payable from Microbiology budget. (RBC No. 237)

Neurology

35. Transfer funds in the amount of \$23,333.28 from Unallocated Faculty Salaries to Neurology Teaching Salaries and appoint Roger N. Rosenberg (tenure), Professor and Chairman, effective January 1, 1974, at an annual salary rate of \$35,000 payable from Neurology budget. (RBC No. 195)

36. Change the source of salary of David D. Daly (tenure), Professor, for the period January 1, 1974 thru May 31, 1974 as follows:

- From: An annual salary rate of \$29,500 payable from Neurology budget
 To: An annual salary rate of \$29,500 payable \$15,280 from Neurology budget and \$14,220 from U.T. at Dallas Inter-agency Contract. (RBC No. 192)

37. Change the status of Ralph G. Greenlee, effective January 1, 1974, as follows:

- From: Assistant Professor and Acting Chairman (non-tenure), 100%, at an annual salary rate of \$26,500 payable \$18,500 from Neurology budget and \$8,000 from USPHS 5 E03 PE-00174
 To: Assistant Professor (non-tenure), 50%, at an annual salary rate of \$26,500 payable \$18,500 from Neurology budget and \$8,000 from USPHS 5 E03 PE-00174. (RBC No. 194)

38. Transfer funds in the amount of \$10,333.28 from Unallocated Faculty Salaries to Neurology Teaching Salaries and appoint Fred Baskin (non-tenure), Assistant Professor, effective January 1, 1974, at an annual salary rate of \$15,500 payable from Neurology budget. (RBC No. 196)

Obstetrics and Gynecology

39. Accept the resignation of Duck J. Choi (non-tenure), Assistant Professor, effective December 31, 1973. Dr. Choi is budgeted at an annual salary rate of \$21,000 payable \$17,000 from Obstetrics and Gynecology budget and \$4,000 from USPHS 5 E03 PE-00174. (RBC No. 182)

40. Transfer funds in the amount of \$12,666.64 from Unallocated Faculty Salaries to Obstetrics and Gynecology Teaching Salaries and appoint Nira Ben-Jonathan (non-tenure), Assistant Professor of Obstetrics and Gynecology and Physiology, effective January 1, 1974, at an annual salary rate of \$19,000 payable from Obstetrics and Gynecology budget. (RBC No. 197)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - Continued

DALLAS MEDICAL SCHOOL - ContinuedObstetrics and Gynecology - Continued

41. Transfer funds in the amount of \$11,333.28 from Unallocated Faculty Salaries to Obstetrics and Gynecology Teaching Salaries and change the status and increase the annual salary rate of Barry E. Schwarz, effective January 1, 1974, as follows:

From: Research Fellow at an annual salary rate of \$13,600 payable \$10,000 from USPHS 72-2756 and \$3,600 from USPHS 06-H-000074
 To: Assistant Professor (non-tenure) at an annual salary rate of \$20,000 payable \$17,000 from Obstetrics and Gynecology budget and \$3,000 from USPHS 06-H-000074. (RBC No. 204)

Ophthalmology

42. Accept the resignation of Thomas R. Stevens (non-tenure), Assistant Professor, effective March 16, 1974. Dr. Stevens is budgeted at an annual salary rate of \$23,000 payable from Ophthalmology budget. (RBC No. 238)

Pathology

43. Change the status of Robert G. Freeman, effective December 17, 1973, as follows:

From: Professor (tenure), 100%, at an annual salary rate of \$31,600 payable \$26,600 from Pathology budget and \$5,000 from Parkland Memorial Hospital
 To: Clinical Professor (non-tenure), 57%, at an annual salary rate of \$31,600 payable from Pathology budget. (RBC No. 177)

44. Appoint William A. Meissner (non-tenure), Visiting Professor of Pathology, for the period February 1, 1974 thru February 28, 1974, at an annual salary rate of \$30,000 payable from the Departmental Trust Fund. (RBC No. 161)

45. Transfer funds in the amount of \$6,000 from Unallocated Faculty Salaries to Pathology Teaching Salaries and change the source of salary of Robert Earl Karper (non-tenure), Instructor, effective January 1, 1974, as follows:

From: An annual salary rate of \$18,000 payable from Parkland Memorial Hospital
 To: An annual salary rate of \$18,000 payable \$9,000 from Parkland Memorial Hospital and \$9,000 from Pathology budget. (RBC No. 191)

Pediatrics

46. Change the annual salary rate and terminate JoAnn Margaret Cornet (non-tenure), Professor, from an annual salary rate of \$39,000 payable \$30,200 with \$7,800 overseas differential from American Medical Association and \$1,000 from Departmental Trust Fund as follows:

For the period December 27, 1973 thru Noon of January 22, 1974:
 An annual salary rate of \$31,200 payable \$30,200 from American Medical Association and \$1,000 from Departmental Trust Fund.
 Dr. Cornet will terminate as of Noon of January 22, 1974 with the completion of her tour of duty. (RBC No. 212)

47. Terminate Kenneth C. Haltalin (tenure), Associate Professor, effective December 21, 1973, the date of his death. Dr. Haltalin is budgeted at an annual salary rate of \$26,000 payable \$24,500 from Pediatrics budget and \$1,500 from William Buchanan Professorship. (RBC No. 186)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - Continued

DALLAS MEDICAL SCHOOL - ContinuedPediatrics - Continued

48. Change the source of salary and terminate JoAnne Whitaker (non-tenure), Professor, from an annual salary rate of \$38,000 payable \$29,000 with \$7,500 overseas differential from American Medical Association and \$1,200 with \$300 overseas differential from William Buchanan Professorship as follows:

For the period December 1, 1973 thru December 27, 1973: An annual salary rate of \$38,000 payable \$30,200 with \$7,800 overseas differential from American Medical Association.

For the period December 28, 1973 thru February 8, 1974: An annual salary rate of \$30,200 payable from American Medical Association. Dr. Whitaker's tour of duty will be completed February 8, 1974. (RBC. No. 207)

49. Change the annual salary rate and terminate Wanda Lee Dodson (non-tenure), Assistant Professor, from an annual salary rate of \$18,000 payable \$14,400 with \$3,600 overseas differential from American Medical Association, as follows:

For the period February 1, 1974 thru February 22, 1974: An annual salary rate of \$14,400 payable from American Medical Association. Dr. Dodson will terminate as of February 22, 1974 upon the completion of her tour of duty in Saigon. (RBC No. 221)

Pharmacology

50. Transfer funds in the amount of \$1,999.97 from Unallocated Faculty Salaries to Dallas Allied Health Sciences School, Nutrition and Dietetics Teaching Salaries and change the source of salary of Wesley G. Clark (tenure), Associate Professor, effective February 1, 1974, as follows:

From: An annual salary rate of \$21,000 payable \$15,000 from Pharmacology budget and \$6,000 from Dallas G.S.B.S.

To: An annual salary rate of \$21,000 payable \$11,571 from Pharmacology budget, \$6,000 from Dallas G.S.B.S., and \$3,429 from Dallas Allied Health Sciences School, Nutrition and Dietetics budget. (RBC No. 201 Revised)

51. Change the source of salary and terminate Arpad Gecse (non-tenure), Visiting Instructor, from an annual salary rate of \$11,500 payable from USPHS 7 R01 HL-16319 as follows:

For the period December 1, 1973 thru January 22, 1974: An annual salary rate of \$11,500 payable from USPHS 5 P17 HL-14187.

Dr. Gecse will terminate as of January 22, 1974. (RBC No. 223)

Physical Medicine and Rehabilitation

52. Transfer funds in the amount of \$1,255.80 from Unallocated Classified Salaries to Physical Medicine and Rehabilitation Classified Salaries to provide additional funds for classified personnel. (RBC No. 184)

Physiology

53. Appoint Edmond E. Griffin (non-tenure), Instructor, effective November 16, 1973, as follows:

For the period November 16, 1973 thru December 31, 1973: An annual salary rate of \$12,500 payable from USPHS 5 P01 HL-06296.

For the period January 1, 1974 thru August 31, 1974: An annual salary rate of \$12,500 payable from the Moss Foundation. (RBC No. 183)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - Continued

DALLAS MEDICAL SCHOOL - ContinuedPsychiatry

54. Accept the resignation of Bruce H. Beard (tenure), Association Professor, effective January 9, 1974. Dr. Beard is budgeted at an annual salary rate of \$31,500 paid by Presbyterian Hospital. (RBC No. 199)
55. Transfer funds in the amount of \$7,824.19 from Unallocated Faculty Salaries to Family Practice Training Program Teaching Salaries and change the status of David R. Baker (non-tenure), effective January 18, 1974, as follows:
- From: Assistant Professor, 100%, at an annual salary rate of \$21,000 payable \$6,000 from Psychiatry budget and \$15,000 from USPHS 5 T01 MH-06528
- To: Clinical Assistant Professor of Community Medicine and Environmental Health, 45%, at an annual salary rate of \$28,000 payable from Special Items budget. (RBC No. 189)
56. Change the source of salary of F. Diane Fagelman (non-tenure), Clinical Instructor, 50%, for the period January 1, 1974 thru June 30, 1974, as follows:
- From: An annual salary rate of \$10,500 payable \$9,000 from Psychiatry budget and \$1,500 from USPHS 5 T01 MH-10856
- To: An annual salary rate of \$10,500 payable from NIH 5 A15 PE-00034. (RBC No. 190)

Radiology

57. Accept the resignation of James E. Nunnally (non-tenure), Associate Professor, effective January 17, 1974. Dr. Nunnally is budgeted at an annual salary rate of \$18,300 payable \$17,300 from Radiology budget and \$1,000 from Parkland Memorial Hospital. (RBC No. 178)
58. Transfer funds in the amount of \$9,000 from Unallocated Faculty Salaries to Radiology Teaching Salaries and change the source of salary of Joseph B. Whiteman (non-tenure), Instructor, effective December 1, 1973, as follows:
- From: An annual salary rate of \$18,000 payable \$3,600 from Radiology budget, \$2,400 from Parkland Memorial Hospital and \$12,000 from Departmental Trust Fund
- To: An annual salary rate of \$18,000 payable \$15,600 from Radiology budget and \$2,400 from Parkland Memorial Hospital. (RBC No. 181)
59. Transfer funds in the amount of \$749.97 from Unallocated Faculty Salaries to Radiology Teaching Salaries and change the source of salary of Kenneth W. Bull (non-tenure), Instructor, effective December 1, 1973, as follows:
- From: An annual salary rate of \$13,500 payable \$12,500 from USPHS 5 E03 PE-00174 and \$1,000 from Departmental Trust Fund
- To: An annual salary rate of \$13,500 payable \$12,500 from USPHS 5 E03 PE-00174 and \$1,000 from Radiology budget. (RBC No. 180)
60. Transfer funds in the amount of \$749.97 from Unallocated Faculty Salaries to Radiology Teaching Salaries and change the source of salary of Robert C. Murry, Jr. (non-tenure), Instructor, effective December 1, 1973, as follows:
- From: An annual salary rate of \$13,500 payable \$12,500 from USPHS 5 E03 PE-00174 and \$1,000 from Departmental Trust Fund
- To: An annual salary rate of \$13,500 payable \$12,500 from USPHS 5 E03 PE-00174 and \$1,000 from Radiology budget. (RBC No. 179)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - Continued

DALLAS MEDICAL SCHOOL - ContinuedSurgery

61. Transfer funds in the amount of \$12,666.64 from Unallocated Faculty Salaries to Surgery Teaching Salaries and change the status of Ronald C. Jones (tenure), effective January 1, 1974, as follows:

- From: Associate Professor of Surgery at an annual salary rate of \$27,400 payable \$21,000 from Surgery budget and \$6,400 from Faculty Gifts to Surgery
- To: Professor and Acting Chairman of the Department of Surgery at an annual salary rate of \$40,000 payable from Surgery budget. (RBC No. 188)

62. Transfer funds in the amount of \$1,079.19 from Unallocated Faculty Salaries to Surgery Teaching Salaries and increase the annual salary rate of William Kemp Clark (tenure), Professor of Neurosurgery; Chairman of Division of Neurosurgery, effective February 1, 1974, as follows:

- From: An annual salary rate of \$28,450 payable from Surgery budget
- To: An annual salary rate of \$30,300 payable from Surgery budget. (RBC No. 234)

63. Transfer funds in the amount of \$14,000 from Unallocated Faculty Salaries to Surgery Teaching Salaries and increase the annual salary rate and change the source of salary of Henry M. Carder (non-tenure), Associate Professor of Otolaryngology and Chairman of Division of Otolaryngology, effective February 1, 1974, as follows:

- From: An annual salary rate of \$27,500 payable \$23,000 from USPHS 5 E03 PE-00174 and \$4,500 from Surgery budget
- To: An annual salary rate of \$28,500 payable from Surgery budget. (RBC No. 254)

64. Transfer funds in the amount of \$10,325 from Unallocated Faculty Salaries to Surgery Teaching Salaries and increase the annual salary rate and change the source of salary of Charles Dale Coln (non-tenure), Assistant Professor of Surgery; Chairman of Pediatric Surgery, effective February 1, 1974, as follows:

- From: An annual salary rate of \$27,500 payable \$3,800 from Surgery budget, \$16,200 from USPHS 5 E03 PE-00174, and \$7,500 from Faculty Gifts to Surgery
- To: An annual salary rate of \$29,000 payable \$21,500 from Surgery budget and \$7,500 from Faculty Gifts to Surgery. (RBC No. 255)

65. Transfer funds in the amount of \$1,750 from Unallocated Faculty Salaries to Surgery Teaching Salaries and change the status and increase the annual salary rate of John Thomas Watson (non-tenure), effective February 1, 1974, as follows:

- From: Instructor in Thoracic and Cardiovascular Surgery and Physiology at an annual salary rate of \$19,000 payable \$9,480 from USPHS 1 R01 HL-15682, \$2,400 from USPHS 1 R01 HL-15884, and \$7,120 from Departmental Trust Fund
- To: Assistant Professor of Thoracic and Cardiovascular Surgery and Instructor in Physiology at an annual salary rate of \$22,000 payable \$2,000 from Surgery budget, \$9,480 from USPHS 1 R01 HL-15682, \$2,400 from USPHS 1 R01 HL-15884, and \$7,120 from Departmental Trust Fund. (RBC No. 235)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - Continued

DALLAS MEDICAL SCHOOL - ContinuedSurgery - Continued

66. Transfer funds in the amount of \$583.31 from Unallocated Faculty Salaries to Surgery Teaching Salaries and increase the annual salary rate of David M. Heimbach (non-tenure), Assistant Professor, effective February 1, 1974, as follows:

From: An annual salary rate of \$25,000 payable from USPHS 5 E03 PE-00174

To: An annual salary rate of \$26,000 payable \$1,000 from Surgery budget and \$25,000 from USPHS 5 E03 PE-00174. (RBC No. 257)

67. Transfer funds in the amount of \$15,166.62 from Unallocated Faculty Salaries to Surgery Teaching Salaries and increase the annual salary rate and change the source of salary of Joel Herbert Horovitz (non-tenure), Assistant Professor, effective February 1, 1974, as follows:

From: An annual salary rate of \$25,000 payable from USPHS 5 E03 PE-00174

To: An annual salary rate of \$26,000 payable from Surgery budget. (RBC No. 259)

DALLAS ALLIED HEALTH SCIENCES SCHOOLRehabilitation Science

1. Appoint Herbert H. Shore (non-tenure), Adjunct Assistant Professor (SAHS) of Rehabilitation Science and Clinical Instructor in Psychiatry, 13%, for the period January 1, 1974 thru April 30, 1974 at an annual salary rate of \$24,000 payable from Rehabilitation Science budget. (RBC No. 198)

Pass

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS, GRADUATE SCHOOL OF BIOMEDICAL SCIENCES, BULLETIN, REVISED: On the recommendation of the appropriate Graduate Studies Committees, departmental chairmen, the Dean of the Graduate School of Biomedical Sciences, and the President of the University of Texas Health Science Center at Dallas, approval is respectfully requested for the following changes, additions and/or deletions to the 1974-1976 Bulletin.

Please note that reference is made to a new graduate program in BIOMEDICAL ENGINEERING. This proposed program is scheduled to be reviewed by the Coordinating Board of the Texas State College and University System at its meeting in April, 1974. If the Coordinating Board authorizes implementation of this program at that time, a description of this program will be included in the 1974-76 Bulletin of the Graduate School of Biomedical Sciences. If the Coordinating Board does not authorize implementation of this program, the section on BIOMEDICAL ENGINEERING and other references to it in other sections of the Bulletin will be deleted. References to the graduate program in BIOMEDICAL ENGINEERING are asterisked (*) throughout the text that follows.

A-19

Amend ADMINISTRATIVE OFFICERS list, as follows:

ADMINISTRATIVE OFFICERS

Charles A. LeMaistre, B.A., M.D.
Chancellor, The University of Texas System

William H. Knisely, Ph.B., B.S., M.S., Ph.D.
(~~Vice-Chancellor~~) Assistant to the Chancellor for Health Affairs,
The University of Texas System

Charles C. Sprague, B.B.A., B.S., M.D.
President, The University of Texas
Health Science Center at Dallas

Julius E. Weeks, B.S., L.L.B.
Vice-President for Business Affairs

Ronald W. Estabrook, B.S., Ph.D.
Dean, Graduate School of Biomedical Sciences

Robert N. Dain, B.A., M.S., Ph.D.
Assistant Dean for Academic Affairs, Graduate
School of Biomedical Sciences

Thomas E. Smith, B.S., M.S., Ph.D.
Assistant Dean for Student Affairs, Graduate
School of Biomedical Sciences

Bill F. Jones, B.S., B.A., M.S.
Executive Assistant to the President
(~~Anne-R.-Rueker, -A.B.~~)
(~~Registrar~~)

J. Wesley Norred, Jr. B.A.
Director of Student Services

Suzanne L. Weakley, A.B.
Administrative (~~Secretary~~) Assistant, Graduate School
of Biomedical Sciences

Donald D. Hendricks, A.B., A.M.I.S., Ph.D.
(~~Library~~) Director of the Library and Director of South Central
Regional Medical Library Program

Hollis R. Smith, B.B.A.
Business Manager

Robert G. Fenley
Director of Medical Information

James F. Cooper
Director of Physical Plant

Amend FOREWORD, as follows:

FOREWORD

The advancement of medical knowledge depends on the training of intellectually stimulated, innovative experimenters who will serve as the leaders of biomedical research in the future. The goal of the Graduate School of Biomedical Sciences at the University of Texas Health Science Center at Dallas is to provide the outstanding student with the opportunity and the stimulus to investigate in depth and to solve contemporary problems in the biological, physical and behavioral sciences.

In addition to attaining excellence in science, the graduate student of today must also master the art of teaching. Therefore, the student is trained not only to develop and experimentally test new ideas, and thereby contribute to our understanding of biomedical science, but also to communicate these findings to others within the context of present-day society.

The Graduate School comprises thirteen* (~~ten~~) specific areas of graduate studies: Biochemistry, Biomedical Communications, Biomedical Engineering,* Biophysics, Cell Biology, Clinical Psychology, Mathematical Sciences, Microbiology, Pharmacology, Physiology, Radiation Biology, Radiological Physics and Rehabilitation Counseling. Although enrolled in a specific program area, the graduate student is not restricted to courses in that area. He must be exposed to a wide variety of academic disciplines in order to be prepared for the rapidly changing emphases in biomedical sciences. Historical labels of graduate programs should not be taken literally; for example, Biochemistry encompasses molecular biology, Microbiology includes immunology, etc. The student gains a wide perspective of contemporary biomedical science through interdisciplinary courses, seminars and informal discussions, not only in the graduate school but also in the medical school.

The opportunity for graduate students to obtain educational training at a health science center, side by side with medical students and students in the allied health professions, fosters their ability to make significant contributions to the advancement of knowledge of cancer, heart disease, mental health and other aspects of medicine.

* References to BIOMEDICAL ENGINEERING will be deleted if the Coordinating Board does not approve this program in April, 1974.

Amend "Disclaimer", as follows:

This bulletin--although revised periodically--cannot always reflect up-to-the-minute changes or developments in programs of the fast-growing Graduate School of Biomedical Sciences. Contents of the bulletin are therefore subject to revision without notice.

~~(The information in this bulletin is as accurate as was possible to attain at the time of publication; The provisions are subject to change without notice and do not constitute an irrevocable contract between any applicant for admission or student and the Graduate School of Biomedical Sciences of the University of Texas Health Science Center at Dallas; The School is not responsible for any misrepresentation of its requirements or provisions that might arise as a result of errors in the preparation of this bulletin.)~~

It is the policy of the Graduate School of Biomedical Sciences to ensure equal employment opportunity to all individuals in a positive program of non-discrimination in all areas of employment--recruitment, hiring, training, assignment, promotion, use of facilities and privileges without regard to race, sex, creed, color, age or national origin--and to assure that qualified applicants will be employed. All employees are judged by the same standards of job performance and qualifications regardless of sex, race, color, age, creed or national origin.

The School gives careful consideration to all available information about each applicant for admission and accepts those who are best qualified without regard to race, color, sex, creed or national origin.

INTRODUCTION

Amend section THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS: Expansion and Growth, as follows:

Expansion and Growth

In November, 1972, the name and scope of the medical school was changed with its reorganization into the University of Texas Health Science Center at Dallas--comprising Southwestern Medical School, the Graduate School of Biomedical Sciences and the School of Allied Health Sciences. In approving the concept of a Health Science Center, the Board of Regents recognized the need for a diversified educational and research program which would provide a spectrum of well-prepared medical practitioners, biomedical scientists and health-care professionals. In addition, it provided for the continued growth of the coordinated but separate medical, graduate and undergraduate components, interacting creatively on the problems of the health and well-being of man.

The Health Science Center has recently undergone (~~presently-is-in-the midst-of~~) a dramatic expansion of its physical facilities. In 1974, (~~In-a-little-over-a-year~~) improvements valued at more than \$40 million were (~~will-be~~) completed on the scenic campus in northwest Dallas to accomodate gradual doubling of annual enrolling medical classes, as well as to provide for commensurate growth of the graduate and allied health school programs.

The expansion program and the creation of the Health Science Center represent major strides toward realization of the goal set earlier by President Charles C. Sprague for the institution to become a broad-spectrum, interdisciplinary health science campus, embracing a variety of medical and scientific expertise.

Amend section THE GRADUATE SCHOOL OF BIOMEDICAL SCIENCES, as follows:

THE GRADUATE SCHOOL OF BIOMEDICAL SCIENCES

The graduate programs were initially established as a part of the Southwestern Medical School's teaching program in the basic sciences. The first graduate degree (~~;-a-doctorate-in-microbiology~~) was awarded in 1947 (~~1955~~). From this beginning, the Graduate School has grown to encompass thirteen* (~~ten~~) programs in basic and behavioral sciences. Additional programs are in the planning stage to keep pace with the ever-expanding needs for knowledge in the basic biomedical sciences.

Enrollment has steadily increased, and the maturity of the graduate teaching program was recognized in late 1972 when the University of Texas System Board of Regents, as part of an institutional reorganization, authorized establishment of the separate Graduate School of Biomedical Sciences within the University of Texas Health Science Center at Dallas. The Graduate School is housed partially in the new Basic Sciences Research Center, which was opened in 1972, and partially within (~~refurbished~~) facilities of the Medical School.

* References to BIOMEDICAL ENGINEERING will be deleted if the Coordinating Board does not approve this program in April, 1974.

The Health Science Center's expansion (~~new-approaching-completion~~) will permit further growth of the Graduate School of Biomedical Sciences, enabling it to better meet society's needs for a spectrum of highly trained biomedical scientists for advance positions in research, teaching and service. From its current enrollment of over 100 (85), the Graduate School is projected to grow to an estimated 200 students by the end of this decade. In the academic year 1973-74, (~~1972-73~~) 23 (13) Doctor of Philosophy degrees in graduate sciences were conferred.

The current building program will greatly facilitate expansion of the scope and versatility of the Graduate School (see map). Among the buildings recently completed (nearing-completion) are the Basic Sciences Teaching Building, which complements the (~~newly-occupied~~) Basic Sciences Research Building, (~~and~~) the Florence Bioinformation Center, a 1200-seat auditorium and cafeteria, a twelve-story academic-administration building, and an elevated plaza containing four large lecture halls. Facilities at present still in the planning stage include a new clinical sciences building including a center for experimental animals. Excellent (Increased) cooperation (is-being-attained)exists with several other local institutions of advanced learning and research. These include the University of Texas at Dallas, the University of Texas at Arlington, Southern Methodist University and the Veterans Administration Hospital.

Graduate Faculty

As it has matured into a separate entity of academic distinction, the Graduate School of Biomedical Sciences has benefited from the talents of the basic science faculty of the medical school, noted for its contributions to research and innovative teaching methods. Many faculty members have recently served or currently are serving as heads of national professional societies, and as editorial board members of major scientific publications. Throughout their course of advanced instruction, students in the Graduate School of Biomedical Sciences remain closely in contact with these senior faculty members who are nationally recognized experts in their fields. Courses of study are structured so as to develop individual abilities in an atmosphere which encourages (to-permit) maximum intellectual interchange between teacher and student. (so-as-to-develop individual-abilities-to-the-utmost.)

Special Professorships

Emma Freeman Professorship for Radiation Research

On February 25, 1966, the Board of Regents of the University of Texas accepted from the Texas Division of the American Cancer Society a gift for a Professorship in Radiation Research. At the meeting of the Board on September 30, 1966, the designation of this Professorship for Radiation Research was approved. Dr. Mary Esther Gauden, Associate Professor of Radiology, is the present holder of this appointment.

Virginia Lazenby O'Hara Professorship in Biochemistry

On March 8, 1968, the Board of Regents of the University of Texas accepted a trust agreement executed by Mrs. Virginia Lazenby O'Hara and the President of Southwestern Medical Foundation to provide a fund from which the net income is to be used for the establishment, support and maintenance of the Virginia Lazenby O'Hara Professorship of Biochemistry for teaching and research in the field of biochemistry at the University of Texas Southwestern Medical School at Dallas. The first Virginia Lazenby O'Hara Professor of Biochemistry is Dr. Ronald Estabrook, Chairman of the Department of Biochemistry and Dean of the Graduate School of Biomedical Sciences.

Sigma Xi

The Society of the Sigma Xi is a national honorary organization of American scientists dedicated to the purpose of fostering excellence in scientific research. The Sigma Xi Club at the University of Texas Health Science Center at Dallas has each spring since 1969 sponsored a Graduate Student Research Forum at which selected students enrolled in the Graduate School have an opportunity to present results from their research. Students selected to speak--by a faculty committee which judges abstracts invited from the graduate student body--are presented with an appropriate prize. A feature of each Forum is a lecture by an invited distinguished scientist.

Amend section SPECIAL FACILITIES: Library, as follows

Florence Bioinformation Center

Created to bring together units dealing primarily with information and its utilization, the Florence Bioinformation Center includes the Library, the Office of Instructional Communications and the Medical Computing Resources Center.

Library

Organized in 1943 when Southwestern Medical School was founded, the Library is now quartered in the Florence Bioinformation Center, with space to accommodate over 200,000 volumes. The current collection numbers approximately 130,000 volumes. (now-contains-more-than-200,000-volumes.) Around 2,500 serials and journals are currently received, and between 8,000 and 9,000 new books and bound journals are being added to the collection each year. The Library has a growing collection of slides, audiotapes and films, and cooperates with the Office of Instructional Communications to provide the best possible materials and equipment. Self-directed study spaces are available in a variety of sizes ranging from single-occupancy carrels to small group-study rooms. Non-print and electronic media are available for use in these spaces. Trained personnel provide searches of the computer data bases provided by the National Library of Medicine and other agencies. (The-Library-is-now-located-in-the Gary-Building-but-will-move-to-the-Florence-Bioinformation-Center-when-it-is-completed-in-1974.)

The Library has taken its place in regional and national cooperative and communications networks in order to speed interlibrary loan service to patrons and to facilitate the exchange of information within the larger health science community. Courtesy cards, enabling students to obtain materials from area colleges and universities, are available from the Library administration office.

Amend section Office of Instructional Communications as follows:

Office of Instructional Communications

A rapidly developing unit whose goal is increased effectiveness of health science education, the Office of Instructional Communications includes medical illustration, television and audio-visual services. (†) The staff produces programmed learning materials and also plans and researches computer-assisted instruction; it designs, selects and tests instructional equipment.

The staff (†) maintains television facilities by which closed circuit presentations are made throughout the Health Science Center and its affiliated hospitals, which are also linked to the TAGER television network (see below). (This-network-provides-major-universities-and-industries in-the-North-Texas-area-with-regularly-scheduled-graduate-lectures-and courses.) Production and administration are also provided for the Dallas Area Hospital Television System which conducts daily television programming to meet the training needs of its member hospitals.

The medical illustration (section) staff produces a wide array of audio-visual materials. This section (Ft) functions both as a service department for research and education, and as an instructional department in teaching techniques of audiovisual production and display to graduate (special) students. The staff (Ft) provides drawings and paintings of medical procedures and subjects, produces graphic design for all media, provides a broad range of photographic services including still, microscopic, and motion picture films, three-dimensional models and sculptures, along with preparation of exhibits and displays.

Amend section Parkland Memorial Hospital, as follows:

Parkland Memorial Hospital

An extensive expansion and renovation program begun in 1970 at Parkland Memorial Hospital is nearing completion and will increase capacity to almost 900 beds. A newly added south wing is facilitating (will-facilitate) the expansion of service areas in the hospital, including the Departments of Radiology, Pathology, Emergency Suite, Operating and Labor-Delivery Rooms, new Pediatric Division, Physical Medicine and Rehabilitation, and Dietetics (Dietary). A 906-car parking facility, located behind Parkland's Staff Residence, was completed last year.

Amend section TAGER, as follows:

TAGER

TAGER (The Association for Graduate Education and Research of North Texas) is an inter-institutional, non-profit educational television system comprised of seven private and two public institutions. Approximately 500 semester-hours of instruction are presented via TAGER each year. These courses are taught "live" and originate from the various TAGER institution campuses. Many are available for graduate credit. Numerous viewing areas are provided throughout the Health Science Center where TAGER courses can be received and where "talk-back" facilities are available. (The-lectures-are-"live"-and-originate-on-a-TAGER-institution-campus;--Two-classrooms-in-the-Graduate-School-of-Biomedical Sciences-are-equipped-to-receive-courses-and-have-"talk-back"-facilities.) Participating institutions are: Austin College, Bishop College, Dallas Baptist College, Southern Methodist University, Texas Christian University, Texas Wesleyan College, The University of Texas at Dallas, The University of Texas Health Science Center at Dallas and The University of Dallas.

Amend section Callier Hearing and Speech Center, as follows:

Callier Hearing and Speech Center

Callier Hearing and Speech Center is located (has-become-one-of-the-most outstanding-multidimensional-human-communication-disorders-facilities in-the-country;--It-is-located) on the campus of the University of Texas Health Science Center at Dallas and consists of three interrelated divisions concerned with educational, research and clinical aspects of human communication disorders. (educational;-research-and-clinical;--The-cohesive-liaison-among-the-divisions-permits-a-comprehensive-approach-to the-diagnosis;-appraisal-and-remediation-of-communication-disorders;-and provides-immediacy-of-consultative-interplay-among-medical;-paramedical and-educational-personnel.)

The Research Division of Callier is a facility designed to conduct basic and applied research in auditory and vestibular physiology, psychoacoustics and speech science. Housed in 14,000 square feet, the division contains ten experimental laboratories, an anechoic chamber, a reverberation room, animal surgery, vestibular room and a histological suite with provision for an electron microscope.

The long range goal of the division is to provide a more detailed anatomical and physiological framework of the auditory pathway and to advance organizational principles of brain function fundamental to the auditory communicative activities of an organism. The objectives are to understand how the auditory nervous system processes acoustic information and to investigate storage in the brain. (~~Single and multiple neuronal responses of the auditory brain stem nuclei and auditory cortical areas to monaural and binaural stimulation is the concern. These electro-physiological studies make use of a variety of animals so that phyletic differences and similarities can be uncovered from which extrapolations to the human brain can be made.~~)

Staff: G. Moushegian, Ph.D., Associate Director and Adjunct Professor of Physiology; G. Gerken, Ph.D., A. Rupert, B.S., Research Scientists; R. Stillman, Ph.D., Research Scientist and Adjunct Assistant Professor of Otolaryngology; H. Wiggans, M.S., Systems Engineer and Head of Computer Facility.

In addition to participation in the Graduate Program in Physiology at UTHSC, the Center offers a new graduate program in Communication Disorders (M.S. and Ph.D.) jointly with the University of Texas at Dallas. For additional information, students should contact: Director of Admissions and Registrar, The University of Texas at Dallas, P.O. Box 30365, Dallas, Texas 75230.

Amend section Skullern Student Union, as follows:

Skullern Student Union

The Skullern Student Union is located near the Basic Sciences Research Center (see campus map). It has facilities for table tennis, pool, and weight lifting. Also available are tables, for studying or eating, color television, snack machines, a lounge area, as well as typewriters, cassette tapeplayers, and slide projectors. The tennis courts and a jogging track are located nearby. The Union is available for student-sponsored functions such as lectures by guest speakers, parties, committee meetings, etc. (~~The Registrar's office is located in this building pending completion of the Administration Building.~~)

GENERAL INFORMATION

Amend section GRADUATE DEGREE PROGRAMS, as follows:

GRADUATE DEGREE PROGRAMS

Programs leading to the degrees of Doctor of Philosophy, Master of Arts, or Master of Science are offered in the following academic areas:

<u>Programs</u>	<u>Degree</u>
Biochemistry	Ph.D., M.A.
<u>Biomedical Communications</u>	<u>M.A.</u>
<u>Biomedical Engineering**(*)</u>	<u>Ph.D., M.S.</u>
Biophysics	Ph.D., M.A.
Cell Biology	Ph.D.
Clinical Psychology	Ph.D.
<u>Mathematical Sciences***</u>	<u>Ph.D.</u>
Microbiology	Ph.D., M.A.
Pharmacology	Ph.D., M.A.
Physiology	Ph.D., M.A.
Radiation Biology*	Ph.D., M.A.
Radiological Physics**	M.S.
Rehabilitation Counseling	M.S.

*In cooperation with the University of Texas at Dallas

**Joint program with the University of Texas at Arlington

***Joint program with the University of Texas at Arlington and the University of Texas at Dallas

Descriptions of the foregoing programs are given elsewhere in this bulletin. Several additional degree programs, subject to approval by the University of Texas Board of Regents and the Coordinating Board of of the Texas College and University System, are presently under consideration.

Each degree program is under the jurisdiction of a separate (~~Committee-on~~) Graduate Studies Committee specific to the academic area involved. Subject to approval of the Graduate Executive Council (~~Committee~~) and the Dean of the Graduate School of Biomedical Sciences, the Graduate Studies Committee has responsibility to select applicants for admission, to determine requirements for degrees in its area, to determine course offerings, to evaluate the academic progress of students under its jurisdiction, to recommend which students shall be regarded as candidates for a degree, and to administer all other aspects of the program in its area.

(*)References to BIOMEDICAL ENGINEERING will be deleted if the Coordinating Board does not approve this program in April, 1974.

Amend section ADMISSIONS, as follows:

ADMISSIONS

Requests for application forms and other queries should be sent either to the Office of the Dean of the Graduate School of Biomedical Sciences or to ~~(the-Director-of-Admissions-(who-may-be)~~ the Chairman of the ~~(Committee-on)~~ Graduate Studies Committee ~~(or-his-designated-representative)~~ for the chosen program ~~(area-of-study)~~. (See program descriptions for details.)

Amend section Requirements for Admission, as follows:

Requirements for Admission

There are three minimum requirements which must be met in applying for admission as a regular graduate student:

- 1 A bachelor's degree or its equivalent from an accredited institution in the United States or proof of equivalent training at a foreign university.
- 2 Satisfactory grades (generally at least a grade point average of B) especially in appropriate courses in upper division (junior and senior level) work and in any graduate work already completed. Each applicant is required to have sent to the Dean's Office or the program Director of Admissions two certified transcripts from each institution of higher learning attended.
- 3 A satisfactory score on the Graduate Record Examination (GRE) Aptitude Test (generally a combined score of at least 1000 on the verbal and quantitative parts of this examination).

The applicant must request that his GRE scores be sent directly to the Dean's office or to the appropriate program Director of Admissions. The code number for the University of Texas Health Science Center, Graduate School of Biomedical Sciences is R6686-0. The GRE, administered by the Educational Testing Service, is given at various centers (usually colleges and universities) in the United States and abroad. Tests are normally given six times each year on one Saturday in October, December, January, February, April and June. ~~(The-current test-dates-are:--October-27,-1973;-December-8,-1973;-January-19,-1974;-February-23,-1974;-April-27,-1974;-and-June-15,-1974.)~~ Usually the Aptitude Test is given in the morning and the Advanced Tests in the afternoon. Inquiries about the testing program should be addressed to the Graduate Record Examination, Educational Testing Service at one of two cities depending on the location of the applicant. Those living in or west of Montana, Wyoming, Colorado, Oklahoma, Arkansas and Texas should write to P. O. Box 1503, Berkeley, California 94701. Individuals living east of these states should address inquiries to P. O. Box 955, Princeton, New Jersey 08540.

Amend section Foreign Students, as follows:

Foreign Students

In addition to meeting the general requirements for admission as described above, applicants whose native language is not English must show sufficient command of the English language to permit them to study effectively at the Graduate School of Biomedical Sciences. Thus such applicants are required to take the Test of English as a Foreign Language (TOEFL) and to have their scores submitted to their program Director of Admissions. This test is administered approximately four times each year at many locations throughout the world as well as in the United States.

Copies of the TOEFL Bulletin of Information for Candidates may be obtained from American embassies and consulates, offices of the United States Information Service, or by writing the Educational Testing Service, Box 899, Princeton, New Jersey, U.S.A. 08540.

Since transcripts of record from foreign universities must be evaluated by a special committee at the University of Texas main campus at Austin, prospective students are required to submit their application forms and transcripts by March 1 or earlier if specified by the program to which they are applying.

Successful applicants must obtain a "Certificate of Eligibility for Non-immigrant 'F-1' Student Status" (U.S. Department of Justice, Immigration and Naturalization Service, Form I-20A and I-20B), signed by the Director of Student Services (Dean-of-the-Graduate-School-or-his-designate). This form must be presented to American consular officials when applying for a visa, to Immigration officials when entering the U.S., and to the registrar of the University of Texas Health Science Center at the time of registration. F-1 Student Status never extends beyond one year from the date of issuance, and students must make arrangements with the registrar for renewal well in advance of expiration date. Applicants who are awarded a teaching assistantship or other stipend, or who intend to seek employment during their stay in the United States, will not be eligible for an F-1 visa and should consult with U.S. Immigration Service or Embassy officials to obtain the appropriate visa.

Every nonimmigrant student or alien in the United States must report his address to the Immigration and Naturalization Service each January and every three months. Address changes must be reported within ten days. Forms for these purposes are available at any U.S. Post Office or the U.S. Immigration Service office in Dallas.

Amend section REGISTRATION, as follows:

REGISTRATION

A full-time graduate student is expected to be registered for a full load of courses throughout the year, including the summer session. Before registering, both new and continuing students must (should) consult with their graduate advisors regarding specific courses and obtain signed class cards (should-secure-written-approval). Permission must be secured from the appropriate instructor to enroll in classes outside the student's major program. Registration is completed at the registrar's office.

Late registration will be allowed only on permission of the instructor(s) responsible for the course or courses the student wishes to take.

The typical academic load in semester hours varies with the program and other factors. Nine hours is the minimum for full-time registration; the more usual full-time academic load is between 12 and 15 semester hours. Changes in course load (adding or dropping) during a semester require written approval of the student's graduate advisor, the professor teaching the course, and the registrar (see also the Tuition and Fees section). A course may be added or dropped only during the first twelve academic days or the first quarter of the course, whichever is shorter.

A student must be currently registered for the appropriate dissertation or thesis course if he expects to receive advice or direction from his supervisor(s) during the preparation of his thesis or dissertation. A student is (not) required to be registered during the semester in which the oral defense examination of the thesis or dissertation is held (degree is-conferred).

Amend section COURSES OF INSTRUCTION, as follows:

COURSES OF INSTRUCTION

Graduate courses are offered only as the need arises, and are listed under program descriptions. The unit of measure for credit in graduate work is the semester hour. A three-digit system is generally used for designating courses, with the first digit indicating the number of semester hours. Certain courses, such as research and seminar, may be repeated for credit.

In addition to the courses listed under the individual program descriptions, certain courses at the Southwestern Medical School are open to graduate students. (~~see information in the section; Courses in Other Departments~~).

Closed-circuit television courses, graduate and undergraduate, are open to students through the TAGER network.

A student who is admitted to a graduate program at the Graduate School of Biomedical Sciences may apply for permission to take a course(s) on the campus of one of the private universities in Dallas or at any one of the other components of the University of Texas System:

The University of Texas at Arlington
 The University of Texas at Austin
 The University of Texas at Dallas
 The University of Texas at El Paso
 The University of Texas of the Permian Basin
 The University of Texas at San Antonio
 The University of Texas Medical Branch at Galveston
 The University of Texas Health Science Center at Houston
 The University of Texas Health Science Center at San Antonio
 The University of Texas System Cancer Center
 The University of Texas System School of Nursing

Amend section GRADES, as follows:

GRADES

In the Graduate School, credit is given for grades A, B and C. In the student's major, a grade average of B must be maintained as a minimum requirement. In other words, every C must be balanced with an A.

This standard grading system is not practicable for some courses, so the symbols S (satisfactory) or U (unsatisfactory) are used. Such grades (courses) may or may not be included in the number of semester hour credits required for a Master's degree program at the discretion of the Graduate Studies Committee. They are taken into account in Doctoral degree programs which do not have specified semester hour requirements.

The symbol I (incomplete) is used when the student has not completed all assignments by the conclusion of the course. This grade is valid for only a twelve-month period. A student may petition to have this time-limit extended under special circumstances. If the student turns in the required work before the end of this period, a regular grade is recorded. If not, the I is automatically changed to an F.

A graduate student remaining in residence who withdraws from a course after the twelfth academic day will receive a grade of WP (Withdraw-Passing), WF (Withdraw-Failing) or I (Incomplete). If a student withdraws from the Graduate School, his transcript will indicate either WP or WF for each course for which sufficient information is available; otherwise, a grade of W (Withdraw) will be recorded.

Amend section REQUIREMENTS FOR GRADUATE DEGREES, as follows:

REQUIREMENTS FOR GRADUATE DEGREES

General Requirements

- 1 The student must demonstrate a high order of scholarly achievement in his chosen field of study, including appropriate research and professional competencies. The program (~~Committee-on~~) Graduate Studies Committee, through designated graduate advisors and supervisors, determines the student's program of study and evaluates whether or not adequate mastery has been acquired.
- 2 For any graduate degree, a student must be in academic residence for at least two semesters. In practice, the Master's degree usually requires from one to two years of graduate study, while the Doctorate usually requires three or more years. A semester of academic residence is defined as satisfactorily completing nine (twelve) semester hours of courses given at the University of Texas Health Science Center at Dallas (some of these courses may be taken at other universities participating in an inter-institutional program).
- 3 The student must discharge all financial and other obligations to the Health Science Center. In the event on nonpayment, one or more actions may be taken by the Dean: (1) readmission may be denied; (2) a student's grades and official transcript may be withheld, and (3) the degree to which the student would otherwise be entitled may be withheld.

Foreign Language Requirement

Each program (~~Committee-on~~) Graduate Studies Committee determines whether proficiency in a foreign language will be required for a Doctoral degree. Some programs permit substitution of Fortran for the language requirement. On this point, the student should consult the specific requirements of the program of choice.

In addition to the foregoing general requirements, there are specific requirements in each degree program (see program descriptions for further information).

Specific Requirements for the Master's Degree

At least 30 semester hours of course credit are required for the Master's degree. The student is required to complete a thesis, or in some programs its equivalent, which is acceptable to a supervisory committee appointed to direct and evaluate the thesis. Master's degree candidates must submit two bound final copies of their theses (or equivalent) and reports of final oral examinations signed by the supervisory committee members to the Graduate School office.

Specific Requirements for the Degree of Doctor of Philosophy

For the Doctoral degree, no minimum number of semester hours of credit (beyond those needed to satisfy the residence requirement) is required, since the true basis for receipt of a degree is the candidate's demonstration of mastery of a field and his proven ability to perform scholarly work in it. At such time as the student is deemed prepared by the program (~~Committee-on~~) Graduate Studies Committee and passes a qualifying examination, written and/or oral, given under the auspices of the Committee, he is formally admitted to candidacy.

The student is required to conduct independent research under the guidance of a supervising professor and to prepare a dissertation which must be defended before a specially appointed committee. Doctoral candidates are required to submit a vita, dissertation abstracts, the signed report of defense of dissertation, the original unbound copy of the dissertation and several other forms available from the Dean's office. The foregoing materials must be received in the Dean's office at least five weeks before the degree is conferred.

Amend section WITHDRAWAL, LEAVE OF ABSENCE, AND READMISSION, as follows:

WITHDRAWAL, LEAVE OF ABSENCE, AND READMISSION

To withdraw, obtain a leave of absence, or be readmitted, the student must initiate his request in writing to the chairman of the Graduate Studies Committee (Committee-on-Graduate-Studies). The Committee then arrives at a recommendation and forwards it in writing to the Dean, who, in writing, approves, stating any appropriate restrictions, or disapproves. Only in this way can honorable dismissal be recorded and action started on a refund of payment in accordance with the policy set forth in the section on fees. It is the student's responsibility to notify his instructors of his intention to withdraw from a course or courses. A student who wishes to be readmitted will be considered in competition with other applicants.

Amend section TUITION AND FEES, as follows:

TUITION AND FEES

All tuition and fees are payable at the time of registration; a student is not registered until his tuition and fees are paid in full. Students in doubt as to their residency status for tuition purposes should consult the Residency Defined section of the Appendix of this bulletin.

All fees are subject to change without prior publication.

Tuition

Tuition for Texas Residents is \$4.00 per semester hour, with a minimum of \$50.00 per semester for twelve semester hours or less. Tuition for Non-Residents is \$40.00 per semester hour. Tuition for Foreign Students is \$14.00 per semester hour, with a minimum of \$200.00 per semester for fourteen semester hours or less.

A fee of \$12.00 per semester is charged Texas Residents who, under special circumstances, must register in absentia. Students registering in absentia are not required to pay the Property Deposit, Student Health Service or Student Union Fee (see below). Non-Resident students are charged \$50.00 per semester for registering in absentia.

(Texas-Resident)	(\$4.00/sem.hr.) (Min.--\$50.00/sem.)
(Non-Resident)	(\$40.00/sem.hr.)
(Foreign-Students)	(\$14.00/sem.hr.) (Min.--\$200.00/sem.)

Other Fees

A Property Deposit of \$10.00 is assessed to cover fines (covers-fines), breakage of equipment, loss of Health Science Center books, and miscellaneous charges. Students must replenish this deposit as they incur charges against it.

Students are required to pay a Laboratory Fee of \$8.00 for each laboratory course of four or more semester hours.

A fee of \$5.00 per semester is charged each student for the use and maintenance of the Skillern Student Union.

A visitor's fee of \$5.00 per course is required of persons not registered for credit; ~~(and-the-visitor-must-pay-the-laboratory-fee-the-same-as-for-credit)~~ visitors must in addition pay laboratory fees as appropriate. If the visitor desires to use the Library, a non-student library deposit of \$5.00 is required.

Students must pay \$10.00 per year for the privilege of parking their personal automobiles on campus (see section of Parking).

A (The) Graduation Fee of \$25.00, payable at registration for the final semester, is required of all students who will receive a degree. Students who withdraw before graduation are entitled to a refund. No refund can be given for students who graduate in absentia.

All students are required to carry ~~(must-have)~~ hospitalization insurance. Students ~~(You)~~ must provide ~~the registrar (us)~~ with some evidence of their present insurance policy at the time of registration, or they will be required to purchase the hospitalization policy provided through the University of Texas Health Science Center at Dallas (a-form-that identifies-your-present-insurer-or-purchase-the-Hospitalization-Policy provided-by-the-University).

Fees for hospitalization insurance will be paid on a semester basis or on an annual basis at the time of registration.

The current rates for the Blue Cross/Blue Shield of Texas hospitalization policy available through the University of Texas Health Science Center at Dallas are:

<u>\$128.88 per year or 10.74 per month</u>	<u>Student only, with no dependents.</u>
<u>\$180.96 per year or 25.82 per month</u>	<u>Student plus spouse or one dependent.</u>
<u>\$232.63 per year or 30.13 per month</u>	<u>Student plus spouse and/or all dependents.</u>
(Hospitalization-(Student))	(\$10.74-per-mo.)
(Hospitalization-(Student and-Dependent))	(\$25.82-per-mo.)
(Hospitalization-(Student and-Family))	(\$30.13-per-mo.)
(Student-Health-Service-Fee)	(\$-1.26-per-mo.)
(Laboratory-Fee-(for-each-4 hour-course-or-more))	(\$-8.00)
(Student-Union-Fee)	(\$-5.00-per-sem.)

Amend section FINANCIAL AID: Loan Funds, as follows:

Loan Funds

Detailed information about and applications to loan funds are available from the Student Aid Office of the University of Texas Health Science Center at Dallas.

The National Direct Student Loan Fund was created by enactment of Public Law 85-864, the National Defense Education Act of 1958. Graduate students may borrow an amount not to exceed \$2,500 per year for the purpose of completing their education provided the aggregate total of all loans received through this source including undergraduate study does not exceed \$10,000. Recipients of loans must be full-time students in good standing and must substantiate their need for the loan. Repayments begin nine months after the borrower ceases to be a full-time student and must be completed within ten years thereafter. No interest on the loan accrues prior to the beginning of the repayment schedule, and interest thereafter is to be paid at the current rate.

The Hinson-Hazelwood Student Loan Program is provided by the State of Texas. It furnishes the opportunity for graduate students who are residents of the state to obtain loan funds not to exceed \$1,500 per year.

Through the Federally Insured Loan Fund, the federal government guarantees loans, not to exceed \$2,500 per calendar year, to needy students from a variety of private sources. If need is substantiated, no interest accrues prior to repayment.

Kellogg Loan Fund. The W. K. Kellogg Foundation make a grant to the school for the purpose of providing loans to any qualified student who can give evidence showing necessity for such loan.

Franklin Lindsay Loan Fund. Non-interest-bearing loans to students for educational purposes are available from this fund in annual amounts up to \$1,500. Interest of 2% per annum begins after the student has received a degree or has dropped out of school. Applications may be submitted to the Deputy Chancellor for Administration (Vice-Chancellor-(Fiscal-Affairs)), The University of Texas System, Austin Texas 78701 (78712), one of the trustees of this fund.

Medical Center Women's Club Loan Fund. This fund is available for small short-term loans bearing no interest. Application for a recommendation should be made to the Office of Student Financial Aid. Upon this recommendation, the loan is made at the Office of the Administrator of Parkland Memorial Hospital.

Amend section Special Fellowships, as follows:

Special Fellowships

The Ida M. Green Fellowship. The American Association of University Women Educational Foundation administers the Ida M. Green Fellowship in the Field of Mathematics, Biological or Physical Sciences. This award is open to an outstanding Texas woman, preferably from Dallas or Tarrant Counties, who has fulfilled all requirements for the doctorate except the dissertation. Inquiries should be addressed to the AAUW Fellowships Office, 2401 Virginia Avenue N.W., Washington, D.C. 20037.

A. L. Chilton Fellowship. The Graduate Program in Biochemistry awards a limited number of A. L. Chilton Fellowships for stipend support of graduate and medical students participating in summer research grants. Selection of candidates is competitive on application to the Chairman of the Graduate Program in Biochemistry.

The Minnie L. Maffett Fellowship. The Texas Federation of Business and Professional Women's Club sponsors the Minnie L. Maffett Fellowship to aid women in either graduate study or research. To be eligible for this award an applicant must be a woman graduate of a Texas medical college, or, in the event that the funds are available and there is no qualified applicant, the Committee may at their discretion consider a woman who has taken a Ph.D. degree from the University of Texas and who is doing research in a medical field. Application should be addressed to: The Texas Federation of Business and Professional Women, 809 Burkburnett Building, Fort Worth, Texas.

Amend section Teaching Assistantships, as follows:

Teaching Assistantships

A limited number of teaching assistantships is available from the Graduate School of Biomedical Sciences. Stipends are \$3,800 (~~(\$3000-to-\$3600)~~) for the calendar year. Students appointed perform from 10 to 12 (~~15-to 20~~) hours of service per week assisting their supervising professor or other faculty members (~~in-their-graduate-program~~) to carry out the teaching functions of the University of Texas Health Science Center. These positions are awarded and renewed annually on a merit basis. Application should be made to the Office of the Dean of the Graduate School.

Amend section Fellowships, Research Assistantships, and Tuition Scholarships, as follows:

Fellowships, Research Assistantships, and Tuition Scholarships

Individual graduate programs may have access to other sources of support, such as fellowships and research assistantships. They are offered, usually to students in their second and succeeding years of graduate study, on a limited basis. Occasionally the Graduate School office receives information concerning other special fellowships. In addition the Graduate School has available a small tuition scholarship fund. For information consult the Dean of the Graduate School of Biomedical Sciences.

Amend section STUDENT HEALTH SERVICES, as follows:

STUDENT HEALTH SERVICES

The Student Health Service, located on the first floor of the Hoblitzelle Clinical Sciences Center (Room C-102), operates to maintain and promote health among all students at the University of Texas Health Science Center, by providing the benefits specified below. It is currently in the process of expanding its facilities so that it will become a more comprehensive health maintenance organization.

Benefits become available to students as soon as they have paid their fees to the Business Office. (~~and-terminate-at-midnight-of-the-last-day-of-the-academic-session;-except-for-provision-made-in-the-insurance-of-patients-in-the-hospital-on-that-day-)~~ Benefits of the Student Health Service automatically terminate upon the student's withdrawal from school.

(Benefits)

The Student Health Service offices are open from 8:00 a.m. to 4:00 p.m., Monday through Friday. Health Service physicians may be consulted Monday through Friday from 12 noon to 1:00 p.m. (~~When-necessary-or-desired by-the-student;-consultation-with-other-members-of-the-Medical-School staff-can-be-arranged;~~)

On official school holidays or in the event of an emergency during the office hours, report to the Student Health Service, where help will be provided. For emergencies occurring after hours or on weekends, report to the Emergency Room Triage Nurse at Parkland Hospital and bring your health insurance policy number (~~and-identify-yourself-as-a-student~~).

(~~Certain-routine-clinical-laboratory-and-diagnostic-pathological-examinations-will-be-provided-through-the-Health-Service;--They-must-bear-the-stamp-of-approval-of-the-Health-Service;-and-failure-to-obtain-such prior-approval-will-make-the-student-liable-for-all-charges-incurred;~~)

(~~In-case-of-illness;-diagnostic-x-ray-examinations-will-be-furnished when-prescribed-by-a-Health-Service-physician;~~)

(~~In-most-instances;-necessary-drugs-will-be-furnished-without-cost-to the-student-when-prescribed-by-a-member-of-the-Health-Service-staff;~~)

Hospitalization Insurance Coverage

Hospitalization insurance must be carried by all students, either through the special students' group in the Blue Cross-Blue Shield Plan (see Tuition and Fees section), or through any company of the student's choice. At the time of registration, the student must either pay for this plan (one-third of the total cost to be paid three times a year, at registration) or provide proof of equivalent insurance (insurability) in the form of the company name and policy number.

(~~Membership-in-the-school-sponsored-plan-provides-semi-private-room-service-in-participating-hospitals-(which-include-essentially-all-major hospitals-in-the-area;-as-well-as-elsewhere-in-the-country)-upon-approval of-the-Director-of-the-Health-Service;--This-hospitalization-plan-provides-a-semi-private-room-for-up-to-365-days-per-year;-the-additional-cost of-the-private-room-care-must-be-paid-by-the-student-individually;-unless private-room-care-is-ordered-by-the-Health-Service;~~)

(~~The-policy-covers-all-usual-hospital-benefits;-a-\$450-surgical-schedule; 20%-anesthesiology;-intensive-care-and-pre-existing-conditions;--Maternity-coverage-is-not-included;-but-may-be-obtained-at-extra-cost;--Also; the-costs-of-routine-physical-examinations-and-diagnostic-procedures-are not-covered-for-dependents-(these-services-are-available-to-the-students themselves-through-the-Health-Service-under-most-circumstances;))~~)

Students should seek further information regarding hospitalization insurance coverage from the Health Science Center Insurance Office (~~Graduate-Student-Organization-or-from-the-Health-Service~~).

While it is required that students have hospitalization insurance (some form-of) for at least the nine months of the regular school session, it is recommended that they have coverage for the full twelve months of the year, especially if they are on the school campus during the summer (see section on Tuition and Fees).

Amend section GRADUATE STUDENT ORGANIZATION, as follows:

GRADUATE STUDENT ORGANIZATION

The Graduate Student Organization, formed in 1973, is directed (~~is-currently-being-organized~~) by an executive committee consisting of elected representatives from each of the graduate programs (~~studies~~). This committee serves (~~will-serve~~) as a formal liaison between the graduate students and administration. It (~~will~~) also sponsors (~~sponsor~~) social functions and is (~~will-be~~) responsible for supplying information to new and prospective students about living in Dallas. For more information about the Graduate Student Organization, contact: Secretary-Treasurer, Graduate Student Organization, Graduate School of Biomedical Sciences (~~Kathy-Taubert~~).

Amend section LIVING IN DALLAS, as follows:

LIVING IN DALLAS

Housing

Many apartment complexes are available within walking and cycling distance of the University of Texas Health Science Center. Rates are fairly standard, starting at about \$150 for a two-bedroom unfurnished apartment (including utilities). Free apartment locating services are the most efficient means for obtaining a suitable apartment in the size and price range desired. Special features should be considered. Some offer day-care centers for the residents; others have pools, etc. (See the map for some apartment locations near school).

Persons with limited resources, no transportation, or those who need to find other housing, may find it convenient to live at the Staff Residence Halls which are located immediately adjacent to Parkland Memorial Hospital. This is dormitory-style housing: rooms are double occupancy, baths are shared with the adjacent room. There are no private telephones in the rooms. Linens are furnished; laundry facilities are free. Kitchens are located on each floor. These quarters are in demand at \$75 a month, so application should be made early. Contact Miss Helen Vogel, Department of Community Relations, Parkland Memorial Hospital, 5201 Harry Hines Blvd., Dallas, Texas 75235, telephone (214) 631-1800, extension 350.

Transportation

Bicycles may be (are) practical transportation for students living within two (if-you-live-within-a-couple-of) miles of the campus. They may (can) be parked near the entrance to the lobby of the Health Science Center.

Students living any greater distance from campus will find a car essential. A permit must be obtained to park on campus (see Parking, above).

Schedules and maps containing rate information on bus service in Dallas may be obtained from the Dallas Transit System, 101 N. Peak Street, telephone (214) 826-2222. Routes and schedules vary considerably in different areas of the city, making travel from some sections to others time-consuming.

For more information about living in Dallas, obtain a copy of the Graduate Student Organization Handbook from the Graduate School office, or write the Dallas Chamber of Commerce, 1507 Pacific Avenue, Dallas, Texas 75201.

(You will probably need a car if you live far (beyond Southern Methodist University, for example; see map). -- You must obtain a parking permit (see Parking, above). -- If you are from out of state and plan to establish residence in Texas, or seek employment here, you must register your car. Applications for Texas title and license plates must be presented at the Dallas County Tax Assessor and Collector's Office at 500 Elm Street (telephone 749-8621), or at any of the eight Dallas sub-courthouses located in Farmers Branch, Garland, Grand Prairie, Irving, Lancaster, Mesquite, Oak Cliff and Richardson.)

(To obtain an automobile title, you must furnish: (1) out-of-state title or registration receipt; (2) certification of vehicle inspection to verify serial number; (3) use tax of \$15.00 for vehicles last registered in another state, or a 3% tax based on the purchase price if purchased in another state (New residents may receive credit for this tax if they present a sales or use tax affidavit from their state Department of Revenue as evidence that they have paid a state sales or use tax in another state); (4) title fee of 75¢; (5) fee to cover license plates and (6) safety inspection sticker.)

(If you are an out-of-state resident and wish to remain so, you need not meet Texas registration, licensing and title rules. -- You may keep your out-of-state driver's license and plates, updating them when necessary.)

(A Texas driver's license must be obtained if you wish to establish residence here. -- You must pass a test for vision, a written exam on road rules and a driving test. -- If your out-of-state license is still valid, you are excused from the driving test. -- A birth certificate must be presented when you make your original application for a Texas driver's license. -- You must have a safety inspection sticker before you are allowed to take the road test.)

(Driver's handbooks to help you prepare for the test are available from any driver's license office of the Texas Department of Public Safety. They will also inform you of the nearest location where driver's tests are administered.)

(Buses)

(You can obtain schedules and maps with rate information by writing or calling the Dallas Transit System, 101 N. Peak Street, telephone 826-2222. Route and schedules may vary considerably with the different areas of the city, making travel from some sections to others time-consuming.)

(Schools)

(There are fifteen independent public school districts and 355 public school campuses within Dallas County. -- Each independent school district has its own regulations regarding enrollment, health, opening dates, etc. -- These schools now have available an optional kindergarten program for five-year-olds, as well as the usual first through twelfth grade program. -- Contact the Dallas Independent School District office, 3700 Ross Avenue, Dallas, Texas 75204, (telephone 824-1620). -- They will supply information about the school districts on request.)

(Information concerning parochial schools is available from the Superintendent of Catholic Schools, 3915 Lemmon Ave., Dallas, Texas 75219, telephone 529-2360, or the Episcopal Diocese of Dallas, 1630 N. Garrett, Dallas, Texas 75201, telephone 826-8320. -- Other denominations also have church-supported schools.)

(Dallas Chamber of Commerce)

(The Chamber of Commerce will provide current, useful information about living in Dallas on request. -- Write the Dallas Chamber of Commerce, 1507 Pacific Avenue, Dallas, Texas 75201.)

BIOCHEMISTRY

Amend section Facilities, as follows:

Facilities

The Department of Biochemistry has available for student use the equipment and facilities required for modern research in biochemistry. In addition to the normal laboratory facilities, the Department has a coupled gas chromatograph-mass spectrometer for identification and characterization of various compounds. There is also in the Department a spectrophotometry facility which includes recording spectrophotometers and stopped-flow spectrophotometers for rapid kinetic measurements. These spectrophotometers are controlled by a PDP 11 mini-computer. A laboratory for advanced metabolite research is equipped for the perfusion of tissues and the isolation and identification of various metabolic intermediates. A biophysical laboratory is equipped with an electron paramagnetic resonance spectrometer and a pulsed nuclear magnetic resonance spectrometer. Also in this laboratory is an analytical ultracentrifuge for characterizing the molecular size and dimensions of macromolecules. The Department has facilities for the large scale growth and characterization of microorganisms under rigorously controlled conditions and a fully-equipped tissue culture facility.

Under Courses Offered, include:

188 Human Genetics

An interdisciplinary course given over a ten day interval midway through the first semester. The first portion of the course deals with basic issues in genetics - classical principles, cytogenetics, and molecular genetics. In the second portion, these areas are evaluated with regard to their impact on clinical medicine: the chromosomally induced congenital syndromes, inborn errors of metabolism, hemoglobinopathies, etc. The remainder of the time is spent on problems in population genetics, genetic counselling and factors influencing mutation rates in man. Laboratory sessions are included where appropriate. This course is the same as Cell Biology 188.

Amend course number 385 as follows:

385 Biochemical Research Techniques

Advanced instruction and theory of such research techniques as ion exchange and exclusion chromatography, U.V., visible and I.R. spectrophotometry, (optical-rotatory-dispersion-and-circular-dichroism), peptide mapping, disc electrophoresis, preparative and analytical ultracentrifugation, high resolution nuclear magnetic resonance, proton relaxation time studies using spin echo techniques, electron paramagnetic resonance and isotopic techniques.

Change the following course numbers (number change only):

- (382) 396 Special Topics in Biochemistry
- (387-A-and-B) 514 Physical Chemistry
- (388 A-and-B) 531 Advanced Organic Chemistry

Include the following new graduate program:

BIOMEDICAL COMMUNICATIONS

Chairman, Graduate Studies Committee

Fred L. Christen, Ph.D.

Director, Instructional Communications

Fred L. Christen, Ph.D.

Degree Offered

Master of Arts

Faculty and Interest Areas

Donald S. Wiggans, Professor

Ph.D., University of Illinois, 1952

Amino acid and protein metabolism, innovations in
biochemical education for medical students; auto-
tutorial self-instruction in biochemistry.

Fred L. Christen, Associate Professor

Ph.D., Syracuse University, 1967

Management, facilities design, and construction of
learning spaces; role of biomedical communicator.

David J. Mishelevich, Associate Professor

M.D., Ph.D., Johns Hopkins University, 1966, 1970

Computer-based, interactive clinical information systems;
real-time laboratory automation, computer-assisted instruction,
semantic analysis of natural language, health evaluation.
Iconic communications and computer graphics.

Virginia Vollmer, Assistant Professor

Ph.D., State University of Iowa, 1953

Validation of instructional materials; patient
education; value systems in learning.

William M. Winn, Assistant Professor

M.S., Medical College of Georgia, 1966

Improved graphic techniques; instructional visuals for the health sciences;
education of the contemporary medical illustrator, technical animation.

Joan Godlove, Instructor

M.S., Medical College of Georgia, 1964

Slide graphics, casts and teaching models;
self-instructional materials.

Steven J. Harrison, Instructor

M.S., Medical College of Georgia, 1970

Animation and film graphics; exhibit design and production techniques.

Thomas J. Sweeney, Instructor

Ph.D., Arizona State University, 1972

Television application of learning theories,
curriculum design, teacher training.

Michael Lorfing, Assistant Instructor
M.F.A., Southern Methodist University, 1972
Medical and surgical cinematography; public information films;
microcinematography and fiberoptic cinematography.

Robert A. Cooper, Staff
M.F.A., Ohio University, 1958
Infrared and low light level photography;
scientific approaches to environmental photography.

Adjunct Faculty

F. H. Goodyear, Assistant Professor
Ph.D., The University of Texas, Austin, 1969
Acting Head, Division of Communication Theory,
Texas Christian University, Fort Worth, Texas
Contemporary communication theory and research.

OBJECTIVE

The objective of the Graduate Program in Biomedical Communications is to
train specialists to work as team members to solve creatively educa-
tional communications problems. The program will prepare students in an
actively functioning medical center for later service as facilitators
of information transfer at all levels within the health care system.
Two specialty tracks are provided. One in Biomedical Illustration, the
other in Biomedical Instructional Technology.

FACILITIES

The Graduate Program in Biomedical Communications will be conducted with-
in the Florence Bioinformation Center by the Office of Instructional
Communications. The Florence Bioinformation Center occupies a five-story
building located at the heart of the Health Science Center. It was created
to bring together the various units dealing with information and its
utilization. This building houses the Library, the Medical Computing
Resources Center and the Office of Instructional Communications. The
latter unit includes biomedical illustration, television, and audio-
visual services. It produces programmed learning materials and con-
sults on instruction and evaluation.

Medical Illustration Services occupies offices, studios, dark rooms, and
work areas on the first floor of the Bioinformation Center. There it
has such special equipment as an Oxberry animation stand, "POS I" stat-
copy camera, and Moviola editing console. Television and Audiovisual
Services occupies space on both the first and fifth floors of the
building and maintains complete color studios, with taping and editing
facilities, as well as a distribution system for conveying television
signals throughout the medical complex.

Classroom, office, and work space for the graduate program are provided
on the fifth floor. In addition, students may at any time find them-
selves working at other locations within the Health Science Center as
appropriate to their academic program at that time.

REQUIREMENTS FOR ADMISSION

Applicants are admitted to the program upon recommendation of the Graduate Studies Committee and the Dean of the Graduate School. The applicant must have a baccalaureate degree from an accredited college or university. An undergraduate major in education, communications, applied art, design or TV-film, with a minor in biology or premedical sciences is recommended. A major in biology or premedical sciences with a minor in education, communications, applied art, design or TV-film may be accepted by the Committee, as may other majors, depending upon the special circumstances involved and the track of instructional emphasis selected.

For the specialty track in Biomedical Illustration, the applicant must provide a portfolio of artwork in different media for consideration by the Committee.

The applicant must achieve a combined score of 1000 or better on the Quantitative and Verbal sections of the Graduate Record Examination. An applicant for either track must have satisfactorily completed the specific courses listed below (or their equivalents):

AHS 4608 Human Gross Anatomy
AHS 4407 Human Physiology
AHS 4206 Pathology
IMT 4331 Principles of Instructional Communications

Students deficient in one or more of these courses may be accepted conditionally. Upon successful completion of the courses, the student will assume regular status. These courses are offered through the School of Allied Health Sciences of the University of Texas Health Science Center at Dallas.

CURRICULUM

The program is interdisciplinary in nature. It is designed to provide for development of special knowledge and skills in the application of communications arts and/or communication technology to education in the health sciences.

Two specialty tracks are offered:

- 1 Biomedical Illustration
Intensive experience in medical-surgical illustration, graphic design as applied to biomedical instructional visuals, exhibit and display design, production of multimedia packages containing highly technical biomedical information and animation and cinematography techniques.
- 2 Biomedical Instructional Technology
Emphasis on instructional communications, programmed instruction, instructional systems design and management, instructional evaluation, and the application of principles of learning to biomedical education.

COURSES OFFERED

The program is developed around certain core courses that are required of both tracks. In addition, each track consists of a sequence of required courses and electives.

CORE COURSES350 Graphics

Introduction to principles and techniques for the production of artwork for non-print media.

352 Biomedical Instructional Design

Identification of instructional problems, analysis of target audiences, delineation of subject, role of evaluation and validation in instructional design.

354 Instructional Methods

Learning theory, media utilization, instructional methodology, strategies.

356 Management of Biomedical Communication Resources

Introduction to management concepts, budgeting, procurement of support, record keeping, documentation, literature.

CURRICULUM IN BIOMEDICAL ILLUSTRATION360 Medical-Surgical Illustration

Traditional and contemporary media employed by the medical illustrator including carbon dust, watercolor, pen and ink, wash and airbrush. Introduction and practical exercises in these media.

362 Animation and Film Techniques

Review of basic cinematography. Basic film editing and laboratory procedures. An introduction to the principles of animation. Basic cell animation, the exposure sheet, special illustration techniques. Operation of the Oxberry 16mm animation stand.

396 Special Problems in Medical Illustration

A continuation of Medical-Surgical Illustration with special emphasis on surgical illustration. Preparation of a portfolio. Special problems assigned on an individual basis.

364 Three-Dimensional Instructional Materials

The design and production of scientific exhibits. Modeling, casting, and embedding of scientific subject matter, including prosthetic devices. An introduction to contemporary materials and techniques.

366 Advanced Animation and Graphics

A summation of animation and film techniques. Production of a single-concept film.

398 ThesisElective368 Biomedical Photography

The photographic process, the basic camera, types of cameras, exposure, film characteristics, camera care and use, photographic processing, developing chemistry, developing the film, printing techniques, color photography.

CURRICULUM IN BIOMEDICAL INSTRUCTIONAL TECHNOLOGY370 Evaluation

Current concepts, measurement methods, criterion-referenced and performance based tests, normative and summative systems, accountability.

372 Systems Methodology

Introduction, design, medical information, management, networking, planning and control, cost analysis, statistical decisions, simulation, allocation of resources.

383 Trends in Medical Education

Undergraduate and graduate medical education, agencies, types of practice, ethics, health care delivery.

398 ThesisElectives374 Interpersonal Communications

Structured small group exercises in interpersonal communications, behavioral factors related to communication within organization.

376 Persuasion, Propaganda, Publicity

Taught via TAGER television network. Twenty-eight sessions plus lecture and reading on such subjects as theoretical basis of persuasion, persuasion and the group, crowd behavior, and the ethics of persuasion. Additional assignments at the Health Science Center for graduate credit.

Students may take electives in either emphasis track or from among the offerings of other graduate programs in the Health Science Center. All electives are subject to prior approval of the Program Director.

REQUIREMENTS FOR GRADUATION

A candidate for the degree of Master of Arts in Biomedical Communications must meet all of the general requirements of the Graduate School. In addition, he or she must (a) demonstrate professional competence in his or her area of study, (b) fulfill all department and division conditions of his or her individual program, (c) achieve a cumulative grade of B or above, and (d) complete a minimum of 30 hours including thesis in residence at the University of Texas Health Science Center at Dallas.

Thesis Requirements

The candidate, with the help of faculty advisors, will select a project which involves the solution of an instructional problem in the health sciences, and will devise an approach to the solution of the problem.

He or she will produce a tangible product - either verbal, visual, or mixed media - which demonstrates individual research and study and use of innovative methods or materials in his or her approach to the solution of the problem.

The candidate will present a project in the form of a written thesis with description of objectives, methods and conclusions along with non-verbal media.

Include the following new graduate program, if it is authorized for implementation by the Coordinating Board of the Texas State College and University System in April, 1974.

BIOMEDICAL ENGINEERING

(Joint Program with the University of Texas at Arlington)

Chairman, Graduate Studies Committee
David J. Mishelevich, M.D., Ph.D.

Degrees Offered
Master of Science
Doctor of Philosophy

Faculty and Research Interests

Robert M. Dowben, Professor
M.D., University of Chicago, 1949
Physical properties of contractile proteins;
mechanism of muscle contraction; mechanism of active transport;
biosynthesis of membrane proteins and membranogenesis;
optical and NMR spectroscopic techniques.

Robert L. Johnson, Jr., Professor
M.D., Northwestern, 1951
Cardio-pulmonary physiology; measurement of pulmonary function
with emphasis on diffusing capacity; effects of exercise and altitude.

Jere H. Mitchell, Professor
M.D., University of Texas Southwestern Medical School, 1954
Control mechanisms regulating left ventricular
performance; cardiovascular adaptation to exercise in
man and animals; geometrical analysis of the
contraction of the left ventricle.

John C. Vanatta, Professor
M.D., Indiana University, 1944
Mechanisms and control of transport of Na⁺, K⁺,
NH₄⁺ and H⁺; sodium metabolism.

C. Gunnar Blomqvist, Associate Professor
M.D., University of Lund, Sweden, 1960;
Ph.D., Karolinska Institute, Sweden, 1965
Cardiovascular adaptation to stress; non-invasive
quantitative methods for studying circulatory responses to
stress; electrocardiography; physiology of exercise;
computer applications in cardiovascular disease and physiology.

David J. Mishelevich, Associate Professor
M.D., Ph.D., Johns Hopkins University, 1966, 1970
Computer-based, interactive clinical information systems; real-
time laboratory automation; computer-assisted instruction; semantic
analysis of natural language; health evaluation; iconic commu-
nications and computer graphics.

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This description of the graduate program in BIOMEDICAL ENGINEERING will be deleted if the Coordinating Board does not approve this program in April, 1974.

J. Wanzer Drane, Assistant Professor
Ph.D., Emory University, 1967
Biometrical applications; non-linear estimation and
statistical inference; construction of stochastic or
deterministic mathematical models; numerical methods
for iterative calculational schemes.

Robert M. Lebovitz, Assistant Professor
Ph.D., University of California, Los Angeles, 1967
Studies in hippocampus in vivo and in vitro; neuro-
physiology of epilepsies and behavior; effects of
microwave radiation on the nervous system.

Robert L. Moss, Assistant Professor
Ph.D., Claremont Graduate School and University Centre, 1969
Neural, hormonal and pharmacological determinants
for hypothalamic control over pituitary functions
and reproductive behavior; neuroendocrinology;
neurophysiology; microelectrophoresis.

William E. Romans, Assistant Professor
M.S., Southern Methodist University, 1972
Biomedical instrumentation; digital logic
design; analog and digital communication.

Shelley I. Saffer, Assistant Professor
Ph.D., Southern Methodist University, 1973
Real-time laboratory automation; patient monitoring;
computer simulation of biological systems; mathematical
models of the liver; stochastic processes;
operations research applications to medicine.

Verney L. Sallee, Assistant Professor
Ph.D., University of New Mexico School of Medicine, 1970
Chemistry of aqueous solutions of bile acids and
other lipids; transport of compounds across
biological membranes, particularly intestinal
tissue; gastro-intestinal absorptive physiology.

Ernest M. Stokely, Assistant Professor
Ph.D., Southern Methodist University, 1972
Digital processing techniques for enhancement of
scintillation camera images; application of
modeling and parameter estimation methods to
biomedical systems; myocardial perfusion measurements
using radionuclides.

Gordon H. Templeton, Assistant Professor
Ph.D., University of Texas Southwestern Medical School, 1970
Compliance and mechanical properties of cardiac muscle;
influence of hypoxia, acidosis, pentobarbital and coronary artery
ligation on myocardial stiffness; effects of hypertonic
solutions on coronary and systemic hemodynamics in conscious animals.

 This description of the graduate program in BIOMEDICAL ENGINEERING
 will be deleted if the Coordinating Board does not approve this
 program in April, 1974.

John T. Watson, Assistant Professor
Ph.D., University of Texas Southwestern Medical School, 1971
Mechanical mechanisms for circulatory and pulmonary support;
endocrinology.

Millard M. Judy, Faculty Associate
Ph.D., Colorado School of Mines, 1969
Conformational studies on proteins by electro-
optical and dielectric constant measurements;
electro-optical equipment design and development;
electrode materials and design of electrode system
for implantation.

Adjunct Faculty

Gordon D. Cumming, Faculty Associate
Ph.D., University of Southern California, 1970
Optical spectroscopy and electro-optical measurements;
equipment and system design for optical and
magnetic resonance measurements.

OBJECTIVES

Biomedical Engineering is a joint graduate program of the Univeristy of
Texas at Arlington (UTA) and the University of Texas Health Science
Center at Dallas (UTHSCD) which is interdisciplinary and involves the
study, development and application of engineering methodology in de-
fining and solving biomedical problems. The goal is to produce indi-
viduals well prepared for and committed to distinguished careers in-
volving one or a combination of activities among research, teaching
service and consultation in academic, industrial, hospital or other
appropriate settings.

The program is not centralized in any one department, but coordinates
certain research and teaching activities of many of the departments on
both campuses in the biological, engineering, mathematical, physical
and medical sciences. The listed faculty at UTHSCD represent the
Departments of Biophysics, Internal Medicine, Medical Computer Science,
Physiology, Radiology and Surgery; dissertations may also be carried out
with other faculty members in any department as appropriate. In like
manner, a number of departments at UTA are similarly involved.

FACILITIES

The Biomedical Engineering Graduate Program will be supported by the
involved departments at UTA and UTHSCD. A number of well-equipped
research laboratories are available reflecting the interests of the
Biomedical Engineering faculty members listed above as well as those at
UTA. Classroom and graduate student office space exist on both cam-
puses. In addition, there is space at the Arlington Memorial Hospital
and the Callier Speech and Hearing Clinic which is available for re-
search in biomedical engineering.

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 This description of the graduate program in BIOMEDICAL ENGINEERING
 will be deleted if the Coordinating Board does not approve this
 program in April, 1974.

Computational facilities include the University of Texas Regional Computer Center in North Texas with its IBM 370/155 Computer (1 megabyte), which is accessible via remote job entry or interactive terminals from UTA or UTHSCD. The Medical Computing Resources Center (MCRC) at UTHSCD has a DECSYSTEM-10 and PDP-11/45 computer installation which supports interactive clinical information systems and central real-time laboratory automation. There are a hybrid computation facility and a PDP-11 computer at UTA and a number of minicomputers (one or more PDP-8, PDP-11 and PDP-12 computers) at UTHSCD.

ADMISSION REQUIREMENTS

The joint UTA/UTHSCD Graduate Studies Committee in Biomedical Engineering constitutes the Admission Committee for the program. Students must meet the admissions requirements at both UTA and UTHSCD. Basically these will include a baccalaureate degree from an accredited institution, a minimum of a 3.0 on a 4.0 scale grade average and combined quantitative and verbal scores of at least 1000 on the Graduate Record Examination.

It should be noted that there are many more applicants for the program than places available and accepted students will generally have records exceeding these minima. Students not fulfilling one or more of the basic requirements may be considered by the Admissions Committee and possibly admitted to the program as provisional graduate students who may be transferred to regular graduate student status when the provisional criteria are met.

The committee strongly recommends that applicants seeking admission in September have submitted their complete application, two letters of recommendation, GRE scores, transcripts and list of courses to be completed by the preceding April 1. In some cases a personal interview may be required.

While it is expected that most students will have an engineering background, students from other disciplines will be admitted if they have adequate prerequisites to take the proposed curriculum. Students will be required to remedy course work deficiencies in addition to meeting the degree requirements.

Limited financial support is available, generally in the form of either a teaching assistantship, or a research or other position within one of the appropriate units of either campus. An application for a teaching assistantship should be filed at the time of application for admission if one is desired.

CURRICULUM

A minimum of 30 credit hours are required for the M.S. degree: normally 13 credit hours of core curriculum, 6 credit hours of thesis or equivalent project work and 11 credit hours of courses in engineering, mathematics, statistics, biology and related physical or medical sciences. While in the graduate program, a student may take up to a maximum of 9 hours of upper division undergraduate courses towards the M.S. degree, with the approval of the Graduate Studies Committee.

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This description of the graduate program in BIOMEDICAL ENGINEERING will be deleted if the Coordinating Board does not approve this program in April, 1974.

Students in the Biomedical Engineering Graduate Program take courses at both UTA and UTHSCD in a number of departments, as appropriate to their individual programs. It must be stressed that because of the interdisciplinary nature of the program, the courses listed in this Biomedical Engineering section of the catalog represent only a very small part of the potentially useful courses available.

No specific number of hours will be required for the Ph.D. degree. Normally within a year to eighteen months after entering the program at the immediately post-baccalaureate level (or about within one semester of finishing the M.S. degree or entering the program with an M.S. degree from another program), a student will take a preliminary (diagnostic) examination to determine adequacy of preparation in relevant areas.

After the successful completion of the preliminary examination, additional course work as needed, and after preliminary research in a chosen problem area and selection and formulation of a specific appropriate project suitable for dissertation work, the student is given a comprehensive examination in which his or her biomedical engineering knowledge and dissertation proposal are examined to determine the suitability of his or her continuation in the program towards the Ph.D.

Following passage of the comprehensive examination with approval of the dissertation proposal, a supervisory committee is appointed by the Graduate Studies Committee in Biomedical Engineering with the student's major advisor or advisors as chairman or co-chairmen. This dissertation committee will review and evaluate the student's progress in addition to participating in the final oral examination and defense of the finished dissertation by the student.

COURSES

The courses listed below represent only a small portion of the relevant courses available on both campuses. Appropriate sections of this bulletin and the catalog of the University of Texas at Arlington should be consulted. The chairman of the Graduate Studies Committee should be contacted for additional course offerings.

374 Real-time Computation and Communication

Real-time data acquisition. Fundamental limitations. Background processing and interrupt systems. Analog and digital communications theory, systems, facilities and practice. Basic economic considerations. This course is the same as Mathematical Sciences 374. Prerequisite: Mathematical Sciences 152 or equivalent.

381 Biomedical Instrumentation

Introduction to biological and medical measuring, recording and simulation instruments. Study of basic functional theories, instrument characteristics, interactions between instruments and living systems and applications. This course is the same as Biophysics 381. Prerequisite: Consent of instructor.

183 Biomedical Engineering Seminar

Various topics covered in multiple formats ranging from faculty or guest lectures to presentations by participating students. May be repeated for credit. Prerequisite: Program approval.

 This description of the graduate program in BIOMEDICAL ENGINEERING will be deleted if the Coordinating Board does not approve this program in April, 1974.

384, 684 Research in Biomedical Engineering

Open to advanced students who are qualified to pursue independent or supervised investigations.

Prerequisite: Program approval.

385 Physiology for Biomedical Engineers

A study of the functional aspects of the cardiovascular, endocrine, gastro-intestinal, nervous, renal, respiratory and related systems. Topics will include biochemical and biophysical as well as regulation principles of each system.

Prerequisite: Consent of Instructor.

386 Optical and Magnetic Instrumentation and Measurements

In lecture and laboratory the design of instrumentation for optical property and magnetic resonance measurements on biological systems is explored. Design criteria based upon both physical and biological principles are developed in lecture and then used by the student in laboratory design and measurement sessions. Emphasis throughout is on both advantages and limitations in design and application of the instrumentation. This course is the same as Biophysics 386.

Prerequisite: Biomedical Engineering 381.

196, 296, 396 Special Topics in Biomedical Engineering

Advanced studies in one or more topics in or related to biomedical engineering such as anatomy, biomechanics, cardio-pulmonary dynamics or others. Given as organized courses or independent study as circumstances warrant. Course may be repeated for credit when topics vary.

Prerequisite: Program approval.

698 Thesis

Prerequisite: Program approval.

699 Dissertation

Prerequisite: Program approval.

Courses offered at the University of Texas at Arlington

5101 Biomedical Engineering Seminar

5194 Biomedical Engineering Laboratory

5311 Neurophysiological Systems Analysis

5312 Quantitative Electrophysiology

5303 Biochemistry and Materials

5345 Hospital Internship for Biomedical Engineers

5391 Selected Topics in Biomedical Engineering

5392 Directed Research in Biomedical Engineering

5395, 5695 Thesis

6396, 6696, 6996 Dissertation

This description of the graduate program in BIOMEDICAL ENGINEERING will be deleted if the Coordinating Board does not approve this program in April, 1974.

BIOPHYSICS

Amend section Objectives, as follows:

Objectives

~~This (The-interdepartmental-Biophysics)~~ graduate program was established to train scholars for independent research, teaching and service in Biophysics. Biophysics is a rapidly developing field of biology which is becoming increasingly important as a science basic to medicine. Macromolecular structure, macromolecular function, use of physical techniques in biology, contraction, membranes and transport are the areas emphasized in this program. It is recognized that there are established programs in allied areas; it is not the intention of this program to compete with the allied programs, but rather to establish viable interfaces and ~~(to)~~ complement them.

Amend section Facilities, as follows:

Facilities

Well-equipped, modern laboratories are available to pursue projects in the areas of interest to the faculty. Physical techniques, including ultracentrifugation, optical techniques, electron paramagnetic resonance and fluorescent probe facilities are available and expanded facilities for ~~(physical)~~ measurements are planned. A central computer facility is available with remote terminals as required, and there are central electronics shops, machine shops, and animal facilities.

Amend section Requirements for Admission, as follows:

Requirements for Admission

Graduate study in Biophysics requires a strong background in mathematics, chemistry and physics, as well as in cell biology, physiology, and biochemistry. To the extent possible, preparation in these fields as an undergraduate is strongly recommended and preferred. The results of the Graduate Record Examination and at least two satisfactory letters of recommendation from former instructors in science subjects or former research supervisors are required.

Suggested Undergraduate Courses

General Biology
Organic Chemistry
Physical Chemistry
General Physics
Atomic and Molecular Physics
Thermodynamics
Calculus
Differential Equations
Linear Algebra and Matrix Algebra

Amend section Curriculum, as follows:

Curriculum

The program in Biophysics is essentially tutorial and designed to fit the individual student's requirements. Any of the above courses missed as an undergraduate may be taken as a graduate student. The following graduate courses are recommended:

Biochemistry 680 - Fundamentals of Biochemistry
Biophysics 391 - Biophysical Chemistry
Cell Biology 580 - Biology of Cells and Tissues
Mathematical Sciences 393-394 - Biomathematics I and II
Biophysics 392 - Advanced Biophysical Chemistry
Physiology 582 - Neurobiology
Physiology 680 - Medical Physiology
Biophysics 401 - Cellular Biophysics I
Biophysics 402 - Cellular Biophysics II
Biophysics 396 - Special Topics in Biophysics

Before beginning a thesis, each student must pass a written comprehensive examination in biophysics, and an oral preliminary examination to demonstrate preparedness to undertake research. A language requirement must be fulfilled; demonstration of proficiency in Fortran may be substituted for a modern language. The student then undertakes his thesis research under the direction of a faculty member.

Four or five years of study normally leads to a Ph.D. degree. Joint M.D.-Ph.D. and M.D.-M.A. programs can be arranged. A program leading to an M.A. degree is offered in special circumstances.

Under Courses Offered, include the following:

Courses Offered

183 Seminar in Biophysics

Seminars of topics of current interest by staff and visiting lecturers.

381 Biomedical Instrumentation

Introduction to biological and medical measuring, recording and simulation instruments. Study of basic functional theories, instrument characteristics, interactions between instruments and living systems, and applications. This course is the same as Biomedical Engineering 381.

Prerequisite: Consent of instructor.

385 Introduction to Molecular Spectroscopy

Designed for individuals with limited background aimed at the practical use of spectroscopic techniques and interpretation data from actual experiments in terms of structural analysis. UV-visible spectroscopy, fluorescent spectroscopy, and proton and ^{13}C NMR spectroscopy will be considered.

386 Optical and Magnetic Instrumentation and Measurements

In lecture and laboratory the design of instrumentation for optical property and magnetic resonance measurements on biological systems is explored. Design criteria based upon both physical and biological principles are developed in lecture and then used by the student in laboratory design and measurement sessions. Emphasis throughout is on both advantages and limitations in design and application of the instrumentation. This course is the same as Biomedical Engineering 386.

Prerequisite: Biophysics 381.

Change the following course number (number change only):

(389) 396 Special Topics in Biophysics

CELL BIOLOGY

Amend section Curriculum, as follows:

CurriculumFirst Year

Typical courses in the first year of study include:

Cell Biology 580
 Neurobiology (Neurosciences) 582
 Immunology 189
 Gross Anatomy 681
 Human Genetics 188
 Cell Biology Seminar 183
 Physiology 281 (~~581~~)
 Biochemistry 680
 Physiology 680 (~~880~~)

Second Year

The student teaches the laboratory sessions in courses 580, 582, or 681.
 Typical courses in the second year of study include:

Microbiology 680
 Pathology
 Pharmacology 680
 Cell Biology Seminar 183

Third Year

Research, Cell Biology 184, 284, 384
 (~~Thesis; -Cell-Biology-698~~)
 Dissertation, Cell Biology 699
 Cell Biology Seminar 183

Fourth Year

Research, Cell Biology 184, 284, 384
 (~~Thesis; -Cell-Biology-698~~)
 Dissertation, Cell Biology 699
 Cell Biology Seminar 183

Under Courses Offered, include the following:

Courses Offered

196-396 Special Topics in Cell Biology and Anatomy
Seminars and lectures arranged for selected student groups.

Amend course number 699 as follows:

699 Dissertation

Open to advanced graduate students. Students organize and carry out a major research project toward satisfying partial requirements for the Ph.D. Degree.

Delete course number 698 as follows:

(698-Thesis)

(Open-to-advanced-graduate-students;--Students-organize-and-carry
out-a-major-research-project-toward-satisfying-partial-requirements
for-the-Ph.D.-Degree.)

CLINICAL PSYCHOLOGY

Amend section Objectives, as follows:

Objectives

Graduate work leading to the Ph.D. degree in clinical psychology is offered by the Division of Psychology, a component unit of the Department of Psychiatry. This program aims to provide the student with the opportunity of electing an educational sequence which emphasizes extensive professional preparation and incorporates community-wide clinical and consulting experiences, while maintaining those important basic science under-pinnings (~~which make the psychologist's approach distinctive~~) - a concern with the spirit of inquiry, responsiveness to behavioral data, critically evaluated theory. Major stress, however, is placed on a conceptualization of clinical psychology as fundamentally an applied field, a way of conceptualizing what people are like and of working with them and their environment. Emphasis, therefore, is on the functional, pragmatic preparation for professional practice in its most generic sense and at its highest level.

Over and above the traditional goals of higher education this program aims to: (1) provide the basis for a closely knit integration between psychological knowledge and responsible professional services; (2) make available a wide variety of supervised and broadly conceived clinical and consulting experiences; (3) increase sensitivity to professional responsibilities in the context of significant social needs; (4) heighten interest in formulating and implementing applied clinical psychology research; (5) develop competence and confidence in the role of psychology in multi-disciplinary settings; (6) facilitate student identification as a clinical psychologist with a minimum of ambiguity and ambivalence.

It should be noted that joint faculty-student efforts are underway during 1974 to make the curriculum more responsive to the philosophy outlined above. We therefore anticipate significant changes in the curriculum description that follows.

Amend section Curriculum, as follows:

Curriculum

The following outline is illustrative of a typical course sequence. Didactic and clinical activities are concurrent through the four years. Half-time field experience is required throughout the last three academic years, with full-time exposure during three summers. Admission to candidacy normally takes place at the end of the first calendar year. Prior to the end of the first semester of the third year students must (1) successfully complete a proficiency examination characterized by faculty committee observation of student clinical skills and (2) submit evidence of knowledge of elementary computer science and programming; at this point a doctoral committee is appointed to supervise the dissertation.

FIRST YEAR:

<u>First Semester</u>	<u>Hours</u>
Core Seminar: Learning	3
Core Seminar: Developmental	3
Clinical Methods I	3
Advanced Abnormal Psychology	3
<u>Communication Skills Lab</u>	<u>3</u>
Clin. Conference - Research Colloquium	1
 <u>Second Semester</u>	 <u>Hours</u>
Core Seminar: Social Psychology	3
Core Seminar: Psychobiology	3
Core Seminar: Personality Theories & Dynamics	3
Clinical Methods II	3
Clin. Conference - Research Colloquium	1

SECOND YEAR:

<u>First Semester</u>	<u>Hours</u>
Theories and Techniques of Group, Individual and Family Psychotherapy	3
Advanced Statistics	3
Clinical Management of Children	3
Clin. Conference - Research Colloquium	1
Internship	3-6 (2)
 <u>Second Semester</u>	 <u>Hours</u>
Theories and Techniques of Group, Individual and Family Psychotherapy	3
Research Problems & Methods	3
Theories of Behavior Modification	3
Clin. Conference - Research Colloquium	1
Internship	<u>3-6</u> (2)

THIRD YEAR:

<u>First Semester</u>	<u>Hours</u>
Principles and Practice of Consultation	3
Contemporary Approaches to Clinical Research	3
Elective	3
Clin. Conference - Research Colloquium	1
Internship	<u>3-6</u> (2)

<u>Second Semester</u>	<u>Hours</u>
Professional Issues	3
Elective	3
(Elective)	(3)
Clin. Conference - Research Colloquium	1
Internship	<u>3-6</u> (2)

FOURTH YEAR:

<u>First Semester</u>	<u>Hours</u>
Dissertation	6
Elective	3
Clin. Conference - Research Colloquium	1
Internship	<u>6</u> (2)

<u>Second Semester</u>	<u>Hours</u>
Dissertation	6
Elective	3
Clin. Conference - Research Colloquium	1
Internship	<u>6</u> (2)

Under Courses Offered, include the following:

Courses Offered370 Communication Skills Lab

Experiential and didactic training in communicational skills: basic relational skills; core conditions for helpful interaction; inter-personal process recall technique.

384 Research in Psychology

Open to full-time graduate students. Laboratory or field research carried out under supervision of a faculty member.

Change the following course numbers (number change only):

- (383) 386 Contemporary Approaches to Clinical Research
 (291) 390 Internship in Clinical Psychology
 (191) 192 Clinical Conference: Research Colloquium
 (398) 383 Seminar in Psychology

Include the following new program:

MATHEMATICAL SCIENCES
(BIOMETRY AND MEDICAL COMPUTER SCIENCE)

Chairman, Graduate Studies Committee
David J. Mishelevich, M.D., Ph.D.

Chairman, Department of Medical Computer Science
David J. Mishelevich, M.D., Ph.D.

Degree Offered
Doctor of Philosophy

Faculty and Research Interests

David J. Mishelevich, Associate Professor
M.D., Ph.D., Johns Hopkins University, 1966, 1970
Computer-based, interactive clinical information systems; real-time
laboratory automation; computer-assisted instruction; semantic analysis
of a natural language; health evaluation; iconic communications and
computer graphics.

David H. Anderson, Assistant Professor
Ph.D., Duke University, 1969
Mathematical modeling and analysis; biomathematical studies in shock and
trauma; compartmental analysis; population dynamics.

Richard H. Browne, Assistant Professor
Ph.D., Oklahoma State University, 1973
Design and analysis of biomedical experimentation; utilization of statis-
tical program packages in the analysis of biomedical data; development
of user-oriented data analysis techniques.

J. Wanzer Drane, Assistant Professor
Ph.D., Emory University, 1967
Biometrical applications; non-linear estimation and statistical inference;
construction of stochastic or deterministic mathematical models; numerical
methods for iterative calculational schemes.

Campbell B. Read, Assistant Professor
Ph.D., North Carolina State University, 1969
Mathematical statistics; distributions; sequential analysis; biostatis-
tical applications in psychology and radiobiology; suicide prevention;
epidemiology (ear disease in children, heart disease).

Shelley I. Saffer, Assistant Professor
Ph.D., Southern Methodist University, 1973
Real-time laboratory automation; patient monitoring; computer simulation
of biological systems; mathematical models of the liver; stochastic pro-
cesses; operations research applications to medicine.

Susan G. Mize, Instructor
B.A., Skidmore, 1957
Interactive clinical and administrative information systems; systems
analysis techniques; data base management systems; clinical trials;
computer-assisted instruction; longitudinal operations research studies
in student affairs.

J. Wesley Norred, Instructor

B.A., Arizona, 1968

Administrative information systems for student affairs; data base management systems; interactive computing methods.

John F. Peters, Instructor

M.S., Southern Methodist University, 1970

Operating systems for time sharing and real-time computing; parametrized machine-independent compilers; digital communication.

Lynn L. Peterson, Instructor

M.A., Duke University, 1963

General application of computers in medicine; numerical analytic techniques; simulation and modeling; instructional methods.

Joan S. Reisch, Instructor

M.S., Southern Methodist University, 1965

Design of experiments; regression analysis; computational methods in statistics; non-parametric statistics.

Adjunct Faculty

Jerome Eisenfeld, Associate Professor

Ph.D., University of Chicago, 1966

Eigenvalues; differential equations; mathematical modeling; fixed points; application of partial differential equation techniques in studies of arthritis.

John W. Van Ness, Associate Professor

Ph.D., Brown University, 1964

Multivariate analysis; time series analysis; classification; applications of statistics to the physical and medical sciences; computer-assisted medical diagnosis.

Billy J. Moore, Assistant Professor

Ph.D., Oklahoma State University, 1969

Significance testing; biostatistical methods in public and environmental health.

Objectives

The purpose of the Ph.D. Program in Mathematical Sciences, which is supported by the Department of Medical Computer Science of the Southwestern Medical School, is to provide those gifted in the mathematical, computational, information, engineering and health sciences the opportunity to prepare for and begin professional careers in research, service, consultation and teaching in the medical computer science or biometrics (biomathematics and biostatistics) areas.

Medical Computer Science and Biometry are the two tracks given at U.T.H.S.C.D. as part of the Mathematical Sciences Ph.D. Program, which is joint among the University of Texas at Arlington (U.T.A.), the University of Texas at Dallas (U.T.D.) and U.T.H.S.C.D. The reason for the joint program is to provide excellence in graduate education in Mathematical Sciences by optimizing the use of educational resources within the three University of Texas components in the North Texas region. Tracks available at one or both of the other institutions include applied mathematics, classical and modern mathematics, computer science, mathematical physics and statistics. Each of the three

institutions makes a significant and distinct contribution to the program which, in itself, offers a unique educational setting.

The student will be admitted to and enrolled in one of the three institutions which offers the track of his or her interest; however, courses can be taken at all three campuses. The diploma presented by the respective institutions to successful candidates states that the degree was jointly awarded by all three participating institutions.

The graduate program itself is aimed primarily at two types of individuals. The first type is one whose background is in the area of mathematics, engineering or computer science who desires to become intimately familiar with medical problems in the broad sense as well as expanding his or her computer and other mathematical science knowledge. The second is one trained in medicine or another health profession, who wishes to obtain the mathematical and computer-related knowledge that will permit effective application of computers and mathematics to his or her field.

The goal of the program is to produce individuals who will be prepared for successful integration of the computer and/or mathematics into the mainstream of health care delivery to the community as well as biomedical research. While some of the successful candidates will undoubtedly choose careers in teaching and research in the medical environment, many will pursue active careers in the practical applications of computers in medicine. The matter of successfully applying computers and mathematics to medical problems is not just the straight-forward application of one technical field to another, but an appreciation of the thought processes and order of priorities of medical personnel which have evolved to deliver health care successfully. Thus new models of health care delivery and research techniques can develop in an atmosphere of mutual understanding and respect.

Facilities

The graduate program in Mathematical Sciences is housed in a portion of the fifth level of the Florence Bioinformation Center in the combined quarters of the Medical Computing Resources Center (MCRC) and the Department of Medical Computer Science. The Florence Bioinformation Center is a five-story building which is centrally located within the Health Science Center and shared by the Library, the Office of Instructional Communications and the MCRC.

The personnel and facilities of the Medical Computing Resources Center provide consultation and service in the areas of scientific applications, real-time laboratory support, operations research and data base management systems, computer-assisted instruction, clinical information systems, text processing and computer graphics. In addition to consultation in computer services, the Center provides systems analysis, programming and data entry.

The MCRC is the major laboratory for the Department of Medical Computer Science of Southwestern Medical School. Available computing facilities include the University of Texas Regional Computer Center in North Texas (on campus) with its IBM 370/155 computer (1 megabyte). The MCRC has a Digital Equipment Corporation DECsystem-10 computer, which acts as a remote-job-entry terminal to the University of Texas Regional Computer Center in North Texas, provides for interactive on-line clinical information systems and, with a PDP-11/45 associated computer, provides a central facility for real-time computing activities. Both the IBM 370/155 and the DECsystem-10 computers provide for support of interactive hard copy and cathode-ray-tube displays.

Requirements for Admission

The Graduate Studies Committee in Mathematical Sciences is the Admissions Committee for the program with selections subject to the approval of the Dean of the Graduate School of Biomedical Sciences.

Because of the inherently interdisciplinary nature of the program, there are no specific minimal undergraduate course requirements, and the Admissions Committee will judge the adequacy of preparation. It may require additional coursework prior to admission or concurrent with the first year of graduate study. For both tracks, a strong background in modern mathematics, basic computer programming, inorganic and preferably organic and/or physical chemistry as well as physics and biology are highly recommended. Students interested in the Biometry track should have a strong basic statistics background while those desiring the Medical Computer Science track should have experience in operating systems, systems programming, systems architecture and an analysis of programming languages.

A candidate must meet all of the general requirements of the Graduate School of Biomedical Sciences and must submit two copies of the Graduate School application, complete transcripts for all academic work, two letters of recommendation and a report of performance on the Graduate Record Examination. In addition, a list of courses in which the student is enrolled or plans to complete prior to graduation from his or her current program should be submitted.

The applicant must achieve a minimum combined score of 1000 on the Quantitative and Verbal sections of the Graduate Record Examination, and an overall average of B or better for previous academic work is required. Note that there are many more applicants than places available and successful applicants will in general have qualifications that substantially exceed these minima.

A student lacking one or more of the above requirements may apply for admission as a provisional graduate student. Upon fulfillment of all requirements, he or she will be changed to regular graduate student status.

The Committee strongly recommends that applicants seeking admission in September have submitted their complete applications including related materials by the preceding April 1. In some cases, the Admissions Committee may require personal interviews.

Financial support is generally in the form of either a Teaching Assistantship or an up-to-one-half-time programmer analyst position in the Medical Computing Resources Center. An application for a Teaching Assistantship should be filed at the time of application for admission if one is desired.

Curriculum

While the graduate program is tailored to the individual needs of the student, it is generally designed for a four-year program, including three summers involved in courses or research. Courses are usually taken at the three institutions participating the joint program: UTA, UTD and UTHSCD, although work at other universities or colleges may be appropriate with some courses being available via the TAGER-TV network. Normally a third to one-half of the courses taken by a mathematical sciences graduate student will be non-UTHSCD courses.

Within the first year to eighteen months of study, the student will take a preliminary (qualifying) examination to determine preparedness to go further. Before beginning the dissertation, and usually about two years into the program, the student must pass a comprehensive examination in mathematical sciences at which time he or she will usually have prepared and be examined on the research proposal for the dissertation work. A student successfully passing this examination is admitted to candidacy and a supervisory committee is appointed with the supervising professor as chairman. In addition to reviewing and evaluating the student's research program, the supervising committee will participate in the final oral examination of the student.

Courses Offered

150 Computers in Medicine

A general overview of the computer as a natural tool for those in the health field. As such, the course covers a broad spectrum of computer applications and techniques. Areas of emphasis are hardware, software, systems analysis, computer-assisted instruction, clinical information systems, real-time computing and scientific applications.

No prerequisites (a background in programming is not required.)

152 Fundamental Computer Programming with Emphasis on FORTRAN

Essentials of the FORTRAN and related programming languages are presented. The primary use of these languages is for scientific problems. In laboratory periods, students work on assigned problems and on ones of their own choosing, using available computer facilities. Following completion of the course, the student should be able to write programs to do his own data analysis. Offered on request. Optional language requirements of several graduate departments.

No prerequisites.

363 Computer-Assisted Instruction

Examination of the state-of-the-art in the use of computers as a resource in the process of instruction. Application of selected techniques to education in the medical and related sciences in terms of both the basic CAI programs and instructional media will be made by the student.

Prerequisite: Mathematical Sciences 152 or equivalent.

364,365 Information Retrieval and Data Base Management Systems I & II Principles, methods and techniques for data base management and information retrieval. Detailed discussions of creation of data files, information updating, inquiry and retrieval methods of specific information or as a regular reporting activity. Analysis and discussion of effects of operational and environmental considerations on data base management and information retrieval systems. Topics will include complementary software systems to interface with the data base, and management and administration of the data base.

Prerequisite: Departmental approval.

366 Advanced Operating Systems and Systems Programming

Stress on interactive and real-time considerations. Multi-processor and virtual memory concepts. Sub-monitors. System design, implementation, documentation and operation.

Prerequisite: Departmental approval.

368 Clinical Trials

Introduction to administrative and computer techniques required by investigators for a successful clinical trial. Emphasis will be placed on experimental design, recordation of data and form design to aid in analysis of data.

Prerequisite: Basis statistics course approved by instructor.

369 Business Applications in Medicine

Fiscal planning and execution is covered, including application in a medical school, hospital, clinic and private practice environment.

Responsive systems with useful reporting features are stressed.

Prerequisite: Departmental approval.

371, 372 Clinical Information Systems I & II

Systems for patient care records, medication, laboratory data collection, critical patient monitoring, appointment scheduling, clinical educational programs and other areas are examined. Interactive languages and time-sharing input-output devices are used as the primary software tools. Project oriented.

Prerequisites: Mathematical Sciences 152 and departmental approval.

173, 273, 373 Special Topics in Medical Computer Science

Advanced studies in one or more topics selected from computer-aided medical diagnosis, iconic communications and computer graphics, computer-based analysis of natural language, patient monitoring, analog and hybrid computation, heuristic methods, artificial intelligence or others. Given as organized courses or independent study as circumstances warrant. Course may be repeated for credit when topics vary.

Prerequisite: Departmental approval.

374 Real-time Computation and Communications

Real-time data acquisition. Fundamental limitations. Background processing and interrupt systems. Analog and digital communications theory, systems, facilities and practice. Basic economic considerations.

Prerequisite: Mathematical Sciences 152 or equivalent.

176 Computer Medicine Rounds

Computer applications in medicine including both health care delivery and research. Patients seen provide educational foci for discussion of topics in applied medical computer science, biometry and human biology. May be repeated for credit.

Prerequisite: Departmental approval.

381 Mathematical Concepts in Medicine and Biology

This course shows the relationships in medicine and biology to the concepts of modern mathematics as found in logic, probability, and the differential and integral calculus.

Prerequisite: Algebra.

382 Mathematics in Medicine and Biology

The background for understanding the mathematical aspects of the various volumes of the Handbook of Physiology is developed. An introduction is given to the kinetics of chemical reactions, tracers, and compartment theory, and population growth curves.

Prerequisite: Mathematical Sciences 381 or introductory calculus.

183 Mathematical Sciences Seminar

Various topics in mathematical sciences stressing biometry and medical computer science using various formats including student literature search, preparation and presentation of subject matter. Required course for graduate students in mathematical sciences which may be repeated for credit.

384, 684 Research

Open to advanced students who are qualified to pursue independent or supervised investigations.

Prerequisite: Departmental approval.

386, 387 Statistics of Medicine and Biology I and II

This two-semester sequence is designed for the medical fellow and graduate student in the basic health sciences to better prepare him to read and evaluate scientific papers in his own discipline. Statistical inference and Methodology is emphasized over the calculus of probability. Students are required to use the computer and the statistical programs of the Medical Computer Resources Center. Topical coverage is flexible and is altered according to the various areas of research represented by the students.

Prerequisite: Consent of instructor.

188, 288, 388 Biometrical Consulting

Practical experience in consulting in biomathematics and biostatistics under the guidance and supervision of a faculty member. May be repeated for credit.

Prerequisite: Departmental approval.

391 Biometrical Analysis I

Applications of statistical methods to problems in medicine and biology requiring data analysis are covered, including descriptive summaries, one- and two-sample problems, nonparametric methods, and simple analysis of variance. Students work through case studies, and learn how the computer is used in statistical analyses. A course in theory of statistics should be taken concurrently.

Prerequisite: Calculus and linear algebra.

392 Biometrical Analysis II

A continuation of Biometrical Analysis I. The course covers experimental design and analysis of variance models, correlation, linear regression, analysis of covariance and nonlinear inference.

Prerequisite: Mathematical Sciences 391.

393, 394 Biomathematics I, II

This is a course in building and analyzing models using case studies in population dynamics, tracer analysis, enzyme kinetics, diffusion and transport theory, blood flow dynamics and other examples. Mathematical topics: differential equations, iterative methods, linear approximations, perturbation theory, compartment analysis, curve fitting, graph theory, integral transforms, non-linear methods and others.

Prerequisites: Advanced and multivariable calculus, differential equations, linear algebra.

196, 296, 396 Special Topics in Biometry

Advanced studies in one or more topics selected from demography, ecology, epidemiology, inference population dynamics, population genetics, psychometrics or others. Given as organized courses or independent study as circumstances warrant. Course may be repeated for credit when topics vary.

Prerequisite: Departmental approval.

699, 999 Dissertation

Prerequisite: Departmental approval.

MICROBIOLOGY

Amend section Curriculum, as follows:

Curriculum

All entering students are expected to enroll in Microbiology 680 and 281 (280) in their first year. Requirements for additional coursework will depend on each student's background and area of interest and will be determined by the Graduate Studies Committee. Predoctoral students are expected to take Biochemistry 680 during their first or second year, unless they have had equivalent training. All students must take Microbiology 283 (seminar) each semester they are enrolled in the graduate program.

Entering students are encouraged to become involved in research as soon as possible. Students seeking a Master's degree must present a satisfactory thesis based on research performed under the guidance of a faculty member.

The Department of Microbiology is in a state of rapid expansion, particularly in the areas of immunology, virology and genetics. Additional graduate courses are being developed in these areas and will be made available during the 1974-6 school years.

Students pursuing a Ph.D. program are required to pass a qualifying examination for admission to candidacy. This will examine the student's competency in the broad area of microbiology as well as in his chosen specialty area. It is usually taken during or after the second year of training. A demonstration of reading competence for one foreign language is also required. Following admission to candidacy a supervisory committee is appointed with the supervising professor as chairman. This committee will review and evaluate the student's progress and will, upon completion of the dissertation based on original research, participate in the final oral examination of the student.

Under section Courses Offered, amend course number 280 as follows:

(280) 281 Parasitology

The content of courses 680 and (280) 281 is identical to Course I offered second year medical students. Course I in Medical Microbiology is designed to familiarize medical students with the fundamentals of etiology, pathogenesis, diagnosis and prevention of infectious diseases. Initially there is a brief introduction to microbiology as a basic science through discussions concerned with microbial physiology and genetics and basic principles of immunology. As the course proceeds the various factors involved in host-parasite interrelationships for specific groups of disease-producing agents including the bacteria, fungi, rickettsiae, viruses, protozoa and helminth parasites are discussed. Immunologic disorders as well as the application of immunological principles to diagnosis and therapy are stressed. Throughout the course an effort is made to dovetail presentations with those in the Introduction to Disease course. (See Southwestern Medical School Bulletin.)

Change the following course number (number change only):

(293-493) 296-496 Special Topics

PHARMACOLOGY

Amend section Curriculum: CANDIDATES FOR PH.D. DEGREE, as follows:

CANDIDATES FOR PH.D. DEGREE

Required courses

First Year

Medical Physiology (880) 680

Neurobiology (Neuroanatomy-&Neurophysiology) 582

Fundamentals of Biochemistry 680

Endocrinology and Human Reproduction 281

Second Year

Medical Pharmacology 680

Statistics of Medicine & Biology I & II (382) 386 & 387
(C&B) or equivalent

Third & Subsequent Years

Research in Pharmacology 483, 484 or (Thesis-698-or)
Dissertation 699

In addition, the student will take advanced courses (188, 288, 388) in (~~specialized-areas-of~~) pharmacology and Special Topics (189, 289, 389) (196-396) such as seminar programs and Journal Club presentation whenever these courses are offered throughout his stay in the department.

Amend section CANDIDATES FOR MASTER'S DEGREE, as follows:

CANDIDATES FOR MASTER'S DEGREE

Required courses

Medical Pharmacology 680

Thesis 698

(~~Dissertation-699~~)

Other courses will be determined according to the student's background and desired employment objective.

Amend section Courses Offered, as follows:

Courses Offered

680 Medical Pharmacology

The major purpose of the instruction in pharmacology is to prepare the student for the clinical study of therapeutics by providing him with a knowledge of the manner in which drugs modify functional activity in the organism. After a brief survey of the general principles of pharmacology, the chief work of the course is concerned with experimental pharmacodynamics. Lectures on pharmacological and toxicological properties of some drugs are closely correlated with laboratory work. The relevance of basic pharmacology to clinical applications is stressed.

183 Pharmacology Seminar

384, 484 Research in Pharmacology

188, 288, 388 Advanced Pharmacology

This course provides for thorough analysis of major principles of pharmacology with emphasis upon research techniques and approaches as well as basic mechanisms of drug action.

Prerequisite: Pharmacology 680 or equivalent.

(189,-289,-389) 196 - 396 Special Topics in Pharmacology

Special courses in specific areas of pharmacology, such as neuropharmacology, renal pharmacology, endocrine pharmacology and toxicology will be offered by arrangement. Concepts and recent advances will be discussed with particular emphasis placed upon critical evaluation of current views and theories. (Neuropharmacology;-chemical;-renal endocrine;-pharmacology;-and-toxicology-may-be-available-on-an alternate-schedule-with-more-than-one-section-possibly-offered-simultaneously:--The-course-may-be-repeated-for-credit-when-the-topics vary:)

698 Thesis

699 Dissertation

PHYSIOLOGY

Amend section Objectives, as follows:

Objectives

Physiology is the study of the function of living organisms and of their various parts. Physiologists may be primarily interested in measuring and describing these functions, or they may be interested in the neural and hormonal control mechanisms for these functions.

The training leading to a Ph.D. in Physiology prepares the student for a research-oriented career which may be either as an individual investigator or as a member of a research team. Most Ph.D.'s in Physiology combine a career in research with teaching in a medical or dental school. For this reason, the program is also designed to prepare the student for such teaching.

Much of the research done in the department is on experimental animals. However, this research is planned with the aim of achieving a better understanding of the function of the human body, or of developing methods of study which may be applied to the human being.

The Master's degree program is not recommended by our staff to those who wish to pursue a doctoral program. The faculty feels that the additional time required would be better spent in postdoctoral training. The Master's program does prepare the individual for teaching at a lower level in our educational system or for a position as a research associate working under the supervision of a scientist doing independent research.

Current research programs in the Department cover many specialized areas of Physiology. Several endocrinologists are combining multidisciplinary approaches to a study of the neural control of the pituitary gland with particular reference to the hormones which influence the reproductive system. Investigations in the area of neurophysiology deal with the role of the central nervous system in sexual behavior and reproduction, temperature regulation, cardiovascular function, the mechanism of seizure, the control of aversive behavior and the physiology of hearing. Several aspects of membrane physiology are under investigation in the Department, particularly the structure and function of cell membranes as related to their ability to transport ions to and from extra-cellular fluid and also the function of intestinal membranes in absorption of fatty acids. Research in the area of cardiovascular physiology covers the functions of cardiac muscle, its mechanics and metabolism, and extends (~~extend~~) to detailed examination of the regulation of cardiac function and behavior during stress, in both animals and humans. Another specialty in the department is the investigation of the secretions and motility of the gastrointestinal tract in response to gastrointestinal hormones and various pharmacological agents.

These research programs are being pursued at levels of organization ranging from the molecular level of physiological chemistry up through the level of subcellular physiology and individual tissues or organs to the integrated inter-system relations as they function in the whole body.

Amend section Facilities, as follows:

Facilities

The approach to research in the Physiology Department has demanded the acquisition and application of the most modern equipment and facilities ranging from central and individual housing for experimental animals to apparatus for monitoring cardiac performance during exercise; from the physiograph to the ultracentrifuge; and from environmentally controlled chambers and shielded rooms for neurophysiological microelectrode studies to automatic beta and gamma scintillation counters for radioisotopic studies. Also available are on- and off-campus computing facilities by means of time sharing terminals and remote batch processing, and access to on- and off-line computer in individual laboratories. The Department is conveniently located in (~~on-rather-more-than-one-whole floor-of~~) the new Basic Science Research Building which was opened in 1972 and includes its own conference room and library, with study rooms or offices for the sole use of graduate students of whom 16 (~~17~~) were in residence in 1973-74 (~~1973~~).

Amend section Curriculum, as follows:

Curriculum

The required courses for the Doctoral program are divided into those courses which are taken on the campus of the University of Texas Health Science Center at Dallas and those courses which must be completed on nearby undergraduate campuses.

At UTHSCD the first-year courses are Cell Biology, Human Genetics, Immunology, Biochemistry, Human Physiology, Neurobiology (~~Neuroanatomy-and Neurophysiology~~), Endocrinology and Human Reproduction, and Physiology Seminar. During the subsequent years the student is required to complete courses in Medical Pharmacology, two different "Special Topics in Physiology" courses, Supervised Teaching, and Statistics. In addition, the Physiology Seminar course must be completed each year except the year of graduation.

A major portion of work after the first year will consist of a research course in Physiology. After June of the first year of study, each student begins work under a supervising professor. The selection of the supervising professor for each student is made by the staff based upon the student's stated research interest and preference, and on the space and time the staff member has available for the student's work. The supervising professor must be a member of the Graduate Faculty in Physiology.

Courses on other campuses: Students must complete the following college level courses before they receive the Ph.D. degree. Many of these will have been completed before admission into the program. In mathematics, courses must be completed in differential and integral calculus, and (~~a-course~~) in differential equations; in chemistry, courses in general chemistry, organic chemistry and physical chemistry; and in physics, two semesters of general physics. The Graduate Studies Committee in Physiology will decide whether a designated course at a given school satisfies these requirements.

During the course of an individual's program the supervising professor may recommend courses of comparable difficulty as substitutes for differential equations or physical chemistry. The Graduate Studies Committee in Physiology must approve such changes in the required curriculum.

Examination for Admission to Candidacy for Ph.D. Degree: During the course of study each student must take an examination for admission to candidacy for the Ph.D. degree. This is a comprehensive examination on work up to that date. It consists of two parts, a written examination and an oral examination which are given approximately 4 weeks apart. The supervising professor of the graduate student makes the decision as to when the student is ready for the examination.

Language Requirements: The Department of Physiology requires that a student show proficiency in one modern foreign language or in Fortran computer language in order to obtain the Ph.D. degree in Physiology.

The proficiency in the modern foreign language may be satisfied in one of three ways:

- 1 Students may present an official transcript showing 12 semester hours or 18 quarter hours of course work in a modern foreign language with an average grade of B or better or credit for such courses on the basis of an examination for advanced standing. This course work must have been taken at an approved institution.
- 2 They may pass the foreign language examination of the Educational Testing Service. Official notification from the ETS of the score is required. The score must rate in the upper 2/3 of those natural science graduate students participating in testing in the same foreign language. The actual score requirements will vary, depending on the language.
- 3 They may pass the Ph.D. language requirement at another approved university before being admitted to this graduate school. A certificate to this effect from the prior institution is required.

If the student elects to show proficiency in Fortran computer language, the proficiency must be certified by the Medical Computing Resources Center of the Southwestern Medical School. They offer a course of study which is designed to train the student to the required level of proficiency in Fortran.

A typical sequence of courses in the Doctoral Program might be:

First Year

Sept. - June
 (~~Sept~~) Biology of Cells and Tissues
 Human Genetics
 Immunology
Fundamentals of Biochemistry
Medical (Human) Physiology
 Neurobiology
 Endocrinology and Human Reproduction
 Physiology Seminar

June - Sept.
 Research in Physiology

Second Year

Sept. - June
 Special Topics in Physiology
Medical Pharmacology
 Physiology Seminar
 Research in Physiology
 Supervised Teaching
 Undergraduate Courses such as Physical Chemistry, Calculus

June - Sept.
 Research in Physiology

Third Year

Sept. - June
 Special Topics in Physiology
 Research In Physiology
 Statistics of Medicine and Biology
 (Computer-programming;-Basic) Fortran Programming
 Physiology Seminar

June - Sept.
 Research in Physiology

Fourth Year

Research in Physiology
 Dissertation

Course requirements for the Master's Program are:

First Year

The same courses as the typical Ph.D. program.

Second Year

Special Topics in Physiology
 Supervised Teaching
 Research in Physiology
 Thesis

The Master's program takes 21 to 24 months to complete. The Graduate Studies Committee in Physiology may allow advanced standing to students entering the program with training beyond their Bachelor Degree, but in no event will the program be shortened to less than one year.

Amend section Courses Offered, as follow:

Courses Offered680 (880) Medical Physiology

This course consists of lecture and laboratory work supplemented by group conferences. The course begins with instruction in the use of standard physiological laboratory apparatus and a consideration of the physiology of biological membranes. This is followed by a more comprehensive study of the physiology of blood, skeletal muscle, circulation, respiration, digestion, excretion, water and eletrolyte balance and special senses. Emphasis is placed on the practical aspects of human physiology. The laboratory experiments are designed to illustrate important principles of the subject. Close correlation is maintained between laboratory studies and the subject matter of lectures.

281 (581) Endocrinology and Human Reproduction

The course is designed to give an overview of the structural, functional and biochemical aspects (1) of cells and organs of internal secretion and (2) of those tissues which are prime targets of hormones secreted by endocrine tissues. The course consists of an in-depth consideration of hypothalamic, pituitary, thyroid, pancreatic, parathyroid, adrenal and gonadal function as well as a detailed discussion of such hormonally-dependent exocrine glands as the seminal vesicles, prostate, endometrium and mammary tissue. Special emphasis is placed on spermiation, ovulation, fertilization, implantation and pregnancy. The involvement of trophoblastic tissue in trophic hormone secretion, steroid-ogenesis and in immunologic reactions is stressed. In addition, human sexuality and the use of antifertility agents in the control of population growth is discussed. Approxi-

mately half of the course consists of basic material. The remainder is devoted to the presentation, illustration, and discussion of selected clinical cases which exemplify derangement of normal endocrine function.

582 Neurobiology

This is given jointly by the Departments of Cell Biology and Physiology. Basic neuroanatomy and neurophysiology are developed in a progressive fashion starting with structure-function of nerve cells. The presentation of reflexes and motor control, of sensory systems and sensory integration illustrate basic principles of nervous system organization. Higher functions, including behavior and sleep, plus topics of direct clinical and basic research interest such as EEG and epilepsy, are discussed in relation to this material. The structural features of the nervous system are emphasized by laboratory dissection, prosected materials and slides. Demonstrations illustrate neurophysiological techniques and principles. The course material includes presentation of patients with characteristic disorders of the nervous system. Also participating are the Departments of Neurology, Neurosurgery and Pathology.

183 (182) Physiology Seminar

Seminars are held on special topics not sufficiently covered in lecture courses. Student assignments are made with the aim of increasing knowledge of the literature and of training in the preparation, evaluation and presentation of information to others. One hour credit each semester.

285 Psychoneuroendocrinology of Reproduction

The material presented will consist of a detailed review of the role of nervous afferents to hypothalamic centers controlling pituitary function and influencing reproductive as well as sexual behavior. Among the subcortical structures to be considered are the olfactory bulb, limbic system and reticular formation in the organization of the psychophysiology of sex. In addition, emphasis will be placed on the organization of sexual behavior by hormonal action during the prenatal and postnatal period in mammals. Two hours credit.

386 Foundations of Neurobiology and Neurology

The physiology of the nervous system is presented with emphasis on newly developing principles of structure and function. Topics will include: membrane processes, sensory-motor integration, pathological states, behavior and neurophysiological models. Students will be given ample opportunity to learn neurophysiological research techniques.

Prerequisite: Physiology 582 or equivalent.

~~(The-nervous-system-from-several-points-of-view;-basic-cellular-processes;-sensory-motor-integration;-pathological-states-and-behavior. Emphasis-will-be-on-newly-developing-principles-of-structure-and-function;-including-introduction-to-formulation-of-models;--Students-will-have-opportunity-to-become-familiar-with-stereotaxic-and-micro-electrode-procedures;-focal-lesioning-and-chronic-electrode-implantation;--Prerequisite:--Course-583-or-equivalent:)~~

389 Supervised Teaching

The student assists in the teaching in the laboratory of the course in Medical Physiology 680 (880). Selected students also lecture in courses taught by the Department of Physiology in the School of Allied Health Sciences.

Prerequisite: Physiology 680 (880) or equivalent.

196 - 396 (~~188~~, -288, -388) Special Topics in Physiology

Special courses in various aspects of the subject, such as cellular physiology, endocrinology, cardiovascular, gastrointestinal, and body fluid physiology will be offered by arrangement.

284, 484 Research in Physiology

The research in physiology which the student does under the direction of a supervisor is considered as a course for credit.

698 Thesis

The student works under the direction of a supervisor to write a Master's Thesis. Examination on the completed thesis is by a committee of faculty members, one of whom must be from another institution.

RADIATION BIOLOGY

Under Courses Offered, change the following course numbers (number change only):

(~~188~~;~~-288~~;~~-388~~) 196 - 396 Topics in Radiation Biology

(~~189~~;~~-289~~;~~-389~~) 195 - 395 Topics in Nuclear Medicine

RADIOLOGICAL PHYSICS

Amend section Curriculum, as follows:

Curriculum

The course requirement for candidates varies depending on the candidate's background. However, the following courses are required of all candidates: (1) Physics 5318 - Advanced Nuclear Physics, (2) Physics 5321 - Modern Physics, (3) Radiology 382 - Applied Radiological Physics, (4) Radiology 396 (389) - Topics in Radiological Physics, and (5) Radiology 698 (689) or Physics 5698 (5689) - Thesis. Other graduate courses in physics, radiological physics, and related areas will be selected by the candidates and the graduate advisor.

Under Courses Offered, include:

392 Diagnostic Radiological Physics

Basic principles of x-ray production and interaction. The x-ray image and parameters that affect the image quality. Dosimetric concepts and imaging system. Laboratory measurements will be made.

393 Physics of Radiotherapy

Production and interactions of ionizing radiation. Principles of dosimetry and instrumentation. Dosimetry applications for external beam, interstitial and intracavitary therapy. Laboratory measurements will be made.

394 Nuclear Physics and Physics of Nuclear Medicine

Nuclear decay and emission, detection and recording radiation. Nuclear medicine instrumentation. Image quality and parameters. Laboratory measurements will be made.

Change the following course numbers (number change only):

(~~187~~) 183 Seminar

(~~189,-289,-389~~) 196-396 Topics in Radiological Physics

(~~390~~) 397 Readings in Radiological Physics

The sections entitled COURSES OFFERED IN OTHER DEPARTMENTS and SIGMA XI GRADUATE RESEARCH FORUM, which appeared in the 1973-74 Bulletin of the Graduate School of Biomedical Sciences, have been deleted. The former has been supplanted by new teaching programs which are described in detail on preceding pages of this document, and the latter was deemed extraneous.

This concludes the requested changes, additions and/or deletions to the 1974-76 Bulletin of the Graduate School of Biomedical Sciences, The University of Texas Health Science Center at Dallas, 5323 Harry Hines Boulevard, Dallas, Texas 75235.

2000

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS
SCHEDULE OF ADDITIONAL (OR CHANGES IN)
FUNDING OF CONSTRUCTION PROJECTS

Project No.	Project Title	Source of Funds		Amount
		From	To (New or Additional Appropriation)	
03-111	Ophthalmology Building	Other Sources	PUF	\$ 10,000.00
03-241	Faculty Center	Other Sources	PUF	10,000.00
03-104	Expansion of Physical Plant	PUF	Other Sources	20,000.00

Legend

UF - Permanent University Fund Bond Proceeds

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON

March 25, 1974

Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the May 3, 1974, meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,

T. G. Blocker, Jr.
T. G. Blocker, Jr., M.D.
President

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTONINSTITUTIONAL DOCKETBOARD OF REGENTS' MEETING MAY 3, 1974APPOINTMENTS AND/OR CHANGES OF STAFF STATUS OF MEMBERSHIPS ON THE MEDICAL STAFF OF THE UNIVERSITY OF TEXAS MEDICAL BRANCH HOSPITALS AT GALVESTON: -

On the recommendation of the Executive Committee of the Medical Staff, approval of the following recommendations is respectfully requested:

1. Change the staff status of Frank E. Emery, M.D., Assistant Professor, Division of Orthopedic Surgery, Department of Surgery, from Full Time Assistant Attending Membership on the Medical Staff to Full Time Attending Membership on the Medical Staff with private patient privileges.
2. Appoint Ethel Patten, M.D., Assistant Professor, Department of Internal Medicine, to Full Time Attending Membership on the Medical Staff with private patient privileges.
3. Appoint James D. Lindley, M.D., Assistant Professor, Department of Internal Medicine, to Full Time Attending Membership on the Medical Staff with private patient privileges.
4. Appoint William H. Hulet, M.D., Professor, Department of Internal Medicine, to Full Time Attending Membership on the Medical Staff with private patient privileges.
5. Appoint Pranab Ray, M.D., Assistant Professor, Department of Radiology, to Full Time Assistant Attending Membership on the Medical Staff with private patient privileges.

GIFTS: In compliance with Section 1, Subsection 1.3 of Chapter I of Part Two of the Rules and Regulations of The Board of Regents for the Government of The University of Texas System, I recommend approval for the acceptance of the following gifts:

<u>Donor and Address</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
1. Mr. Ralph Eads P. O. Box 36448 Houston, Texas 77036	For support of Multidisciplinary Research in Mental Health under the direction of Dr. Allan L. Goldstein, Professor and Director, Division of Biochemistry, Department of Human Biological Chemistry and Genetics. (The funds represent the proceeds from the sale of 750 shares of Mostek Corporation Common Stock donated by Mr. Eads)	\$ 23,062.50
2. The Ellwood Foundation P. O. Box 20282 Houston, Texas 77025	For support of Multidisciplinary Research in Mental Health under the direction of Dr. Allan L. Goldstein, Professor and Director, Division of Biochemistry, Department of Human Biological Chemistry and Genetics.	\$ 50,000.00

GIFTS - continued

<u>Donor and Address</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
3. Houston Endowment, Inc. P. O. Box 52338 Houston, Texas 77052	For support of Multidisciplinary Research in Mental Health under the direction of Dr. Allan L. Goldstein, Professor and Director, Division of Biochemistry, Department of Human Biological Chemistry and Genetics.	\$100,000.00
4. *Mr. Edward Simms Kitchen c/o Mr. Bernard Z. Lee Seidman & Seidman, Certified Public Accountants 15 Columbus Circle New York, N.Y. 10023	For support of Multidisciplinary Research in Mental Health under the direction of Dr. Allan L. Goldstein, Professor and Director, Division of Biochemistry, Department of Human Biological Chemistry and Genetics.	\$ 10,000.00
5. *Medical Branch Hospital Auxiliary c/o Mrs. Jane M. Welford, President 1109 Harbor View Drive Galveston, Texas 77550	For support of scholarships (Rosa Mae Pietsch Nursing Scholarships) for nursing students in the Clinical Nursing School at Galveston. (This is reported as an extension of a previous gift previously docketed - Board of Regents' Minutes of April 23, 1971, Item No. 10, Page G-3)	\$ 5,000.00

*No letter of transmittal received from the donor.

6. We have received two checks totaling \$25,000.00 from the donors listed below for support of research on Enzyme Therapy of Neoplasia (\$10,000.00) directed by Dr. Creed W. Abell, Professor, Division of Cell Biology, Department of Human Biological Chemistry and Genetics, and for research on the Thymosin Program (\$15,000.00) directed by Dr. Allan L. Goldstein, Professor and Director, Division of Cell Biology, Department of Human Biological Chemistry and Genetics:

<u>Donor and Address</u>	<u>Amount</u>
Mr. Don Yarborough 2016 Main Street Houston, Texas 77002	\$ 5,750.00
Mr. Charles Signor 508 Central National Bank Building Travis and West Gray Houston, Texas 77002	\$ 5,750.00
Mr. Lester Kamin 508 Central National Bank Building Travis and West Gray Houston, Texas 77002	\$ 5,750.00
Mr. David Adickes 2201 Welch Street Houston, Texas 77019	\$ 5,750.00
Mr. Miles Glaser 800 Central National Bank Building Travis and West Gray Houston, Texas 77002	\$ 2,000.00
	<u>\$ 25,000.00</u>

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL):

1. American Hoechst Corporation
Hoechst Pharmaceuticals, Inc.
Box 2500
Somerville, New Jersey 08876

Research Project - Evaluation of Peroxidase-Labeled Antibody
\$3,457.50
January 1, 1974 until completion of project
Dr. Gerald A. Beathard
Support of the continuation of an on-going project.
2. California Institute of Technology
Purchasing Office
Pasadena, California 91109

Supplemental Agreement No. ² to Subcontract No. 66-703427 under
NASA Contract No. NAS 1-9703
September 1, 1972 through March 31, 1977
This contract will provide services to NASA for the Viking 1975
Mars Mission
Dr. Gary V. Latham
This supplement amends Article 4, Paragraph A.1. to increase the
total amount allotted to \$41,500 for the period September 1, 1972
through June 30, 1974. There is no change in the total contract
award or performance period.
3. Merck Sharp & Dohme
Division of Merck & Co., Inc.
Rahway, New Jersey 07065

Research Project - Experimental Leprosy in Hairless Deer Mice
\$500.00
Dr. A. Packchianian
Support for the continuation of an on-going research project.
4. The Moody Foundation
704 Moody National Bank Building
Galveston, Texas 77550

Grant No. (74) 73-143
\$50,000
March 1, 1974 through February 28, 1975
Dr. Barbara H. Bowman
To assist in the development of clinical research to determine
the early diagnosis and treatment of cystic fibrosis.
5. The Moody Foundation
704 Moody National Bank Building
Galveston, Texas 77550

Grant No. (74) 73-231
\$12,600
May 1, 1974 through April 30, 1975
Dr. Edward N. Brandt, Jr.
To assist in the continuation of the recruitment of minority
students into the medical program of The University of Texas
Medical Branch at Galveston.

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL) - continued

6. The Moody Foundation
704 Moody National Bank Building
Galveston, Texas 77550
- Grant No. (74) 73-238
\$100,000
May 1, 1974 through April 30, 1976
Mr. Emil Frey
To assist in expanding the collection of the History of Medicine and to underwrite expenses connected with the cataloging of the Rare Book Collection in the Moody Medical Library.
7. The Moody Foundation
704 Moody National Bank Building
Galveston, Texas 77550
- Grant No. 74-31
\$60,000
March 1, 1974 through February 28, 1975
Dr. M. L. Ross
To assist in the establishment of a computerized medical record system within the Department of Family Medicine.
8. National Society for the Prevention of Blindness
79 Madison Avenue
New York, New York 10016
- Research Grant - Electrophysiological Properties of Individual Lens Fibers
\$4,500
February 1, 1974 through January 31, 1975
Dr. James L. Rae
9. *San Jacinto TB and RD Association
San Jacinto Lung Association
2901 West Dallas
Houston, Texas 77019
- Research Project - Characterization of the α_1 Antitrypsin of Normal Human Serum
\$5,000
March 1, 1974 through February 28, 1975
Dr. Barbara H. Bowman
10. Vending Machine Contract between The University of Texas Medical Branch at Galveston and ARA Services of Greater Houston, Houston, Texas, by which the ARA Services of Greater Houston will operate the vending machines on the campus of the Galveston Medical Branch for Gum (7 stick) and Mints at a unit sales price of 10¢ each, Candy, Cookies, Crackers (cheese, peanut butter, etc.) at a unit sales price of 15¢ each, and Pastries at a unit sales price of 15¢ and 20¢ with a 16.5% commission on each product. The contract extends from September 1, 1973 through August 31, 1975. The contract was signed on behalf of The University of Texas Medical Branch at Galveston by Mr. V. E. Thompson, Vice-President for Business and Hospital Affairs.

*No letter of transmittal was received from the donor.

GRANTS, CONTRACTS, AND AGREEMENTS (NON-GOVERNMENTAL) - continued

11. Vending Machine Contract between The University of Texas Medical Branch at Galveston and the Galveston Coca-Cola Bottling Company, by which the Galveston Coca-Cola Bottling Company will operate the soft drink vending machines on the campus of The University of Texas Medical Branch at Galveston for the period September 1, 1973 through August 31, 1975. The contract was signed on behalf of The University of Texas Medical Branch at Galveston by Mr. V. E. Thompson, Vice-President for Business and Hospital Affairs.

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GRANTS, CONTRACTS, AND AGREEMENTS (STATE):

1. The University of Texas Health Science Center at Dallas
5323 Harry Hines Boulevard
Dallas, Texas 75235
- Purchase Order No. 9726
\$7,462
December 29, 1973 through December 28, 1974
This purchase order provides additional funds to The University of Texas Medical Branch at Galveston for services as a subcontractor as provided in NIH Contract No. N01 AI 22531, Amendment No. 2. (Formerly Contract No. NIH-NIAID 72-2531.)
Dr. Stephan E. Ritzmann
2. Interagency Cooperation Contract No. IAC(74-75)-0742 between The University of Texas Medical Branch at Galveston and the Office of Information Services, Executive Department, wherein The University of Texas Medical Branch at Galveston provides an amount not to exceed \$217,520.00, for the period February 8, 1974 through August 31, 1975, for communication services to be provided by the Texas Agency Network (TEX-AN). The contract was signed on behalf of The University of Texas Medical Branch at Galveston by Mr. V. E. Thompson, Vice-President for Business and Hospital Affairs. The contract was signed by the State Board of Control on February 8, 1974.

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTONFEDERAL CONTRACTS AND GRANTSBOARD OF REGENTS' MEETING MAY 3, 1974

1. Department of Health, Education, and Welfare
National Institutes of Health
National Library of Medicine

Research Grant No. 5 GO4 IM 01152-03 (REVISED)
\$20,894

June 1, 1973 through August 31, 1974

Regional Medical Library Grant. Funds from this grant are used by The University of Texas Medical Branch at Galveston to provide extension service to hospital libraries throughout Northeast Texas. Mr. Emil Frey (Formerly Mr. C. Lee Jones)

This is a revised award to extend the project period and increase the level of O3 year support by utilization of unobligated balance from previous years.

Galveston County

2. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of General Medical Sciences

Research Grant No. 7 R01 GM 21433-01

\$31,461 plus indirect costs

January 1, 1974 through December 31, 1974

Somatic Cell Genetics of Differentiated Phenotypes. The objective of this study is to employ the methods of somatic cell genetics to investigate problems in the area of developmental genetics.

Dr. Robert J. Klebe

This is the first year of a two year grant award.

Galveston County

3. Department of Health, Education, and Welfare
National Institutes of Health
National Heart and Lung Institute

Research Grant No. 3 R01 HL 13639-03S1

\$2,232 plus indirect costs

February 1, 1974 through February 28, 1974

Factors Altering the Course of Myocardial Dysfunction. This project is designed to study the effect of corrective intervention, exercise and the use of drugs on myocardial function and recovery.

Dr. John F. Williams, Jr.

This is a supplemental award for an additional one month period.

Galveston County

4. Department of Health, Education, and Welfare
National Institutes of Health
National Cancer Institute

Research Grant No. 5 R01 CA 13435-02

\$14,898 plus indirect costs

January 1, 1974 through December 31, 1974

Effects of Therapeutic Radiation on Lymphocyte Response. The objectives of this project are to determine whether the immunologic response of human blood cells is adversely affected by radiotherapy.

Dr. Vernon K. Jenkins

This is the second year of a continuing project.

Galveston County.

FEDERAL CONTRACTS AND GRANTS - continued

5. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of Child Health and Human Development
- Research Grant No. 5 R01 HD 03321-08
\$52,510 plus indirect costs
February 1, 1974 through January 31, 1975
Genetic Control of the Structure of Human Proteins. This study is designed to detect amino acid alterations or sequence rearrangements in inherited variants of molecules.
Dr. Barbara H. Bowman
This is the eighth grant year of a continuing project.
Galveston County
6. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of Child Health and Human Development
- Modification No. 2 to Research Contract No. N01-HD-2-2728
June 30, 1973 through June 29, 1974
To Study Endogenous and Exogenous Sex Steroids and Nutritional Status
Dr. William J. McGanity
This is a technical amendment to the contract concerning reporting requirements. There is no change in contract costs or performance period.
Galveston County
7. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of Neurological Diseases and Stroke
- Research Grant No. 1 R01 NS 11354-01
\$19,053 plus indirect costs
February 1, 1974 through January 31, 1975
Neuron-Glia Interaction in Vitro Cholinergic Systems. The overall objective of the proposed research is to examine the possibility that glial cells and neurons may regulate cholinergic function at the levels of choline uptake and synthesis of acetylcholine.
Dr. Harrol T. Hutchinson
This is the first year of a three year grant award.
Galveston County
8. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of Neurological Diseases and Stroke
- Research Grant No. 1 P01 NS 11255-01
\$336,794 plus indirect costs
February 1, 1974 through January 31, 1975
Comparative Neurobiology. This grant is for a new program project grant to support an interdisciplinary area of research in the division of comparative neurobiology of the Marine Biomedical Institute.
Dr. William D. Willis, Jr.
This is the first year of a five year grant award.
Galveston County

FEDERAL CONTRACTS AND GRANTS - continued

9. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of Neurological Diseases and Stroke
- Research Grant No. 5 R01 NS 08106-06 (REVISED)
\$19,097 plus indirect costs
February 1, 1974 through January 31, 1975
Human Brain Sterols in Aging and Disease. This project is to determine the relationship between the established presence of 24-hydroxycholesterol and other oxidized cholesterol derivatives in human brain and brain function or dysfunction as regards aging and disease.
Dr. Leland L. Smith
This is a revised award to correct the committed support.
Galveston County
10. Department of Health, Education, and Welfare
National Institutes of Health
Division of Research Resources
- Research Grant No. 3 S01 RR 05427-12S1
\$154,019
January 1, 1973 through December 31, 1973
General Research Support Grant
Dr. T. G. Blocker, Jr.
This award represents supplemental funds for the General Research Support Grant for the 1973 year.
Galveston County
11. Department of Health, Education, and Welfare
National Institutes of Health
Division of Research Resources
- Research Grant No. 5 S01 RR 05427-13
\$177,347
January 1, 1974 through December 31, 1974
General Research Support Grant
Dr. T. G. Blocker, Jr.
Galveston County
12. Department of Health, Education, and Welfare
Public Health Service
Health Resources Administration
Bureau of Health Resources Development
- Grant No. 3 D08 PE 00131-0⁴81
\$59,700
July 1, 1973 through June 30, 1974
Health Professions Special Project Program. This grant provides funds to increase enrollment in the School of Medicine, partially support the Department of Family Medicine, and partially support the Office of Medical Education.
Dr. Edward N. Brandt, Jr. (Formerly Dr. Joseph M. White)
This supplemental award increases the fiscal year 1973 grant by \$59,700.
Galveston County

FEDERAL CONTRACTS AND GRANTS - continued

13. Department of Health, Education, and Welfare
Public Health Service
Health Resources Administration
Bureau of Health Resources Development
- Grant No. 1 D08 PE 00486-01
\$34,340
March 1, 1974 through June 30, 1975
Health Professions Special Project Grant. The primary objective of the proposed program is to increase the number of physicians graduating from The University of Texas Medical Branch at Galveston from ethnic minority or low income backgrounds.
Dr. Edward N. Brandt, Jr.
This is the first year of a three year grant award.
Galveston County
14. Department of Health, Education, and Welfare
Public Health Service
Health Resources Administration
Bureau of Health Resources Development
- Grant No. 1 D08 PE 08076-01
\$46,545
March 1, 1974 through June 30, 1975
Health Professions Special Project Grant for Preceptorship Training
Dr. Edward N. Brandt, Jr.
This is the first year of a three year grant award.
Galveston County
15. Department of Defense
Department of the Navy
Office of Naval Research
- Modification No. 02 to Research Contract No. N00014-68-A-0105-0003
\$19,193
December 1, 1973 through November 30, 1974
Rheologic Alterations in Decompression Sickness. This project deals with studies of the role of rheologic alterations of blood in the pathogenesis of decompression sickness.
Dr. Charles H. Wells
This modification increases the contract award in the amount of \$19,193 making the total contract costs \$70,684, and extends the contract performance period for one additional year.
Galveston County
16. National Aeronautics and Space Administration
The Board of Trustees of the Leland Stanford Junior University
- Amendment No. 2 to Stanford University Subcontract No. PR 1658 under NASA Contract No. NAS 9 5632
March 1, 1973 through June 30, 1974
This is a subcontract for the Seismic Profiling Experiment for Apollo Lunar Surface Experiment Package (ALSEP). The University of Texas Medical Branch at Galveston will analyze data for this project.
Dr. Joel S. Watkins
This amendment extends the period of performance for six additional months without additional funds.
Galveston County

FEDERAL CONTRACTS AND GRANTS - continued

17. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of Environmental Health Sciences
- Research Grant No. 1 R01 ES 00944-01
\$28,182 plus indirect costs
March 1, 1974 through February 28, 1975
Air Pollutant - Lipid Membrane Interactions. The overall objective of the presently proposed research work is to determine the specific molecular and biological effects of selected air pollutants on lipid membranes in vital animal tissues.
Dr. Leland L. Smith
This is the first year of a new three year grant award.
Galveston County
18. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of General Medical Sciences
- Grant No. 3 T01 GM 00459-14S1
\$39,234
March 1, 1974 through June 30, 1974
Anatomy Training Grant
Dr. Walther J. Hild
This award provides supplemental funds for the period March 1, 1974 through June 30, 1974.
Galveston County
19. National Science Foundation
- Research Project No. GA-41816
\$20,000
April 1, 1974 through September 30, 1975
A Seismic Study of Deep Structure Around Salt Domes
The purpose of this project is to obtain a more detailed understanding of the history of sediment deposition and of the movement of major crustal blocks in this geologically complex and important region of the Gulf of Mexico Basin and nearby regions.
Dr. James Dorman
This is the first year of a new project.
Galveston County
20. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of Neurological Diseases and Stroke
- Research Grant No. 2 R01 NS 11764-02
\$42,781 plus indirect costs
May 1, 1974 through April 30, 1975
Fluctuation Phenomena and Ion Movements in Membranes
The purpose of this study is to apply a relatively new approach to the question of how ions move through cell membranes.
Dr. Harvey M. Fishman
This is the second year of a continuing project.
Galveston County

FEDERAL CONTRACTS AND GRANTS - continued

21. Department of Health, Education, and Welfare
National Institutes of Health
National Institute of Neurological Diseases and Stroke

Training Grant No. 3 T01 NS 05672-03S1

\$3,058

July 1, 1973 through June 30, 1974

Otolaryngology Academic, Clinical, Research

Dr. Byron J. Bailey

This award provides supplemental funds for the period

July 1, 1973 through June 30, 1974.

Galveston County

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTONAMENDMENTS TO THE 1973-74 OPERATING BUDGETBOARD OF REGENTS' MEETING MAY 3, 1974GENERAL ADMINISTRATIONOffice of the President

1. Accept the resignation of Mr. Peter M. Moore, Director of Development at a salary rate of \$18,700 for twelve months, effective November 30, 1973. Mr. Moore is transferring to the Department of Psychiatry. (RBC 315)
2. Change the title and purpose of the account "Expenses for the Selection of a President" to "Office Furniture and Equipment for President's Office." No additional funds are requested. This will provide funds to furnish and equip the Office of the President. The present furnishings will be used by the President Emeritus. (RBC 386)

Office of the Vice President for Business Affairs

3. Appoint Mr. Raymond N. Jarl, Jr. as Fiscal Director, MSRDP, at a salary rate of \$15,500 for twelve months, effective January 1, 1974. Funds needed are to come from MSRDP - Vice President for Business Affairs. (RBC 329)

MEDICAL SCHOOLOffice of the Dean of Medicine

4. Change the status of Dr. James C. Guckian, Acting Associate Dean for Clinical Affairs, from part-time to full-time at a salary rate of \$28,000 for twelve months, effective January 1, 1974. Funds needed are to come from the departmental non-teaching salaries budget. Dr. Guckian also serves as Associate Professor (part-time), without salary, in the Department of Internal Medicine. (RBC 338)
5. Change the title only of Dr. Edward N. Brandt, Jr. from (Acting) Dean of Medicine to Dean of Medicine at the same salary of \$45,000 for twelve months (\$41,500 from General Budget and \$3,500 from Capitation Grant), effective February 1, 1974. Dr. Brandt also serves as Professor (part-time), without salary, in the Department of Family Medicine and in the Department of Preventive Medicine and Community Health and as (Acting) Dean of Graduate School (part-time), without salary, in Office of Dean of Graduate School. (RBC 352)
6. Appoint Mr. James A. Williams as Coordinator, Emergency Medical Planning Grant at a salary rate of \$20,000 for twelve months, effective January 1, 1974. Funds needed are to come from RMP 5G03-RM-00007-06-74-1. (RBC 373)
7. Appoint Mr. Raymond G. Fuentes, Jr. as Coordinator, National Fund for Medical Education Grant, at a salary rate of \$13,000 for twelve months, effective January 1, 1974. Funds needed are to come from National Fund for Medical Education. (RBC 375)
8. Increase the salary rate of Mr. Charles W. Tandy, Assistant to the Dean of the Medical School, from \$16,000 to \$17,000 for twelve months, effective February 1, 1974. Additional funds needed are to come from the departmental non-teaching salaries budget. (RBC 413)

Office of Research in Medical Education

9. Change the source of funds for Dr. Donald A. Bosshart, Senior Associate (part-time) at a salary of \$11,500 for twelve months, effective February 1, 1974. Funds needed are to come from Unallocated Appropriations - Instructional. Dr. Bosshart also serves as Instructor (part-time), without salary, in the Department of Preventive Medicine and Community Health and the Department of Psychiatry, and as Faculty Associate - Health Care Sciences (part-time) at a salary of \$4,500 in School of Allied Health Sciences - Health Care Sciences. Total Salary for twelve months, \$16,000. (RBC 381)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - continuedMEDICAL SCHOOL - continuedHistory of Medicine

10. Appoint Mr. Albert Rosenfeld (Non-Tenure) as Visiting Professor (three-eighths time) at a salary rate of \$32,000 for twelve months, effective January 1, 1974. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 333)

Interdisciplinary Laboratory

11. Accept the resignation of Dr. Gordon L. Johnson (Non-Tenure), Assistant Professor (part-time) at a salary of \$11,000 for twelve months, effective January 31, 1974. (RBC 343)

12. Change the source of funds for Mr. Monte A. Crawford, Laboratory Supervisor at a salary rate of \$14,004 for twelve months, from DHEW Grant 5E03-PE-00170-08 to General Budget only, effective February 1, 1974. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 366)

13. Appoint Dr. James R. Walker (Non-Tenure) as Assistant Professor (part-time) at a salary of \$11,000 for twelve months, effective February 1, 1974. Funds needed are to come from the departmental teaching salaries. Dr. Walker also serves as Assistant Professor (part-time) at a salary of \$7,095 in the Department of Physiology. Total salary for twelve months, \$18,095. (RBC 390)

Anesthesiology

14. Appoint Dr. Daniel R. Smith (Non-Tenure) as Assistant Professor at a salary rate of \$20,000 for twelve months, effective January 1, 1974. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 323)

Dermatology

15. Change the source of funds for Dr. Prapand Apisarnthanarax (Non-Tenure), Assistant Professor at a salary rate of \$23,782 for twelve months, from DHEW Grant 5E03-PE-00170-08 to General Budget, effective January 1, 1974. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 326)

Family Medicine

16. Accept the resignation of Dr. Nancy L. Schnautz (Non-Tenure), Clinical Assistant Professor, (part-time), without salary, effective January 31, 1974. (RBC 360)

Human Biological Chemistry and Genetics

17. Accept the resignation of Dr. Dale H. Altmiller (Non-Tenure), Assistant Professor at a salary rate of \$19,129 for twelve months, effective January 31, 1974. (RBC 340)

18. Change the status of Dr. Geraldine H. Cohen (Non-Tenure), Instructor, from full-time to one-fourth time at the same salary rate of \$16,000 for twelve months, effective January 1, 1974. Dr. Cohen also serves as Instructor (three-fourths time) at the same salary rate of \$16,000 in the Office of Dean of Graduate School. (RBC 344)

19. Change the status of Dr. Marilyn S. Rasco (Non-Tenure), Lecturer, from full-time at a salary rate of \$12,925 for twelve months to part-time, without salary, effective January 1, 1974. Dr. Rasco also serves as Lecturer at a salary rate of \$12,925 in the Office of Dean of Graduate School. (RBC 346)

20. Appoint Dr. Rose G. Schneider (Tenure) as Professor (part-time), without salary, effective January 1, 1974. Dr. Schneider also serves as Research Professor at a salary rate of \$22,177 for twelve months in the Department of Pediatrics. (RBC 355)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - continuedMEDICAL SCHOOL - continuedHuman Biological Chemistry and Genetics - continued

21. Accept the resignation of Dr. Burton B. Silver (Non-Tenure), Assistant Professor at a salary rate of \$26,000 for twelve months, effective January 15, 1974. (RBC 356)
22. Appoint Dr. Benjamin W. Papermaster (Non-Tenure) as Professor at a salary rate of \$30,000 for twelve months, effective January 1, 1974. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 364)
23. Change the source of funds for Dr. James N. Lindsey, Lecturer at a salary rate of \$12,594 for twelve months, from \$6,297 from DHEW Grant 5E03-PE-00170-08 and \$6,297 from NIH NICHD 72-2704 to \$6,297 from General Budget and \$6,297 from NIH NICHD 72-2704, effective February 1, 1974. General Budget funds needed are to come from Unallocated Appropriations - Instructional. (RBC 369)
24. Change the status and increase the salary rate of Dr. Gary B. Thurman (Non-Tenure) from Research Scientist - Faculty at a salary rate of \$17,578 for twelve months (\$10,340 from John A. Hartford Grant and \$7,238 from Thymosin Program) to Assistant Professor at a salary rate of \$18,000 for twelve months (\$6,300 from DHEW Grant 1R01-CA-15419-01 and \$11,700 from John A. Hartford Grant), effective February 1, 1974. (RBC 401)
25. Appoint Dr. Paul S. Baur, Jr. (Non-Tenure) as Assistant Professor at a salary rate of \$19,000 for twelve months (\$1,000 from NIH NICHD 69-2139 and \$18,000 from DHEW Grant 5E03-PE-00170-08), effective February 1, 1974. (RBC 402)
- Internal Medicine
26. Change the status of Dr. James C. Guckian (Tenure), Associate Professor, from full-time at a salary rate of \$28,000 for twelve months to part-time, without salary, effective January 1, 1974. Dr. Guckian also serves as Acting Associate Dean for Clinical Affairs at a salary rate of \$28,000 for twelve months in the Office of the Dean of Medicine. (RBC 339)
27. Accept the resignation of Dr. George R. Herrmann (Tenure), Ashbel Smith Professor (one-half time) at a salary rate of \$20,000 for twelve months, effective January 31, 1974. (RBC 358)
28. Increase the salary rate of Mr. John S. Stephens, Assistant to the Chairman, from \$18,690 for twelve months (\$8,690 from General Budget and \$10,000 from MSRDP - Internal Medicine) to \$19,500 for twelve months (\$8,690 from General Budget and \$10,810 from MSRDP - Internal Medicine), effective February 1, 1974. (RBC 371)
29. Appoint Dr. Ethel V. Patten (Non-Tenure) as Assistant Professor at a salary rate of \$24,000 for twelve months, effective January 1, 1974. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 372)
30. Change the source of funds for Dr. William C. Levin (Tenure), Professor (part-time) at a salary of \$32,000 for twelve months, from \$28,000 from General Budget and \$4,000 from Charlotte War moth Professorship to \$32,000 from General Budget only. Additional funds needed are to come from Unallocated Appropriations - Instructional. Dr. Levin also serves as Director, Clinical Study Center (part-time) at a salary of \$6,000 in Clinical Study Center, and as Medical Director, Blood Bank (part-time), without salary, in Blood Bank. Total salary for twelve months, \$38,000. (RBC 377)
31. Appoint Dr. James D. Lindley (Non-Tenure) as Assistant Professor at a salary rate of \$24,000 for twelve months, effective February 1, 1974. Funds needed are to come from DHEW Grant 5E03-PE-00170-08. (RBC 391)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - continuedMEDICAL SCHOOL - continuedInternal Medicine - continued

32. Grant a Reassignment Leave to Dr. George L. Pauk (Non-Tenure), Assistant Professor at a salary rate of \$26,500 for twelve months, effective February 1, 1974. Change the source of funds from General Budget to National Heart and Lung Institute. (RBC 404)

Microbiology

33. Accept the resignation of Dr. Rodney F. Smith (Non-Tenure), Associate Professor at a salary rate of \$20,129 for twelve months (\$3,929 from General Budget and \$16,200 from Shrine Affiliation Agreement), effective February 15, 1974. (RBC 361)

Psychiatry

34. Appoint Mr. Peter M. Moore as Assistant to the Chairman at a salary rate of \$18,500 for twelve months (\$8,000 from General Budget and \$10,500 from DHEW Grant 5T01-MH-06527-17), effective December 1, 1973. General Budget funds needed are to come from Unallocated Appropriations - Instructional. Mr. Moore also serves as Assistant Director and Registrar (part-time), without salary, in the Department of Obstetrics and Gynecology. (RBC 316)

35. Change the source of funds for Mrs. Margaret D. Sheely (Non-Tenure), Faculty Associate at a salary rate of \$15,510 for twelve months, from \$7,755 from AHEC Grant NIH 72-4118, \$755 from Galveston County Mental Health-Mental Retardation Center, and \$7,000 from DHEW Grant 5E03-PE-00170-08 to \$7,755 from AHEC Grant NIH 72-4118, \$755 from Galveston Mental Health-Mental Retardation Center and \$7,000 from General Budget, effective January 1, 1974. General Budget funds needed are to come from Unallocated Appropriations - Instructional. (RBC 327)

36. Appoint Mrs. Barbara E. Williams (Non-Tenure) as Assistant Professor at a salary rate of \$15,000 for twelve months, effective January 1, 1974. Funds needed are to come from DHEW Grant 5T01-MH-08084-11. (RBC 376)

37. Appoint Dr. Agustin Palacios-Lopez (Non-Tenure) as Clinical Professor (part-time), without salary, effective February 1, 1974. (RBC 400)

Obstetrics and Gynecology

38. Change the source of funds for Dr. Leslie C. Powell, Jr. (Tenure), Professor at a salary rate of \$33,000 for twelve months from \$26,500 from General Budget, \$1,500 from State Department of Health Contract and \$5,000 from DHEW Grant 5E03-PE-00170-08 to \$31,500 from General Budget and \$1,500 from State Department of Health Contract, effective February 1, 1974. Additional General Budget funds needed are to come from Unallocated Appropriations - Instructional. (RBC 367)

Pathology

39. Change the source of funds for Dr. Sydney S. Schochet, Jr. (Tenure), Associate Professor at a salary rate of \$28,000 for twelve months, from DHEW Grant 5E03-PE-00170-08 to General Budget, effective February 1, 1974. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 365)

40. Change the source of funds for Dr. Dean S. Folse (Non-Tenure), Research Assistant Professor (part-time) at a salary of \$10,500 for twelve months, from \$7,584 from John A. Hartford Foundation Grant and \$2,916 from MSRDP - Pathology to \$7,584 from General Budget and \$2,916 from MSRDP - Pathology, effective February 1, 1974. General Budget funds needed are to come from Unallocated Appropriations - Instructional. Dr. Folse also serves as Research Assistant Professor (part-time) at a salary of \$4,014 in the Office of the Dean of Graduate School and as Veterinarian (part-time) at a salary of \$7,200 in Animal Care Center. Total salary for twelve months, \$21,714. (RBC 382)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - continuedMEDICAL SCHOOL - continuedPediatrics

41. Change the source of funds for Dr. Margaret J. McGregor (Non-Tenure), Assistant Professor, at a salary rate of \$18,000 for twelve months, from \$2,000 from Pediatric Nurse Practitioner Program and \$16,000 from DHEW Grant 5E03-PE-00170-08 to \$2,000 from Pediatric Nurse Practitioner Program and \$16,000 from General Budget, effective January 1, 1974. General Budget funds needed are to come from Unallocated Appropriations - Instructional. (RBC 322)

42. Change the source of funds for Dr. Margaret J. McGregor (Non-Tenure), Assistant Professor at a salary rate of \$18,000 for twelve months, from \$2,000 from Pediatric Nurse Practitioner Program and \$16,000 from General Budget to General Budget only, effective January 1, 1974. Additional General Budget funds needed are to come from Unallocated Appropriations - Instructional. (RBC 385)

Pharmacology

43. Appoint Dr. Orville J. Stone (Non-Tenure) as Adjunct Professor (part-time), without salary, effective September 1, 1973. (RBC 330)

44. Accept the resignation of Dr. Gordon L. Johnson (Non-Tenure), Assistant Professor (part-time) at a salary of \$7,000 for twelve months, effective January 31, 1974. (RBC 342)

45. Appoint Dr. Gordon L. Johnson (Non-Tenure) as Adjunct Assistant Professor (part-time), without salary, effective February 1, 1974. (RBC 397)

Physiology

46. Change the source of funds for Dr. Peter J. Schwartz (Non-Tenure), Visiting Assistant Professor (three-fifths time) at a salary rate of \$15,083 for twelve months, from DHEW Grant 5E03-PE-00170-08 to General Budget, effective January 1, 1974. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 324)

47. Change the status of Dr. Douglas C. Eaton (Non-Tenure), Assistant Professor, from full-time at a salary rate of \$18,000 for twelve months to part-time, without salary, effective January 1, 1974. Dr. Eaton also serves as Assistant Professor at a salary rate of \$18,000 in the Office of Dean of Graduate School. (RBC 348)

48. Change the source of funds for Mr. Ted P. Bond (Non-Tenure), Research Associate Professor at a salary rate of \$19,240 for twelve months, from DHEW Research Grant to General Budget, effective January 1, 1974. Funds needed are to come from Unallocated Appropriations - Instructional. Mr. Bond also serves as Adjunct Member (part-time), without salary, in the Marine Biomedical Institute. (RBC 354)

49. Appoint Dr. Malcolm S. Brodwick (Non-Tenure) as Teaching Associate at a salary rate of \$11,000 for twelve months, effective January 1, 1974. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 374)

50. Change the source of funds for Dr. Luddo B. Nanninga (Non-Tenure), Research Professor at a salary rate of \$20,174 for twelve months from \$13,479 from DHEW Grant 5S01-RR-05427-13 and \$6,695 from General Budget to General Budget only, effective February 1, 1974. Additional funds needed are to come from Unallocated Appropriations - Instructional. (RBC 383)

51. Appoint Dr. John M. Russell, Jr. (Non-Tenure) as Assistant Professor at a salary rate of \$18,000 for twelve months, effective January 1, 1974. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 384)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - continuedMEDICAL SCHOOL - continuedPhysiology - continued

52. Change the status of Dr. James R. Walker (Non-Tenure), Assistant Professor, from full-time at a salary rate of \$18,095 to part-time at a salary of \$7,095 for twelve months, effective February 1, 1974. Dr. Walker also serves as Assistant Professor (part-time) at a salary of \$11,000 in Interdisciplinary Laboratory. Total salary for twelve months, \$18,095. (RBC 389)

53. Appoint Dr. Kenneth S. Cole (Non-Tenure) as Visiting Professor (part-time), without salary, effective January 22, 1974. (RBC 399)

Preventive Medicine and Community Health

54. Appoint Miss Sandra L. Sayers (Non-Tenure) as Faculty Associate (part-time), without salary, effective January 15, 1974. Miss Sayers also serves as Associate Project Director, Nutrition, at a salary rate of \$13,910 in the Department of Pediatrics. (RBC 363)

Radiology

55. Change the source of funds for Dr. Pliny C. Smith (Non-Tenure), Instructor at a salary rate of \$18,000 for twelve months, from DHEW Grant 5E03-PE-00170-08 to General Budget only, effective January 1, 1974. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 321)

56. Appoint Dr. Pranab Ray (Non-Tenure) as Assistant Professor at a salary rate of \$24,000 for twelve months, effective February 1, 1974. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 408)

Research Computation Center

57. Change the source of funds for Dr. William M. Thompson, Jr., Director, Research Computation Center (one-half time) at a salary rate of \$24,300 for twelve months, from DHEW Grant 5E03-PE-00170-08 to General Budget, effective February 1, 1974. Funds needed are to come from Unallocated Appropriations - Instructional. Dr. Thompson also serves as Assistant Professor (one-half time) at the same salary rate of \$24,300 in the Department of Preventive Medicine and Community Health. (RBC 368)

Surgery

58. Change the source of funds for Dr. Benjamin L. Allen, Jr. (Non-Tenure), Assistant Professor at a salary rate of \$28,952 for twelve months, from DHEW Grant 5E03-PE-00170-08 to General Budget, effective January 1, 1974. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 325)

59. Increase the salary rate of Dr. John T. O'Neal (Non-Tenure), Assistant Professor, from \$24,000 to \$25,200 for twelve months, effective January 1, 1974. Additional funds needed are to come from U.S. Public Health Hospital. (RBC 350)

60. Appoint Dr. Neville I. Remus as Research Surgeon at a salary rate of \$12,000 for twelve months, effective February 11, 1974. Funds needed are to come from Unallocated Appropriations - Instructional. (RBC 403)

ALLIED HEALTH SCIENCESSchool of Allied Health Sciences -
Health Care Sciences

61. Appoint Dr. Benjamin L. Allen, Jr. (Non-Tenure) as Adjunct Assistant Professor (part-time), without salary, effective November 15, 1973. Dr. Allen also serves as Assistant Professor at a salary rate of \$28,952 for twelve months in the Department of Surgery. (RBC 378)

62. Accept the resignation of Dr. Sam A. Nixon (Non-Tenure), Adjunct Professor (part-time), without salary, effective January 31, 1974. (RBC 406)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - continuedALLIED HEALTH SCIENCES SCHOOL - continuedSchool of Allied Health Sciences -Health Care Sciences - continued

63. Accept the resignation of Dr. John T. McNew (Non-Tenure), Adjunct Associate Professor (part-time), without salary, effective January 31, 1974. (RBC 407)

School of Allied Health Sciences -Medical Technology

64. Change the title of Dr. Ronald L. Gillum from Adjunct Instructor (part-time) to Adjunct Assistant Professor (part-time), without salary, effective March 1, 1974. Dr. Gillum also serves as Assistant Professor at a salary rate of \$23,000 in the Department of Pathology. (RBC 414)

65. Change the title of Dr. Peachy R. Gilmer, Jr. from Adjunct Instructor (part-time) to Adjunct Assistant Professor (part-time), without salary, effective March 1, 1974. Dr. Gilmer also serves as Assistant Professor at a salary rate of \$24,000 for twelve months in the Department of Pathology. (RBC 415)

School of Allied Health Sciences -Occupational Therapy

66. Appoint Miss Nancy E. Jones as Associate in Occupational Therapy at a salary rate of \$6,700 for twelve months, effective January 9, 1974. Funds needed are to come from the departmental non-teaching salaries budget. (RBC 337)

School of Allied Health Sciences -Physical Therapy

67. Appoint Miss Madeleine A. Baker as Adjunct Instructor (part-time), without salary, effective December 1, 1973. (RBC 328)

68. Accept the resignation of Miss Miriam J. Partridge, Adjunct Instructor (part-time), without salary, effective November 30, 1973. (RBC 331)

69. Appoint Miss Sara A. Heinemann as Adjunct Instructor (part-time), without salary, effective January 1, 1974. (RBC 353)

70. Accept the resignation of Mrs. Gail A. Gerig, Adjunct Instructor (part-time), without salary, effective December 31, 1973. (RBC 357)

71. Accept the resignation of Mrs. Eileen E. Hobbs, Adjunct Instructor (part-time), without salary, effective November 30, 1973. (RBC 362)

GRADUATE SCHOOLOffice of Dean of Graduate School

72. Appoint Dr. Geraldine H. Cohen (Non-Tenure) as Instructor (three-fourths time) at a salary rate of \$16,000 for twelve months, effective January 1, 1974. Funds needed are to come from Unallocated Appropriations - Graduate School. Dr. Cohen also serves as Instructor (one-fourth time) at the same salary rate of \$16,000 in the Department of Human Biological Chemistry and Genetics. (RBC 345)

73. Appoint Dr. Marilyn S. Rasco (Non-Tenure) as Lecturer at a salary rate of \$12,925 for twelve months, effective January 1, 1974. Funds needed are to come from Unallocated Appropriations - Graduate School. Dr. Rasco also serves as Lecturer (part-time), without salary, in the Department of Human Biological Chemistry and Genetics. (RBC 347)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - continuedGRADUATE SCHOOL - continuedOffice of Dean of Graduate School - continued

74. Appoint Dr. Douglas C. Eaton (Non-Tenure) as Assistant Professor at a salary rate of \$18,000 for twelve months, effective January 1, 1974. Funds needed are to come from Unallocated Appropriations - Graduate School. Dr. Eaton also serves as Assistant Professor (part-time), without salary, in the Department of Physiology. (RBC 349)

UNIVERSITY HOSPITALSOffice of the Vice President for Hospital Affairs

75. Increase the salary rate of Mr. Kenneth J. Wine, Assistant Administrator of Hospitals, from \$16,500 to \$17,500 for twelve months, effective February 1, 1974. Additional funds needed are to come from Unallocated Appropriations - Hospitals. (RBC 398)

Central Supply

76. Accept the resignation of Mr. Bruce G. Mazock, Director, Central Supply (part-time) at a salary of \$9,306 for twelve months, effective February 28, 1974. (RBC 395)

School Service for Pediatric and Psychiatric Patients

77. Appoint Miss Leslie D. Seeche as Teacher's Aide (part-time), without salary, effective January 7, 1974. (RBC 336)

78. Grant a leave of absence, without salary, to Mrs. Jan L. Broome, School Teacher (one-half time) at a salary rate of \$10,626 for twelve months, effective March 13, 1974. (RBC 405)

THE MARINE BIOMEDICAL INSTITUTEThe Marine Biomedical Institute

79. Increase the salary rate of Dr. Richard E. Coggeshall, Chief, Ultra-structure Section, from \$33,500 to \$34,400 for twelve months, effective January 1, 1974. Additional funds needed are to come from the departmental non-teaching salaries budget. Dr. Coggeshall also serves as Professor (part-time), without salary, in the Department of Anatomy. (RBC 320)

80. Accept the resignation of Dr. Tores P. Theorell, Visiting Scientist at a salary rate of \$12,000 for twelve months, effective February 28, 1974. (RBC 370)

81. Correct the effective date of the resignation of Dr. Tores P. Theorell, Visiting Scientist at a salary rate of \$12,000 for twelve months, to read March 15, 1974 instead of February 28, 1974. (RBC 396)

LIBRARIESMedical Branch Library

82. Grant a leave of absence, without salary, to Mr. Dohn H. Martin, Assistant Librarian - Systems Development at a salary rate of \$15,350 for twelve months, effective December 31, 1973. (RBC 341)

83. Appoint Mr. Zoltan Olah as Rare Book Binder at a salary rate of \$15,000 for twelve months, effective January 7, 1974. Funds needed are to come from the departmental non-teaching salaries budget. (RBC 351)

SEALY & SMITH FOUNDATION HOSPITALSCentral Supply - Sealy & Smith

84. Accept the resignation of Mr. Bruce G. Mazock, Director, Central Supply (part-time) at a salary of \$3,102 for twelve months, effective February 28, 1974. (RBC SS 7)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - continuedTRANSFER OF FUNDS

85. From:	Unallocated Appropriations - Hospitals	<u>\$ 7,686.00</u>
To:	Surgery Serum Gastrin Laboratory:	
	Classified Salaries	\$ 3,436.00
	Maintenance and Operation	4,250.00
		<u>\$ 7,686.00</u>
For:	This transfer will provide funds for the creation of a new Surgery Serum Gastrin Laboratory, effective January 1, 1974. Funds are provided for one (1) Research Technician (one-half time) at a salary rate of \$10,308 and for Maintenance and Operation.	
(RBC 332)		
86. From:	Unexpended Plant Funds - Project Allocation	<u>\$20,000.00</u>
To:	Dredging Marine Biomedical Institute Slip	<u>\$20,000.00</u>
For:	This transfer will provide funds for dredging the slip from the Main Shipping Channel to provide accurate depth to moor the ship "Ida Green."	
(RBC 334)		
87. From:	Unexpended Plant Funds - Project Allocation	<u>\$45,000.00</u>
To:	John Sealy Hospital Renovations	<u>\$45,000.00</u>
For:	This transfer will provide funds for minor repairs and renovations in John Sealy Hospital.	
(RBC 335)		
88. From:	Unallocated Appropriations - Hospitals	<u>\$ 1,000.00</u>
To:	Pediatric Gastroenterology Laboratory:	
	Maintenance and Operation	<u>\$ 1,000.00</u>
For:	This transfer will provide funds for the creation of a new "Pediatric Gastroenterology Laboratory," effective January 1, 1974.	
(RBC 359)		
89. From:	MSRDP - Institutional Development Fund	<u>\$25,738.00</u>
To:	Administrative Expense - President Designate	<u>\$25,738.00</u>
For:	This transfer will provide funds to cover emoluments for the President Designate.	
(RBC 387)		

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - continuedTRANSFER OF FUNDS - continued

90. From:	Unallocated Appropriations - Instructional	<u>\$ 4,819.50</u>
	To: History of Medicine. Classified Salaries	<u>\$ 4,819.50</u>
	For: This transfer will provide funds for the change in source of funds for one (1) Senior Research Associate (three-fourths time) at a salary rate of \$11,016 for twelve months, effective February 1, 1974.	
	(RBC 379)	
91. From:	Unallocated Appropriations - Instructional	<u>\$ 6,013.00</u>
	To: Research Computation Center: Classified Salaries	<u>\$ 6,013.00</u>
	For: This transfer will provide funds for the change in source of funds for one (1) Computer Programmer I at a salary rate of \$10,308 for twelve months, effective February 1, 1974.	
	(RBC 380)	
92. From:	Unallocated Appropriations - Allied Health Sciences	<u>\$ 1,200.00</u>
	To: School of Allied Health Sciences - Office of the Dean: Travel	<u>\$ 1,200.00</u>
	For: This transfer will provide additional funds for travel as a significant portion of the Dean's travel allocation has been expended in support of an unforeseen Coordinating Board, Allied Health Project. Due to an extension of this project, additional travel funds will be required above those dedicated to routine School administration.	
	(RBC 412)	
93. From:	Unallocated Appropriations - Allied Health Sciences	<u>\$13,000.00</u>
	To: School of Allied Health Sciences - Office of the Dean: Maintenance and Operation Equipment	<u>\$ 1,060.00</u> <u>11,940.00</u> <u>\$13,000.00</u>
	For: This transfer will provide funds for the purchase of needed supplies and equipment.	
	(RBC 416)	

AMENDMENTS TO THE 1973-74 OPERATING BUDGET - continuedTRANSFER OF FUNDS - continued

94. From:	Unallocated Appropriations - Hospitals	<u>\$ 600.00</u>
	To: Emergency Room - Medical Director: Maintenance and Operation	<u>\$ 600.00</u>
	For: This transfer will provide funds for continued operations for the remainder of this fiscal year.	
	(RBC 394)	
95. From:	Unallocated Appropriations - Hospitals	<u>\$ 1,333.14</u>
	To: Housekeeping: Hourly Wages	<u>\$ 1,333.14</u>
	For: This transfer will provide funds for overtime caused by fire damage in the Laundry.	
	(RBC 392)	
96. From:	Unallocated Appropriations - Hospitals	<u>\$ 4,239.82</u>
	To: Laundry: Hourly Wages	\$ 2,037.82
	Maintenance and Operation	<u>2,202.00</u>
		<u>\$ 4,239.82</u>
	For: This transfer will provide funds for the payment of service by Uneeda Laundry and for the payment of overtime caused by fire damage to the Laundry.	
	(RBC 393)	

OTHER FISCAL ITEMS

200

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON
 SCHEDULE OF ADDITIONAL (OR CHANGES IN)
 FUNDING OF CONSTRUCTION PROJECTS

Project	Project Title	Source of Funds		Amount
		From	To (New or Additional Appropriation)	
601-70	General Stores Warehouse	Other Sources	PUF	\$100,000.00
601-67	Child Health Center	IOP	PUF	100,000.00
601-296	Remodel Existing John Sealy Hospital	Other Sources	PUF	10,000.00
601-69	Remodel and Renovation of Gail Borden Building	PUF	Other Sources	110,000.00
		PUF	IOP	100,000.00

Legend

- P - Permanent University Fund Bond Proceeds
- I - Interest on Proceeds

Project No. 601-66 - Addition to John Sealy Hospital

In order to provide funding up to the authorized total project cost, it is recommended that an additional \$2,918,696.00 be appropriated as indicated below:

<u>Source of Funds</u>	<u>Appropriation</u>
PUF	\$ 100,000.00
Interest on Revenue Bond Proceeds	<u>2,818,696.00</u>
Total	<u>\$2,918,696.00</u>



THE UNIVERSITY OF TEXAS
HEALTH SCIENCE CENTER AT HOUSTON
1100 HOLCOMBE BOULEVARD
TEXAS MEDICAL CENTER

OFFICE OF THE PRESIDENT

March 28, 1974

P.O. Box 20036
Houston, Texas 77025

Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado St.
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the May 3, 1974 meeting of the Board of Regents
is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,

A handwritten signature in cursive script that reads "J. V. Olson".

John Victor Olson
Acting President

Handwritten initials "RF" followed by a long horizontal line.

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

DOCKET

Board of Regents' Meeting May 3, 1974

7

ABSENCES FROM USUAL AND REGULAR DUTIES: The following authorizations to be absent for periods in excess of twenty-nine days are reported in accordance with Section 13.33, Chapter III, Part Two, of the Rules and Regulations of the Board of Regents.

HOUSTON GRADUATE SCHOOL OF BIOMEDICAL SCIENCES

1. Neil Williams, Laboratory Technician IV in the Center for Demographic and Population Genetics, March 6, 1974 to April 8, 1974, to Panama City and the province of Bocas del Toro, to process blood samples from the field examinations in accordance with the project entitled, "Epidemiological Studies of Stroke Risk Factors in Panama." Expenses in the approximate amount of \$1590 to be paid from NIH Grant N01-NS-3-2304.

PUBLIC HEALTH SCHOOL

1. America Fernandez, Research Technician II in the Department of International Health, March 8, 1974 to April 8, 1974, to Panama City and the province of Bocas del Toro, to assist as a bilingual physician in the field examinations to be done in accordance with the project entitled, "Epidemiological Studies of Stroke Risk Factors in Panama." Expenses in the approximate amount of \$1520 to be paid from NIH Grant N01-NS-3-2304.
2. Lynn Noel, Research Associate II in the Department of Environmental Health, March 8, 1974 to April 8, 1974, to Panama City and province of Bocas del Toro, to conduct the anthropological measurements to be done in the field examinations in accordance with the project entitled, "Epidemiological Studies of Stroke Risk Factors in Panama." Expenses in the approximate amount of \$1520 to be paid from NIH Grant N01-NS-3-2304.
3. Jay H. Glasser, Ph.D., Associate Professor in the Department of Health Services Administration, September 1, 1974 to August 31, 1975, to St. Thomas Medical School, London, England, on a research assignment. Salary funds will be provided from Dr. Glasser's Career Development Award 5-K2-HS-16, 403-04 (90%) and from the Public Health School Formula Grant (10%). No travel expenses are requested.

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CALENDAR FOR HOUSTON MEDICAL SCHOOL: The following calendar for the 1974-75 academic year is recommended for approval.

- Summer Quarter begins Monday, June 24, 1974
- Holiday (Independence Day) Thursday, July 4, 1974
- Holiday (LBJ's Birthday) Tuesday, August 27, 1974
- Holiday (Labor Day). Monday, September 2, 1974
- Summer Quarter ends Saturday, September 7, 1974 (Noon)

- Summer Recess begins. Saturday, September 7, 1974

- Fall Quarter begins Monday, September 23, 1974
- Thanksgiving Recess. Thursday-Sunday, November 28-December 1, 1974

- Fall Quarter ends Saturday, December 7, 1974

- Winter Recess begins. Saturday, December 7, 1974

- Winter Quarter begins Thursday, January 2, 1975
- Winter Quarter ends Saturday, March 15, 1975

- Spring Recess begins. Saturday, March 15, 1975

- Spring Quarter begins Monday, March 24, 1975
- Holiday (Good Friday). Friday, March 28, 1975
- Holiday (Memorial Day) Monday, May 26, 1975
- Spring Quarter ends Friday, June 6, 1975

- Graduation. Monday, June 9, 1975

GIFTS: Approval is respectfully requested for the acceptance of the following gifts.

<u>Donor</u>	<u>Purpose and Condition</u>	<u>Amount</u>
<u>HOUSTON MEDICAL SCHOOL</u>		
1. *Pat R. Rutherford, Jr. 2550 Two Shell Plaza Houston, Texas 77002	Unrestricted gift to the Medical School.	\$15,000.00
<u>HOUSTON DENTAL BRANCH</u>		
1. The Procter & Gamble Company Winton Hill Technical Center 6110 Center Hill Road Cincinnati, Ohio 45224 W. W. Briner, Ph.D., Toilet Goods Division	Unrestricted gift for research by the Dental Science Institute, Dr. Barnet M. Levy, Director.	\$ 5,000.00
2. The Procter & Gamble Company Winton Hill Technical Center 6110 Center Hill Road Cincinnati, Ohio 45224 A. W. Radike, D.D.S., Department of Dental Research	To support the Procter & Gamble Clinical Project at the Dental Science Institute, Dr. Barnet M. Levy, Director.	\$20,000.00

*No letter of transmittal received from the donor.

REVISIONS TO THE 1973-74 PERSONNEL PAY PLAN: Approval is respectfully requested for the following job title additions and salary changes to the Houston Health Science Center Pay Plan for Fiscal Year 1973-74. 41

ADDITIONS:

Code	Title	Salary Range	
		Monthly	Annually
8446	Communications Systems Coordinator	\$ 981-1,370	\$11,772-16,440
9154	Accounting Group Supervisor	\$1,048-1,417	\$12,576-17,004

CHANGES:

Code	Title	Salary Range	
		Monthly	Annually
9160	Accountant III	From: \$ 949-1,239 To: \$1,014-1,239	\$11,388-14,868 \$12,168-14,868
9161	Accountant II	From: \$ 831-1,084 To: \$ 949-1,198	\$ 9,972-13,008 \$11,388-14,376
9162	Accountant I	From: \$ 703- 918 To: \$ 888-1,048	\$ 8,436-11,016 \$10,656-12,576

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL): Approval is respectfully requested for the following grants and agreement. B 4

HOUSTON MEDICAL SCHOOL

- Grant by which Eaton Laboratories, Division of Morton-Norwich Products, Inc., 13-27 Eaton Avenue, Norwich, New York, 13815, provides \$1200 for the period October 1, 1973 through September 30, 1974, to establish an Eaton Surgical Fellowship to provide supplemental income for residents who would otherwise be unable to complete a full training program. The Fellowship will be under the direction of Dr. Stanley J. Dudrick, Professor and Director of the Program in Surgery. The grant was made on behalf of Eaton Laboratories by Dallas D. Pennington, Director of Professional Services.
- Grant AU-570 by which The Robert A. Welch Foundation, 2010 Bank of the Southwest Building, Houston, Texas, 77002, provides \$24,000 (\$12,000 per year) for the period May 1, 1974 through April 30, 1976, to support research entitled, "Assembly of a Molybdoprotein, Nitrate Reductase." The aim of this study is to establish the enzymatic sequence which converts molybdate to an active form and inserts it into an active molybdenum-enzyme complex. Dr. John A. DeMoss, Professor and Director of the Program in Biochemistry, is Principal Investigator. The grant was made on behalf of The Robert A. Welch Foundation by Jack S. Josey, President.
- Letter of Agreement between The University of Texas Health Science Center at Houston, Medical School, and Development Associates, Inc., Management and Governmental Consultants, 1521 New Hampshire Avenue, N.W., Washington, D.C., 20036, wherein Development Associates, Inc., provides \$10,800 for the period March 4, 1974 through April 13, 1974, for the in-service training of six nurse/midwives from Latin America in family planning techniques, theory, and practice. Training and training materials will be offered in Spanish. The contract was signed on behalf of the Houston Health Science Center by Dr. J. V. Olson, Acting President.

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL) (Continued)

HOUSTON DENTAL BRANCH

1. Grant by which Warner-Lambert Company, Warner-Lambert Research Institute, Morris Plains, New Jersey, 07950, provides \$3,500 for the period January 1, 1974 through June 30, 1974, to continue a study entitled, "Calculus and Caries Research." Dr. Ira L. Shannon, Clinical Professor in the Department of Physiology-Biological Chemistry, is Principal Investigator. The grant was made on behalf of Warner-Lambert Research Institute by Dr. Hazen J. Baron, Director, Oral/Dental Science.

GRANTS, CONTRACTS AND AGREEMENTS (STATE): Approval is respectfully requested for the following contracts.

1. Interagency Cooperation Contract IAC (74-75)-0740, between The University of Texas Health Science Center at Houston (Receiving Agency) and the Office of Information Services, Executive Department (Performing Agency), whereby the Houston Health Science Center is provided in-state long distance voice telephone services on the Texas Agency Network (TEX-AN), and as requested, digital network services. Performing Agency will be paid for services rendered on a monthly billing basis not to exceed a total amount of \$10,220 for the period January 1, 1974 (or later activation of TEX-AN net) through August 31, 1975. (The amount specified covers term of contract and includes one-time installation costs of approximately \$302.) The contract was signed on behalf of the Houston Health Science Center by Mr. G. C. Franklin, Vice President for Business Affairs, and was approved by the State Board of Control on February 8, 1974.

2. Amendment No. 1 to Interagency Cooperation Contract IAC (74-75)-0382, between The University of Texas Health Science Center at Houston (Performing Agency) and The Texas Department of Mental Health and Mental Retardation, Richmond State School (Receiving Agency), whereby the Houston Dental Branch expands dental services and care for Receiving Agency's students. The contract amount is increased by \$7,705 to a total of \$16,660 to cover the services of one additional pedodontic resident and two 1/10 Time supervisory faculty members for eight months. The amendment was signed on behalf of the Houston Health Science Center by Mr. G. C. Franklin, Vice President for Business Affairs, and was approved by the State Board of Control on February 1, 1974.

3. Interagency Cooperation Contract IAC (74-75)-0762, between The University of Texas Health Science Center at Houston (Performing Agency) and the Texas Research Institute of Mental Sciences (Receiving Agency), whereby Houston Health Science Center personnel assist Receiving Agency in the development of a multi-phasic testing center (screening, medical history, physiologic tests, laboratory tests, and physical exam). Receiving Agency will reimburse the Health Science Center a total amount of \$7,998 in salaries and wages for the period March 1, 1974 through August 31, 1974. The contract was signed on behalf of the Houston Health Science Center by Mr. G. C. Franklin, Vice President for Business Affairs, and was approved by the State Board of Control on February 19, 1974.

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL)
Board of Regents' Meeting May 3, 1974

The following grants and contracts have been approved by the chief administrative officer and are hereby submitted for ratification by the Board of Regents.

HOUSTON MEDICAL SCHOOL

1. Supplemental Award to Grant 3 D08 PE-08023-02S1, by which the Department of Health, Education and Welfare, Public Health Service, Bureau of Health Resources Development, provides an additional \$11,924, for the period July 1, 1973 through June 30, 1974, to support "Preceptorship Training" in family practice and primary health care. The total project period is September 1, 1972 through June 30, 1976, and continues under the direction of Dr. Jack A. Haley, Professor and Director of the Program in Family Practice. The 11-week preceptorship supported by this grant is a part of the curriculum offered by the Medical School during its fourth academic (third calendar) year. The majority of expenditures from this award will be made in Harris County.
2. Supplemental Award to General Research Support Grant 3 S01 RR-05745-01S1, by which the Department of Health, Education and Welfare, Public Health Service, Division of Research Resources, provides an additional \$51,452, for the period January 1, 1973 through December 31, 1973. Dr. Cheves McC. Smythe, Dean, is Program Director. The majority of expenditures from this award will be made in Harris County.
3. General Research Support Grant 5 S01 RR-05745-02, by which the Department of Health, Education and Welfare, Public Health Service, Division of Research Resources, provides \$71,090, for the period January 1, 1974 through December 31, 1974. Dr. Cheves McC. Smythe, Dean, is Program Director. The majority of expenditures from this award will be made in Harris County.
4. Grant 1 R01 NS-11484-01, by which the Department of Health, Education and Welfare, National Institute of Neurological Diseases and Stroke, provides \$12,776, for the period February 1, 1974 through January 31, 1975, to support research entitled, "Effect of Seizure Upon Energy Metabolism in Brain." The purpose of this project is to gather basic information about energy metabolism during the post-ictal period and the sequence of events involved in recovery, and about cerebral energy metabolism in general. The total project period is February 1, 1974 through January 31, 1977, and Dr. Robert W. Guynn, Assistant Professor in the Program in Psychiatry, is Principal Investigator. The majority of expenditures from this award will be made in Harris County.
5. Grant 2 R01 HD-06316-03, by which the Department of Health, Education and Welfare, National Institute of Child Health and Human Development, provides \$37,947, for the period April 1, 1974 through March 31, 1975, to support research entitled, "Gonado-Pituitary Axis in the Rat." The objective of this investigation is to define the hormonal factors responsible for initiation and maintenance of spermatogenesis and to elucidate the influence of gonadotropins on androgen synthesis and secretion by the testes. The total project period is April 4, 1974 through March 31, 1977, and Dr. Emil Steinberger, Professor and Director of the Program in Reproductive Biology and Reproductive Endocrinology, is Principal Investigator. The majority of expenditures from this award will be made in Harris County.
6. Increment to Grant 06L480042 74 BHL10 (formerly 1 7 53 9012 22 1), by which the Department of Health, Education and Welfare, Public Health Service, Bureau of Health Resources Development, provides an additional \$5,753 for the period July 1, 1973 through June 30, 1975, for Health Professions Scholarships. Dr. Cheves McC. Smythe, Dean, is Program Director. The majority of expenditures from this award will be made in Harris County.

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL) (Continued)HOUSTON MEDICAL SCHOOL (Continued)

7. Grant 5 R01 AA-00194-03, by which the Department of Health, Education and Welfare, National Institute on Alcohol Abuse and Alcoholism, provides \$33,070, for the period January 1, 1974 through December 31, 1974, to continue research entitled, "Effects of Alcohol on Gastric Mucosa." The purpose of the project is to determine the mechanism of action of alcohol on the gastric mucosa and to extend these findings to other tissues of the gastrointestinal tract. The total project period is January 1, 1972 through December 31, 1974, and Linda L. Shanbour, Ph.D., Associate Professor in the Program in Physiology, is Principal Investigator. The majority of expenditures from this award will be made in Harris County.

HOUSTON DENTAL BRANCH

1. Supplemental Award to Grant 3 D08 PE-01187-02S1, by which the Department of Health, Education and Welfare, Public Health Service, Bureau of Health Resources Development, provides an additional \$58,104, for the period July 1, 1973 through June 30, 1974, to support the "Health Professions Special Project Grant Program." The program supported is a self-directed dental education system which is permitting selected students to progress at their own rate and ability and thereby reduce the length of time required for training. The total project period is September 1, 1972 through June 30, 1977, and Dr. Douglas M. Lyon, Chairman of the Department of Restorative Dentistry-Fixed Multiple Restorations is Program Director. The majority of expenditures from this award will be made in Harris County.

2. Supplemental Award to General Research Support Grant 3 S01 RR-05344-12S1, by which the Department of Health, Education and Welfare, Public Health Service, Division of Research Resources, provides an additional \$73,779, for the period January 1, 1973 through December 31, 1973. Dr. John V. Olson, Dean, is Program Director. The majority of expenditures from this award will be made in Harris County.

3. General Research Support Grant 5 S01 RR-05344-13, by which the Department of Health, Education and Welfare, Public Health Service, Division of Research Resources, provides \$87,165, for the period January 1, 1974 through December 31, 1974. Dr. John V. Olson, Dean, is Program Director. The majority of expenditures from this award will be made in Harris County.

4. Modification 6 to Contract N01 DE-12377, by which the Department of Health, Education and Welfare, National Institute of Dental Research, corrects mistakes in the Statement of Work made in Modification 4. Subparagraph 5, Paragraph A, Article I of Description of Work, is amended as follows: "Place the remaining entering study subjects on a sucrose free (or minimal sucrose) diet immediately [~~post-irradiation~~] at the start of radiation. During the first 6 to 8 weeks of the regimen, plaque specimens shall be monitored at [~~two~~] one week intervals and thereafter at intervals previously established." The contract supports a "Study of the Effect of Xerostomia on Human Oral Microflora Aimed at Developing a Human Model System for the Rapid Screening of Caries Control Agents." Doctors Samuel Dreizen and Lee R. Brown, Jr., Professors and Members, Dental Science Institute, are Project Co-Directors.

5. Increment to Grant 06L480048 74 BHL30 (formerly 2 7 53 9012 22 1), by which the Department of Health, Education and Welfare, Public Health Service, Bureau of Health Resources Development, provides an additional \$16,990 for the period July 1, 1973 through June 30, 1975, for Health Professions Scholarships. Dr. John V. Olson, Dean, is Program Director. The majority of expenditures from this award will be made in Harris County.

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL) (Continued)PUBLIC HEALTH SCHOOL

1. Revision to Public Health School Formula Grant 2 E02 AH-00016-05, by which the Department of Health, Education and Welfare, Public Health Service, Bureau of Health Resources Development, increases the award for the period July 1, 1973 through June 30, 1974 by \$5,900, to a new total award of \$167,900. Dr. Reuel A. Stallones, Dean, is Program Director. The majority of expenditures from this award will be made in Harris County.
2. Grant 5 T01 HS-00067-04, by which the Department of Health, Education and Welfare, Health Resources Administration, provides \$55,837 for the period July 1, 1974 through June 30, 1975, for continued support of training in Biostatistics. The purpose of the project is to offer graduate education leading to the M.S. and Ph.D. degrees in Biometry or Epidemiology with special emphasis on health services research. The total project period is July 1, 1971 through June 30, 1976, and Richard D. Remington, Ph.D., Professor and Associate Dean, is Program Director. The majority of expenditures from this award will be made in Harris County.
3. Modification No. 6 to Contract N01 HV-1-2442 (formerly N01 HL-1-2442), by which the Department of Health, Education and Welfare, National Heart and Lung Institute, increases the contract amount by \$212,324, for the period June 28, 1973 through June 27, 1974, to continue a project entitled, "Therapy for Hypertension in the General Population--Coordinating Center." The total project period is June 28, 1971 through June 27, 1974, and Dr. Richard D. Remington, Professor and Associate Dean, is Project Director. The majority of expenditures from this award will be made in Harris County.
4. Modification No. 2 to Contract N01 NS-3-2304, by which the Department of Health, Education and Welfare, National Institute of Neurological Diseases and Stroke, increases the contract amount by \$132,701, and extends the contract for the period February 28, 1974 through February 27, 1975. The purpose of the project, "Epidemiological Studies of Stroke Risk Factors in Panama," is to study the association of genetic and environmental factors with cerebrovascular risk. The total project period is February 28, 1973 through February 27, 1975, and Stephen W. Bennett, Dr.P.H., Associate Professor of Epidemiology, is Principal Investigator. The majority of expenditures from this award will be made in Harris County.

DIVISION OF CONTINUING EDUCATION

1. Contract No. 74-101 under DHEW, Regional Medical Programs Service Grant No. 5 G03 RM-00007-06, by which Texas Regional Medical Program, Incorporated, 4200 North Lamar, Suite 200, Austin, Texas 78756, provides \$19,033.91, for the period January 1, 1974 through June 30, 1974, for the personal services of Dr. Vilma T. Falck, Associate Professor, and support personnel and office space for Dr. Falck. An amendment to Contract No. 74-101 alters the Statement of Services To Be Performed to require 100% of Dr. Falck's time. The contract and amendment were signed on behalf of the Houston Health Science Center by Dr. J. V. Olson, Acting President. The majority of expenditures from this contract will be made in Harris County.

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON

Amendments to the 1973-74 Operating Budget
Board of Regents' Meeting May 3, 1974

Approval is respectfully requested for the following amendments to the 1973-74 operating budget.

Office of the President

1. Change the status of John Victor Olson from Acting President of The University of Texas Health Science Center at Houston, full-time to part-time (50%), and Dean of the Houston Dental Branch, part-time (50%), at the same annual salary rate of \$44,000, effective January 2, 1974. Dr. Olson also serves as Professor (with tenure) without salary in the Dental Branch Department of Restorative Dentistry-Complete Restorations. (RBC-309)

Misc

Internal Audit

2. Increase the salary of R. Ronald Burrell, Internal Auditor in the Health Science Center at Houston Internal Audit Office, from an annual rate of \$12,400 to an annual rate of \$14,200, effective January 1, 1974. Additional funds needed are to come from departmental Classified Salaries. (RBC-251)

Central Services

3. Transfer \$30,000 from the Houston Health Science Center Physical Plant-Utilities Maintenance and Operation account to the Central Services Maintenance and Operation account. This transfer is requested to provide for the funding of the Public Health School's telephone service which, in the past, had been budgeted in the Physical Plant accounts. (RBC-278)

HOUSTON MEDICAL SCHOOL

GENERAL ADMINISTRATION

Admissions

1. Transfer \$5,000 from the Medical School Health Professions Capitation Grant Maintenance and Operation to Medical School Capitation Grant-Admissions Maintenance and Operation. This transfer is requested to provide funds for payment of pilot study on an admissions matching plan for medical students. (RBC-330)

ANALYTIC SCIENCES

Biochemistry and Molecular Biology

2. Appoint Takashi Hirabayashi, Ph.D. as Research Associate in the Medical School Program in Biochemistry and Molecular Biology, at an annual salary rate of \$8,500, effective December 1, 1973. Funds needed are to come from departmental HEW Grant No. 1-R01-GM20478-01. (RBC-252)

Pharmacology

3. Appoint James W. Hayden, Ph.D. (non-tenure) as Adjunct Instructor in the Medical School Program in Pharmacology, without salary, effective November 1, 1973. (RBC-273)

4. Appoint Robert W. Farmer, Ph.D. (non-tenure) as Adjunct Associate Professor in the Medical School Program in Pharmacology, without salary, effective September 1, 1973. (RBC-286)

HOUSTON MEDICAL SCHOOL (Continued)Pharmacology (Continued)

5. Appoint Gerald P. Bodey, M.D. (non-tenure) as Associate Professor in the Medical School Program in Pharmacology, without salary, effective September 1, 1973. (RBC-287)

CLINICAL SCIENCESDermatology

6. Appoint the following physicians, as indicated, in the Medical School Program in Dermatology, without tenure and without salary, effective September 1, 1973. (RBC-295)

Clinical Associate Professor

J. B. Richardson, M.D.
Leonard Meltzer, M.D.

Clinical Instructor

John E. Wolf, Jr., M.D.

Clinical Assistant Professor

Samuel F. Bean, M.D.
Fred F. Castrow, II, M.D.
Donald W. Owens, M.D.
W. Roy Knowles, M.D.
Elizabeth W. Rauschkolb, M.D.
Benjamin Wells, M.D.

Internal Medicine - General

7. Appoint James K. Gordon, M.D. (non-tenure) as Clinical Instructor in the Medical School Program in Internal Medicine-General, without salary, effective November 1, 1973. (RBC-284)

8. Appoint Patrick L. Dickerson, M.D. (non-tenure) as Clinical Associate in the Medical School Program in Internal Medicine-General, without salary, effective September 1, 1973. (RBC-288)

9. Appoint the physicians, as indicated, in the Medical School Program in Internal Medicine-General, without tenure and without salary, effective September 1, 1973. (RBC-296)

Clinical Professor

John F. Lancaster, M.D.

Clinical Associate Professor

J. B. Mazow, M.D.
Benjamin W. McCall, M.D.
Harold M. Selzman, M.D.

Clinical Assistant Professor

Charles C. Douglass, M.D.
William R. Gaston, M.D.
Lewis J. Hellerstein, M.D.
Herman Lapin, M.D.
Michael A. Levine, M.D.
W. F. Ossenfort, Jr., M.D.
David H. Short, M.D.
J. R. Strawn, M.D.

Clinical Associate

Moise A. Axelrad, M.D.
Albert H. Braden, Jr., M.D.
David J. Braden, M.D.
A. C. Bullock, M.D.
Robert C. Fulweber, M.D.
John C. Gallagher, M.D.
Lloyd J. Gregory, Jr., M.D.
David Litowsky, M.D.
Ilse H. Mannheimer, M.D.
Charles W. McCaslin, M.D.
Dominic Moore-Jones, M.D.
Carelton M. Neil, M.D.

10. Change the status of Harold L. Dobson, M.D. (non-tenure) from Clinical Associate Professor to Clinical Professor in the Medical School Program in Internal Medicine-General, part-time (54%), at the same annual salary rate of \$33,333, effective September 1, 1973. (RBC-279)

HOUSTON MEDICAL SCHOOL (Continued)Internal Medicine - General (Continued)

11. Transfer \$3,621 from the Medical School Health Professions Capitation Grant No. E03-PE00171-03 Maintenance and Operation to Capitation Grant Internal Medicine-General Maintenance and Operation. (RBC-331)

Internal Medicine - Hematology

12. Create the position of Research Technician II in the Medical School Program in Internal Medicine-Hematology, at an annual salary rate of \$7,632, effective January 1, 1974. Funds needed are to come from the Medical School Program in Pharmacology Classified Salaries. (RBC-259)

13. Appoint Ira N. Doneson, M.D. (non-tenure) as Clinical Instructor in the Medical School Program in Internal Medicine-Hematology, without salary, effective November 1, 1973. (RBC-282)

Internal Medicine - Infectious Diseases

14. Appoint Jorge A. Veronelli, M.D. (non-tenure) as Clinical Assistant Professor in the Medical School Program in Internal Medicine-Infectious Diseases, without salary, effective September 1, 1973. (RBC-298)

Neurology

15. Appoint the physicians, as indicated, in the Medical School Program in Neurology, without tenure and without salary, effective September 1, 1973. (RBC-297)

Clinical Professor Emeritus

Abe Hauser, M.D.

Clinical Associate Professor

Gerald Ratinov, M.D.
William J. Riley, M.D.
Israel H. Schuleman, M.D.
Jorge Weibel, M.D.

Clinical Assistant Professor

Harris M. Hauser, M.D.
Christopher A. Iannucci, M.D.
James M. Killian, M.D.
Donald J. Russell, M.D.

Clinical Instructor

Jack N. Alpert, M.D.
Edward F. Good, M.D.
Robert M. Gordon, M.D.
Jean M. Moure, M.D.
Martin R. Steiner, M.D.

Obstetrics and Gynecology

16. Cancel the appointment of Michael S. Baggish (non-tenure) as Assistant Professor in the Medical School Program in Obstetrics and Gynecology, part-time (25%), at an annual salary rate of \$32,000, paid from General Budget funds, effective January 1, 1974. Dr. Baggish did not accept his appointment. (RBC-238)

17. Appoint Nicola Perone, M.D. (non-tenure) as Clinical Associate in the Medical School Program in Obstetrics and Gynecology, without salary, effective November 1, 1973. (RBC-277)

HOUSTON MEDICAL SCHOOL (Continued)Obstetrics and Gynecology (Continued)

18. Appoint the physicians, as indicated, in the Medical School Program in Obstetrics and Gynecology, without tenure and without salary, effective September 1, 1973. (RBC-299)

Clinical Professor

Arthur M. Faris, Sr., M.D.
Thomas G. Gready, Jr., M.D.

Clinical Associate Professor

Alfred E. Lauden, M.D.
Maurice J. Meynier, Jr., M.D.
Joseph P. Salerno, M.D.
Joseph L. Spezia, M.D.
Matthew H. Talty, M.D.
Kenneth C. Von Pohle, M.D.

Clinical Assistant Professor

Dean J. Candis, M.D.
John K. Cox, M.D.
Levi del Rosario, M.D.
Dixie G. Hamilton, Jr., M.D.
Rowland J. Helman, M.D.
B. Tucker Hollins, M.D.
Joseph S. Lattimore, M.D.
Joe Ed McLemore, M.D.
Mary L. Magee, M.D.
Otto F. Schoenvogel, M.D.
P. Woodbury Smith, M.D.
Stephen Thomas, M.D.
Nathan H. Topek, M.D.
Richard D. Weilberg, M.D.
Orian C. Westbrook, Jr., M.D.
Carlton E. Wolters, M.D.
Ronald B. Wright, M.D.

Ophthalmology

19. Appoint Alan Carl Baum, M.D. (non-tenure) as Clinical Instructor in the Medical School Program in Ophthalmology, without salary, effective September 1, 1973. (RBC-270)

20. Appoint Arne Troelstra, Ph.D. (non-tenure) as Lecturer in the Medical School Program in Ophthalmology, without salary, effective October 1, 1973. (RBC-271)

21. Appoint Charles R. Moore, M.D. (non-tenure) as Clinical Instructor in the Medical School Program in Ophthalmology, without salary, effective October 1, 1973. (RBC-272)

22. Appoint Barry L. Horwitz, M.D. (non-tenure) as Clinical Instructor in the Medical School Program in Ophthalmology, without salary, effective November 1, 1973. (RBC-275)

23. Appoint Jeffrey Day Lanier, M.D. (non-tenure) as Clinical Instructor in the Medical School Program in Ophthalmology, without salary, effective November 1, 1973. (RBC-281)

Pathology

24. Appoint John D. Milam, M.D. (non-tenure) as Clinical Associate Professor in the Medical School Program in Pathology, without salary, effective November 1, 1973. (RBC-280)

Pediatrics

25. Increase the salary of R. Rodney Howell (tenure), Professor and Director of the Medical School Program in Pediatrics, from an annual rate of \$37,200 to an annual rate of \$39,000, effective January 1, 1974. Additional funds needed are to come from departmental Faculty Salaries. (RBC-242)

26. Increase the salary of Charles I. Scott (non-tenure), Associate Professor in the Medical School Program in Pediatrics, from an annual rate of \$31,000 to an annual rate of \$32,800, effective January 1, 1974. Additional funds needed are to come from departmental Faculty Salaries. (RBC-243)

HOUSTON MEDICAL SCHOOL (Continued)Pediatrics (Continued)

27. Increase the salary of Roger E. Stevenson (non-tenure), Assistant Professor in the Medical School Program in Pediatrics, from an annual rate of \$26,000 to an annual rate of \$27,500, effective January 1, 1974. Additional funds needed are to come from departmental Faculty Salaries. (RBC-244)
28. Appoint Jan van Eys, M.D., Ph.D. (non-tenure) as Professor in the Medical School Program in Pediatrics, without salary, effective November 1, 1973. (RBC-269)
29. Appoint Evelyn J. Lorenzen, M.D. (non-tenure) as Clinical Associate in the Medical School Program in Pediatrics, without salary, effective November 1, 1973. (RBC-274)
30. Appoint John P. Board, Jr. (non-tenure) as Adjunct Assistant Professor in the Medical School Program in Pediatrics, part-time (25%), at an annual salary rate of \$28,000, effective January 1, 1974. Funds needed are to come from departmental Faculty Salaries. (RBC-308)

Psychiatry

31. Appoint Walter J. DeFoy, M.D. (non-tenure) as Clinical Assistant Professor in the Medical School Program in Psychiatry, without salary, effective September 1, 1973. (RBC-267)
32. Appoint Abe Hauser, M.D. (non-tenure) as Clinical Professor in the Medical School Program in Psychiatry, without salary, effective September 1, 1973. (RBC-268)
33. Appoint the following physicians, as indicated, in the Medical School Program in Psychiatry, without tenure and without salary, effective November 1, 1973. (RBC-294)

Clinical Assistant Professor

Wayne Keller, M.D.

Clinical InstructorStephen J. Kramer, M.D.
Peter A. Olsson, M.D.

34. Transfer \$3,500 from the Medical School Health Professions Capitation Grant No. E03-PE00171-03 Maintenance and Operation to Capitation Grant Psychiatry Maintenance and Operation. (RBC-332)

Radiology

35. Appoint Edward B. Singleton, M.D. (non-tenure) as Clinical Professor in the Medical School Program in Radiology, without salary, effective November 1, 1973. (RBC-266)
36. Appoint the following physicians (non-tenure) as Clinical Associates in the Medical School Program in Radiology, without salary, effective September 1, 1973. (RBC-292)

J. Barnett Finkelstein, M.D.
Arnold M. Goldman, M.D.
Bao-Shan Jing, M.D.
David D. Paulus, Jr., M.D.
Sidney Wallace, M.D.

Surgery - General

37. Appoint Daniel C. Redmond, II, M.D. (non-tenure) as Clinical Associate in the Medical School Program in Surgery-General, without salary, effective November 1, 1973. (RBC-279)

HOUSTON MEDICAL SCHOOL (Continued)Surgery - Orthopedics

38. Appoint Robert H. Fain, M.D. (non-tenure) as Clinical Assistant Professor in the Medical School Program in Surgery-Orthopedics, without salary, effective November 1, 1973. (RBC-283)

Surgery - Plastic

39. Appoint Robert J. Wise, M.D. (non-tenure) as Clinical Professor in the Medical School Program in Surgery-Plastic, without salary, effective September 1, 1973. (RBC-264)

40. Appoint Simon Fredericks, M.D. (non-tenure) as Clinical Professor in the Medical School Program in Surgery-Plastic, without salary, effective September 1, 1973. (RBC-265)

41. Appoint Charles W. Bailey, Jr., M.D. (non-tenure) as Clinical Associate in the Medical School Program in Surgery-Plastic, without salary, effective November 1, 1973. (RBC-276)

COMMUNITY HEALTH SCIENCESFamily Practice

42. Appoint Thomas P. Kennerly, M.D. (non-tenure) as Clinical Associate in the Medical School Program in Family Practice, without salary, effective September 1, 1973. (RBC-262)

43. Appoint Charles Gordon Tubbs, M.D. (non-tenure) as Clinical Associate in the Medical School Program in Family Practice, without salary, effective September 1, 1973. (RBC-263)

44. Appoint John L. Shudde, M.D. (non-tenure) as Clinical Assistant Professor in the Medical School Program in Family Practice, without salary, effective November 1, 1973. (RBC-285)

OTHER INSTRUCTIONAL PROGRAMSBiomedical Communications

45. Transfer \$816 from the Medical School Department of Central Learning Resources Classified Salaries to the Program in Biomedical Communications Classified Salaries. This transfer is requested to provide additional funds necessary for the 1973-74 fiscal year. (RBC-261)

Library Sciences

46. Appoint the following as Instructors in the Medical School Department of Library Sciences, all without tenure and without salary, effective October 1, 1973. (RBC-293)

Miss Connie Jo Bennett
Miss Kathryn L. Jones
Mr. Joseph Keith Taylor

ORGANIZED ACTIVITIES RELATED TO INSTRUCTIONCentral Learning Resources

47. Change the status of Kenneth R. Riker, Medical School Department of Central Learning Resources, from Chief Communications Engineer, full-time, at an annual salary rate of \$13,008 to Communications Systems Coordinator, part-time (80%), at an annual salary rate of \$16,000, effective January 1, 1974. Funds needed are to come from departmental Classified Salaries. Mr. Riker also serves as Communications Systems Coordinator, part-time (20%), in the Division of Continuing Education Department of Communications. (RBC-256)

HOUSTON MEDICAL SCHOOL (Continued)UNALLOCATED APPROPRIATIONS

48. Lapse \$1,976 (accumulated from unfilled positions) from the Medical School Program in Physiology Classified Salaries to the Medical School Unallocated Appropriations-Faculty Salaries. (RBC-260)

HOUSTON DENTAL BRANCHVarious

1. Transfer \$8,693 from the Dental Branch General Research Support Grant to fund the following projects. (RBC-258)

<u>Investigator</u>	<u>Grant Number</u>	<u>Amount</u>
Dr. Ira L. Shannon	BIO-48-73-01	\$4,068.00
Dr. Eugene Lazzari	BIO-47-73-01	\$1,000.00
Dr. Morton W. Fairleigh	ORTH-44-73-01 (GRT)	\$ 125.00
Dr. Gary M. Gradke	SUR-45-73-01 (GRT)	\$1,750.00
Dr. David Reed	SUR-46-73-01 (GRT)	\$1,750.00

INSTRUCTIONAL ADMINISTRATIONOffice of the Dean

2. Accept the resignation of Douglas B. Seabury, Jr. as Assistant Dean for Student Affairs in the Dental Branch Office of the Dean, part-time (50%), at an annual salary rate of \$32,000, effective January 31, 1974. Dr. Seabury will continue to serve as Associate Professor, part-time (50%), in the Dental Branch Department of Medicine-Endodontics. (RBC-327)

3. Change the status of Benjamin C. McKinney from Acting Dean to Associate Dean of the Houston Dental Branch, at the same annual salary rate of \$40,000, effective January 2, 1974. Dr. McKinney also serves as Professor (with tenure), without salary, in the Dental Branch Department of Preventive Dentistry-Pedodontics. (RBC-310)

SCHOOL OF DENTISTRYGeneral Practice

4. Appoint Charles A. Ray, III (non-tenure) as Assistant Professor in the Dental Branch Department of General Practice, at an annual salary rate of \$16,000, for the period January 14, 1974 through May 31, 1974. Funds needed are to come from departmental Faculty Salaries. (RBC-290)

Medicine - Endodontics

5. Appoint Alan G. Selbst (non-tenure) as Clinical Assistant Professor in the Dental Branch Department of Medicine-Endodontics part-time (10%) at an annual salary rate of \$13,000, effective January 7, 1974. Funds needed are to come from departmental Faculty Salaries. (RBC-289)

Physiology - Pharmacology

6. Appoint Frank J. Dowd (non-tenure) as Clinical Assistant Professor in the Dental Branch Department of Physiology-Pharmacology, without salary, effective December 1, 1973. (RBC-302)

Preventive Dentistry - Community Dentistry

7. Appoint the following as Clinical Assistant Professor in the Dental Branch Department of Preventive Dentistry-Community Dentistry, all without tenure and without salary, effective January 1, 1974. (RBC-291)

Mr. Jose L. Gonzalez
Dr. Claude Haisley
Dr. Shannon T. Peterson

HOUSTON DENTAL BRANCH (Continued)Preventive Dentistry - Community Dentistry (Continued)

8. Appoint Douglas M. Simmons (non-tenure) as Clinical Instructor in the Dental Branch Department of Preventive Dentistry-Community Dentistry, part-time (20%), at an annual salary rate of \$15,800, effective February 1, 1974. Funds needed are to come from departmental Faculty Salaries. (RBC-322)

9. Increase the salary of J. Dean McDaniel (non-tenure), Instructor in the Dental Branch Department of Preventive Dentistry-Community Dentistry, from an annual rate of \$14,000 to an annual rate of \$15,800, effective February 1, 1974. Additional funds needed are to come from departmental Faculty Salaries. (RBC-326)

Preventive Dentistry - Pedodontics

10. Appoint Mesonie T. Halley (non-tenure) as Assistant Professor in the Dental Branch Department of Preventive Dentistry-Pedodontics, at an annual salary rate of \$17,400, effective July 1, 1974. Funds needed are to come from departmental Faculty Salaries. (RBC-325)

11. Cancel the appointment of William M. Hart (non-tenure) as Clinical Assistant Professor, without salary, in the Dental Branch Department of Preventive Dentistry-Pedodontics. (RBC-303)

12. Cancel the appointment of Carolyn Rude (non-tenure) as Clinical Assistant Professor, without salary, in the Dental Branch Department of Preventive Dentistry-Pedodontics. (RBC-304)

13. Appoint the following as Clinical Assistant Professor in the Dental Branch Department of Preventive Dentistry-Pedodontics, all without tenure and without salary, effective September 1, 1973. (RBC-305)

Dr. Kenneth C. Killian
 Dr. Paul Kennedy
 Dr. James A. Reynolds
 Dr. J. Langbery
 Dr. Randolph M. Terry, III
 Dr. Wilson B. Perrin
 Dr. Howard G. Tirschwell

14. Appoint Quinton E. Williams (non-tenure) as Clinical Associate Professor in the Dental Branch Department of Preventive Dentistry-Pedodontics, without salary, effective September 1, 1973. (RBC-306)

Restorative Dentistry - Fixed Multiple Restorations

15. Appoint Robert A. Brolling (non-tenure) as Clinical Associate Professor in the Dental Branch Department of Restorative Dentistry-Fixed Multiple Restorations, without salary, effective February 1, 1974. (RBC-324)

ORGANIZED ACTIVITIES RELATED TO INSTRUCTIONEducation and Research Computer Services

16. Transfer \$175,000 from Dental Branch Health Professions Capitation Grant No. 5 E03 PE-00392-08 to Education and Research Computer Services Equipment account. This transfer is requested to provide funds for the purchase of equipment needed in the Department of Education and Research Computer Services. (RBC-41)

HOUSTON DENTAL BRANCH (Continued)DENTAL SCIENCE INSTITUTE

17. Appoint John L. Wilbur, III, as Research Fellow in the Dental Branch Dental Science Institute, part-time (75%), at an annual salary rate of \$6,400, for the period January 7, 1974 through May 31, 1974. Funds needed are to come from departmental Administrative and Professional Salaries. (RBC-245)
18. Appoint Michael H. Stern as Research Fellow in the Dental Branch Dental Science Institute, part-time (75%), at an annual salary rate of \$6,400, for the period January 7, 1974 through May 31, 1974. Funds needed are to come from departmental Administrative and Professional Salaries. (RBC-246)
19. Appoint Harris A. Lichtenstein (non-tenure) as Faculty Associate in the Dental Branch Dental Science Institute, part-time (40%), at an annual salary rate of \$18,000 for the period February 1, 1974 through June 30, 1974. Funds needed are to come from NASA Contract No. NAS-9-11118. (RBC-323)

HOUSTON GRADUATE SCHOOL OF BIOMEDICAL SCIENCESINSTRUCTIONGeneral Instruction

1. Appoint the following physicians (non-tenure) as Adjunct Assistant Professors in the Graduate School Department of General Instruction, without salary, effective September 1, 1973. (RBC-301)

Michael Siciliano
David Wright

Demographic and Population Genetics Center

2. Transfer \$2,060 from the Graduate School Medical Genetics Center Classified Salaries to Demographic and Population Genetics Center Classified Salaries (\$1,460) and Maintenance and Operation (\$600). This transfer is requested to provide additional operating funds necessary for the balance of the 1973-74 fiscal year. (RBC-257)

Sensory Sciences Center

3. Appoint Roy H. Jacobs as Research Associate in the Graduate School Sensory Sciences Center, at an annual salary rate of \$12,000, for the period December 1, 1973 through December 31, 1973. Funds needed are to come from departmental Classified Salaries. (RBC-240)
4. Appoint Scott F. Basinger, Ph.D. (non-tenure) as Adjunct Assistant Professor in the Graduate School Sensory Sciences Center, without salary, effective September 1, 1973. (RBC-300)

PUBLIC HEALTH SCHOOLSpecial Equipment Matching Fund

1. Transfer \$13,000 from the Public Health School Travel accounts indicated below to Special Equipment Matching Fund account. This transfer is requested to provide funds for the Public Health School Phase II Building Program budget. (RBC-236)

Office of the Dean	\$ 500	Health Services	
Associate Dean for		Administration	\$1,000
Research	500	International Health	1,000
Disease Control	4,000	Population Studies	2,000
Environmental Health	3,000	Urban Health	1,000

PUBLIC HEALTH SCHOOL (Continued)GENERAL ADMINISTRATIONStudent Records

2. Increase the salary of Lois A. Monroe, Assistant to the Dean in the Public Health School Office of Student Records, from an annual rate of \$11,100 to an annual rate of \$13,000, effective January 1, 1974. Additional funds needed are to come from the Office of the Dean Classified Salaries. (RBC-249)

LIBRARY

3. Increase the salary of Stephanie Z. Normann, Librarian in the Public Health School Library, from an annual rate of \$11,100 to an annual rate of \$12,000, effective January 1, 1974. Additional funds needed are to come from the Office of the Dean Classified Salaries. (RBC-250)

INSTRUCTIONAL ADMINISTRATIONOffice of the Dean

4. Transfer \$145,000 from the Public Health School HEW Grant No. 2-E02-AH00016-05 Personnel as indicated. (RBC-235)

Consumable Supplies	\$ 18,140
Other Expenses	39,700
Consultant Services	35,000
Computer Rental	38,160
Library Books	14,000

5. Transfer \$8,000 from the Public Health School Formula Grant No. 2-E02-AH00016-05 (\$2,100 from Consultant Services and \$5,900 from Restricted Funds) to Equipment. This transfer is requested to provide funds for the purchase of a computer terminal and related equipment. (RBC-319)

Associate Dean for Research

6. Increase the salary of Marjorie Forster, Assistant to the Dean, Public Health School Office of the Associate Dean for Research, from an annual rate of \$12,000 to an annual rate of \$13,000, effective January 1, 1974. Additional funds needed are to come from Office of the Dean Classified Salaries. (RBC-248)

Associate Dean for Student Affairs

7. Increase the salary of Elizabeth A. Chadderdon, Assistant to the Dean, Public Health School Office of the Associate Dean for Student Affairs, from an annual rate of \$10,300 to an annual rate of \$12,000, effective January 1, 1974. Additional funds needed are to come from departmental Classified Salaries. (RBC-247)

INSTRUCTIONDisease Control

8. Change the status of Reuben D. Wende, Dr.P.H. (non-tenure), Public Health School Department of Disease Control, from Adjunct Associate Professor, without salary, to Visiting Associate Professor, part-time (25%), at an annual salary rate of \$25,400, effective February 1, 1974. Funds needed are to come from departmental Faculty Salaries. (RBC-321)

PUBLIC HEALTH SCHOOL (Continued)International Health

9. Appoint John M. Swint, Ph.D. as Assistant Research Economist in the Public Health School Department of International Health, at an annual salary rate of \$16,000, effective January 14, 1974. Funds needed are to come from departmental Faculty Salaries. (RBC-241)

DIVISION OF CONTINUING EDUCATIONINSTRUCTIONCommunications

1. Appoint Lori Reingold as Educational Media Specialist in the Division of Continuing Education Department of Communications, at an annual salary rate of \$9,648, effective January 1, 1974. Funds needed are to come from departmental Administrative and Professional Salaries. (RBC-253)

2. Cancel the appointment of Robert S. Strong as Manager and Engineering Consultant in the Division of Continuing Education Department of Communications, at an annual salary rate of \$18,500, effective January 1, 1974. Mr. Strong did not accept his appointment. (RBC-254)

3. Appoint Kenneth R. Riker as Communications Systems Coordinator in the Division of Continuing Education Department of Communications, part-time (20%), at an annual salary rate of \$16,000, effective January 1, 1974. Funds needed are to come from departmental Administrative and Professional Salaries. Mr. Riker also serves as Communications Systems Coordinator, part-time (80%), in the Medical School Department of Central Learning Resources. (RBC-255)

OTHER FISCAL ITEMSProject No. 701-302 - President's residence

It is recommended that an appropriation of \$150,000 from Tuition Revenue Bond Proceeds be made to provide for the acquisition.

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The University of Texas
Health Science Center at San Antonio
7703 Floyd Curl Drive
San Antonio, Texas 78284

Office of the President

Phone: (512) 696-6105

March 26, 1974

Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the May 3, 1974 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,

A handwritten signature in cursive script that reads "Frank Harrison".

Frank Harrison
President

FH:sh

Handwritten initials "RH" in a stylized cursive font, followed by a long horizontal line extending to the right.

THE UNIVERSITY OF TEXAS
HEALTH SCIENCE CENTER AT SAN ANTONIO

GIFTS: Acceptance is recommended for the following gift which has been received:

San Antonio Dental School

<u>Donor</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
Woman's Auxiliary to the Texas Dental Association 1809 Raydon Arlington, Texas 76013	Dental Student Loan Fund	\$5,000.00

10/7/74

TRAVEL FOR FACULTY AND STAFF: The following travel is reported in accordance with Section 13.33 of Chapter III, Part Two of the Regents Rules and Regulations of the Board of Regents for government of The University of Texas System:

San Antonio Medical School

Mr. Luke Lanigan, Senior Research Assistant, March 1, 1974 to May 1, 1974 to Lyon, France to teach the directors of Institute Merieux the methods and procedures of preparing specific M.tb. antigens for clinical trials. This is an extremely important summary of the tuberculosis research which has been conducted in Dr. Kniker's laboratory at The University of Texas Medical School at San Antonio. Expenses to be paid by Institute Merieux.

10/7/74

AMENDMENT TO PERSONNEL PAY PLAN: Approval is requested of the following new job classification to be added to the Personnel Pay Plan of The University of Texas Health Science Center at San Antonio, effective retroactively to February 1, 1974:

<u>Code Number</u>	<u>Title</u>	<u>Monthly Range</u>	<u>Annual Range</u>
9650	Buyer III	\$636-831	\$7632-9972

10/7/74

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL): Approval is requested for the following:

San Antonio Medical School

The Hogg Foundation for Mental Health
The University of Texas
Austin, Texas 78712

1. Research Grant
Proposal for a Study of Curanderismo in South Texas
Dr. Cervando Martinez, Jr., Department of Psychiatry
\$1,300.00
February 1, 1974 - January 31, 1975

10/7/74

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNEMNTAL) : (continued)

Hoffman - La Roche, Inc.
 950-E Executive Plaza
 4615 Southwest Freeway
 Houston, Texas 77027

2. Research Grant
Valium in Reflex Lumbar Muscle Spasm
 Dr. Herschel L. Douglas, Department of Family Practice
 \$3,000.00
 February 1, 1974 - January 31, 1975

Alza Research
 950 Page Mill Road
 Palo Alto, California 94304

3. Research Grant
Part I - Intraocular Penetration of Chloramphenicol Following Topical, Subconjunctival, and Continuous Ocular Delivery Systems in the Rabbit
Part II - Intraocular Penetration of Chloramphenicol Using Pulsed Continuous Delivery Systems in Rabbit Aqueous
 Dr. Robert Poirier, Department of Surgery
 \$4,000.00
 February 1, 1974 - January 31, 1975

The National Foundation
 March of Dimes
 1275 Mamaroneck Avenue
 White Plains, New York 10605

4. Research Grant 6-74-6
Intrauterine Pressure Waveform Analysis in Human Labor
 Dr. Joseph Seitchik, Department of Obstetrics and Gynecology
 \$24,976.00
 April 1, 1974 - March 31, 1975

Albert W. Hartman-Edgar L. Frazell
 Foundation for Medical Research
 809 Nix Professional Building
 San Antonio, Texas 78205

5. Research Grant
Effect of Local and Systemic Methylprednisolone Sodium Succinate on Autogenous Femoral Vein Grafts
 Dr. Jerry L. Franz, Department of Surgery
 \$4,320.00
 April 1, 1974 - March 31, 1976

San Antonio Dental School

The Hogg Foundation for Mental Health
 The University of Texas
 Austin, Texas 78712

6. Research Grant
Dental Program to Assist the Chronically Ill and Aged
 Dr. Sidney L. Miller, Community Dentistry
 \$1,000.00
 February 1, 1974 - January 31, 1975

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GRANTS, CONTRACTS AND AGREEMENTS (OTHER): Approval is requested for the following:

San Antonio Health Science Center

Southwest Foundation for Research and Education
P.O. Box 28147
San Antonio, Texas 78284

1. Subcontract under Contract No. CPSC-C-74-159
A Toxicological Investigation of Chronic Lead Paint Ingestion in the Juvenile Baboon
Dr. William B. Stavinoha, Department of Pharmacology
Not to exceed \$4,277.00
March 18, 1974 - November 30, 1974

Bexar County Hospital District
4502 Medical Drive
San Antonio, Texas 78284

2. Reimbursement for Services by the Regional Health Services Research Institute of the Department of Psychiatry
Dr. Harold Dickson, Department of Psychiatry
\$14,000.00
February 15, 1974 - July 15, 1974
3. Bexar County Hospital District Contract #8
Reimbursement for Administrative, Management and Supervisory Services
Dr. Frank Harrison
\$346,500.00
January 1, 1974 - December 31, 1974
4. Reimbursement for Professional Services for Outreach Clinic-Eastside
Dr. Herschel Douglas, Department of Family Practice
\$16,007.50
January 1, 1974 - August 31, 1974

The University of Texas Health Science
Center at Dallas
5323 Harry Hines Boulevard
Dallas, Texas 75235

5. Subcontract Under Research Contract RFP-NIH-NIAID-72-54 and covered by N01 AI 22531
Continue Evaluation of Histocompatibility Matching in Renal Transplantation
Dr. Marvin Forland, Department of Medicine
\$6,555.00
December 29, 1973 - December 28, 1974

Re + JT

GRANTS, CONTRACTS AND AGREEMENTS (STATE) : Approval is requested for the following:

San Antonio Health Science Center

Office of Information Services, Executive Department

1. Interagency Contract (74-75)-0731
Reimbursement for In-State Long Distance Voice Telephone Services Provided on TEX-AN
\$57,140.00
January 1, 1974 (or later activation date of TEX-AN) -
August 31, 1975

THE UNIVERSITY OF TEXAS
HEALTH SCIENCE CENTER AT SAN ANTONIO
FEDERAL CONTRACTS AND GRANTS
 May 3, 1974 Meeting

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GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL): Approval is requested for the following:

San Antonio Health Science Center

Department of Health, Education, and Welfare

National Institute of Arthritis, Metabolism & Digestive Diseases

1. Research Grant 1 R01 AM16840-01

Stimulation and Mechanisms of Intestinal Transport

Dr. Ernest Urban, Department of Medicine

Total Award: \$22,041

New Money: \$22,041

March 1, 1974 - February 28, 1975

Activities, goals, and purposes of grant:

The research proposal is designed to study mechanisms of intestinal transport with special emphasis on calcium. An attempt will be made to delineate transport mechanisms by stimulation of transport in contrast to the more usual studies with metabolic inhibitors. To this purpose adaptive changes in transport occurring in remaining gut following extensive intestinal resection will be studied by both in vivo and in vitro techniques. Transport of luminal substrates other than calcium will also be investigated with these methodologies. Data obtained can be expected to increase our understanding of adaptive and stimulatory capabilities of small and large intestine. A theoretical basis for the more rational management of patients with surgically shortened, functionally impaired or extensively diseased intestine may ensue.

Other information:

The above studies are an outgrowth of ongoing projects in the Division of Gastroenterology. The award will insure adequate technical assistance and supplies and allow the proposed research to be carried out.

Expenditure estimates by county:

All Bexar County, Texas

National Institute of Allergy and Infectious Diseases

Change in Grant Previously Approved:

2. Research Grant 5 R01 AI 10840-02

Histoplasma Ribosomal Fractions as Immunogens

Dr. Robert L. Taylor, Department of Microbiology

Extension of time to October 31, 1974

No additional funds

FEDERAL CONTRACTS AND GRANTS (continued)

Division of Research Resources

Change in Grant Previously Approved:

3. Supplemental Award
 General Research Support Grant 3 S01 RR05654-06S1
General Research Support Grant
 Dr. Frank Harrison
 Total Award: \$91,734.00
 New Money: \$91,734.00
 January 1, 1973 - December 31, 1973
4. Research Grant 5 S01 RR05654-07
General Research Support Grant
 Dr. Frank Harrison
 Total Award: \$97,214.00
 New Money: \$97,214.00
 January 1, 1974 - December 31, 1974
Activities, goals, and purposes of grant:
 To provide institutional funds for the support of health-related research and research training. To meet emerging opportunities, to explore new and unorthodox ideas, and to permit early support of promising scientists.
Other information:
 This is the seventh year of this support.
Expenditure estimates by county:
 All Bexar County, Texas

National Cancer Institute

5. Research Grant 2 R10 CA12275-04
Central Oncology Group
 Dr. J. Bradley Aust
 Total Award: \$19,835.00
 New Money: \$19,835.00
 February 1, 1974 - January 31, 1975
Activities, goals, and purposes of grant:
 We are a member institution of the Central Oncology Group, a government sponsored organization to carry out cooperative projects supported by the National Cancer Institute. The major thrust of this group is to evaluate the usefulness of new chemotherapeutic agents, combinations of chemotherapeutic agents, and chemotherapeutic agents as an adjunct to surgical treatment of so-called "solid" cancers.
Other information:
 This is a continuing project which has been in operation since The University of Texas Medical School at San Antonio started.
Expenditure estimates by county:
 All Bexar County, Texas

Change in Contract Previously Approved:

6. Research Contract N01 CP 23210
Development of In Vitro Methods for the Detection of Cell-Mediated Immunologic Reactivity to Chemical Carcinogens
 Dr. Daniel E. Thor, Department of Microbiology
 Extension of time to February 28, 1974
 No additional funds

FEDERAL CONTRACTS AND GRANTS (continued)

Bureau of Health Resources Development

Change in Grant Previously Approved:

7. Supplemental Award
 Scholarship and Loan Program 06L480045 74 BHL10
Health Professions Scholarship - Medical School
 Dr. Frank Harrison
 Total Award: \$17,028.00
 New Money: \$17,028.00
 July 1, 1973 - June 30, 1975

Change in Grant Previously Approved:

8. Supplemental Award
 Scholarship and Loan Program 06L480049 74 BHL30
Health Professions Scholarship - Dental School
 Dr. Frank Harrison
 Total Award: \$3,605.00
 New Money: \$3,605.00
 July 1, 1973 - June 30, 1975

Health Professions Education

9. Training Grant 1 D08 PE 08077-01
Health Professions Special Project Grant for Preceptorship Training

Dr. Alexander W. Pierce, Jr., Department of Pediatrics

Total Award: \$32,541.00

New Money: \$32,541.00

March 1, 1974 - June 30, 1975

Activities, goals, and purposes of grant:

The objective of this preceptorship grant is to motivate students toward career goals in the primary health care disciplines (Family Medicine, Pediatrics, Internal Medicine) in areas of rural practice or physician shortage by providing senior students the opportunity to: 1) develop role identity; 2) acquire a knowledge of community life and the physician's role in smaller communities; 3) participate in the delivery of health care in a private practice setting; 4) acquire knowledge of the organization of community health care in rural areas.

Other information:

While preceptee stipends may well not be continued beyond the grant supported period of development of this program, sufficient momentum should be generated in education excellence achieved to assure successful continuation of preceptorships.

Expenditure estimates by county:

Blanco County - \$66.32	Bexar County - \$31,712.28
Kerr County - \$67.28	Wharton County - \$93.92
Wilson County - \$57.20	Wichita County - \$131.12
Grimes County - \$93.20	Maverick County - \$84.00
Gillespie County - \$67.76	Atascosa County - \$57.44
	Cameron County - \$110.48

Change in Grant Previously Approved:

10. Supplemental Award
 Training Grant 3 D08 PE01249-02S1
Health Professions Special Project Grant Program
 Dr. Jack L. Hartley, Department of Operative Dentistry
 Total Award: \$10,000.00
 New Money: \$ 3,588.00
 July 1, 1973 - June 30, 1974

FEDERAL CONTRACTS AND GRANTS (continued)

11. Training Grant 5 A07 AH 00283-03
Apprenticeships - Public Health Traineeships
 Dr. Sidney L. Miller, Department of Community Dentistry
 Total Award: \$4,536.00
 New Money: \$4,536.00
 March 1, 1974 - February 29, 1976
Activities, goals, and purposes of grant:
 This is a summer apprenticeship training program in dental public health for two dental students which is intended to contribute to their preparation for roles of responsibility in community health practice and to develop in them an interest in careers in public health practice. The training strategy is geared towards practical application of the principles of public health and preventive dentistry. Following an initial period of indoctrination and orientation, which will include extensive personal contact and discussion with selected faculty members, the trainees under supervision will design and conduct a research project. The ensuing data will be analyzed and a report will be written. The activity will be evaluated on the basis of the following:
- a. attitudinal improvement towards public health
 - b. a narrative critique in writing from each of the trainees
 - c. acceptance by a dental journal of the research report for publication
- Other information:
 The current grant award permits continuation of a training program conducted last year dealing with mercury vapor levels in dental operatories. This year, the trainees will explore the correlation between such levels with the presence of absorbed mercury in nail clippings, hair, and urine of those employed in these operatories. The current award period is for a 2-year program.
Expenditure estimates by county:
 All Bexar County, Texas

National Institute of Mental Health

12. Research Grant 1 R01 MH25168-01
Study of Brain Metabolism Through Microwave Heating
 Dr. William B. Stavinocha, Department of Pharmacology
 Total Award: \$51,547.00
 New Money: \$51,547.00
 February 1, 1974 - January 31, 1975
Activities, goals, and purposes of grant:
 To study the rapid metabolism of the brain using electromagnetic radiation to rapidly inactivate the enzymes in the rodent brain.
Other information:
 The research support is central to our continuing research effort.
Expenditure estimates by county:
 All Bexar County, Texas

FEDERAL CONTRACTS AND GRANTS (continued)

United States Air Force School of Aerospace Medicine

Brooks Air Force Base Aerospace Medical Division

13. Research Contract F41609-74-C-0018
Research and Reports on Biological Effects of AF Transmitters
 Near Fields
 Dr. William B. Stavinoha, Department of Pharmacology
 Total Award: \$68,897.00
 New Money: \$68,897.00
 February 4, 1974 - August 4, 1974
Activities, goals, and purposes of grant:
 To study the effects of non-ionizing radiation upon the central nervous system of animals, with the purpose of finding safe exposure limits for human beings.
Other information:
 The studies of central nervous system function are within the area of our primary research interest and capability.
Expenditure estimates by county:
 All Bexar County, Texas

National Aeronautics and Space Administration

- Change in Grant Previously Approved:
 14. Research Grant NGR 44-094-003, Supplement No. 2
The Role of Systemic and Renal Hemodynamics as Determinants
 of Sodium Excretion and Volume Regulation
 Dr. Laurence E. Earley, Department of Medicine
 Extension of time to June 30, 1974
 No additional funds

THE UNIVERSITY OF TEXAS
HEALTH SCIENCE CENTER AT SAN ANTONIO
AMENDMENTS TO THE 1973-74 OPERATING BUDGET
 May 3, 1974 Meeting

REQUESTS FOR BUDGET CHANGE: Approval is requested for the following:

San Antonio Health Science Center

Anesthesiology

1. Promote Dr. Teresita V. Fulgencio-Dujon (non-tenure) (without salary) from Assistant Instructor to Assistant Professor effective February 1, 1974. Dr. Fulgencio-Dujon is a full time staff member of the Department of Anesthesiology in the Veterans Administration Hospital. (RBC 170)
2. Appoint Dr. Maurice Chait (non-tenure) as Visiting Assistant Professor, at an annual salary rate of \$25,000 effective March 1, 1974. Funds needed for this appointment to come from Unallocated-Resident Instruction. (RBC 173)
3. Appoint Dr. William S. Gegg, (non-tenure) as Assistant Professor at an annual salary rate of \$25,000 effective February 1, 1974. Funds needed for this appointment to come from Unallocated-Resident Instruction. (RBC 174)

Bioengineering

4. Change the status of Dr. Yuriy V. Terekhov (non-tenure) from Engineering Technician I at an annual salary rate of \$7,380 to Research Scientist at an annual salary rate of \$15,372 effective January 1, 1974. Previous appointment was temporary and this represents a significant change in duties. Transfer \$10,248 from Unallocated-Resident Instruction to Bioengineering - Classified Salaries. (RBC 147)

Family Practice

5. Reappoint Dr. Marian C. Fisher (non-tenure), Assistant Professor at an annual salary rate of \$20,500, (60% time from BCHD Contract #8) and (40% time from DHEW Grant 06-H-000290-02-1) effective January 1, 1974 through March 31, 1974. (RBC 154)

Microbiology

6. Appoint Dr. Jerry L. Harris (non-tenure) as Assistant Professor (without salary) effective December 1, 1973. Dr. Harris serves as Assistant Professor (non-tenure) Department of Pathology, at an annual salary rate of \$28,000. (RBC 162)
7. Appoint Dr. Bernard P. Sagik (non-tenure) as Professor (without salary) effective September 1, 1973. Dr. Sagik serves as Dean, College of Science and Mathematics, The University of Texas at San Antonio. (RBC 167)
8. Appoint Dr. Richard E. Ellis (non-tenure) as Assistant Professor (without salary) effective December 1, 1973. Dr. Ellis serves as Assistant Professor, Department of Family Practice, at an annual salary rate of \$25,000. (RBC 168)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET (continued)Pathology

9. Appoint Mr. Harold D. Schantz (non-tenure) as Instructor at an annual salary rate of \$12,000 effective January 1, 1974. Funds needed for this appointment to come from Unallocated-Resident Instruction. (RBC 151)

Pediatrics

10. Appoint Dr. David C. Mullins (non-tenure) as Assistant Professor at an annual salary rate of \$27,000 (50% from Teaching Salaries and 50% paid from Santa Rosa Medical Center Grant) effective April 1, 1974. Transfer \$5,625 from Unallocated-Resident Instruction to Teaching Salaries. (RBC 165)

Pharmacology

11. Appoint Dr. Arvind T. Modak (non-tenure) as Special Research Coordinator at an annual Salary rate of \$18,000 effective December 1, 1973 through February 28, 1974. Dr. Modak will be paid from USAF Contract AFOSR 71-2074 D. (RBC 171)

12. Appoint Dr. Arthur C. Ellison (non-tenure) (11% time) as Special Research Coordinator at an annual salary rate of \$17,600 effective February 1, 1974 through April 30, 1974. Dr. Ellison also serves as Special Research Coordinator (89% time) in the department of Surgery. (RBC 176)

Physiology

13. Increase the annual salary rate of Dr. Roger J.M. McCarter (non-tenure) Assistant Professor (85% time) from \$19,700 to \$21,500 effective January 1, 1974. Dr. McCarter also serves as Assistant Professor (15% time), Graduate School Instruction. Funds needed for this increase to come from Unallocated-Resident Instruction. (RBC 152)

14. Change the effective date of appointment for Dr. Duane W. Proppe (non-tenure), Instructor, at an annual salary rate of \$17,000 from January 1, 1974 to February 15, 1974. Transfer unused salaries in the amount of \$2,125.00 to Unallocated-Resident Instruction. (RBC 169)

15. Accept the resignation of Dr. Robert E. Schuhmann (non-tenure) as Assistant Professor (50% time) at an annual salary rate of \$19,900 effective at the close of business January 31, 1974. Transfer unused Teaching Salaries in the amount of \$5,804.15 to Unallocated-Resident Instruction. (RBC 172)

Psychiatry

16. Accept the resignation of Dr. Richard E. McKenzie (non-tenure) as Assistant Professor at an annual salary rate of \$20,200 (paid 74% time from Teaching Salaries and 26% time from DHEW Grant 5T01 MH 12701-03) effective at the close of business December 31, 1973. Transfer unused Teaching Salaries in the amount of \$10,000 to Unallocated-Resident Instruction. (RBC 148)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET (continued)

17. Change the source of funds and promote Dr. Kenneth R. Bouillion (non-tenure) from Instructor at an annual salary rate of \$13,800 (25% time from Bexar County Community Guidance Center, 65% from Childrens Center of San Antonio and 10% from DHEW Grant 5 TO1 MH 12701-03) to Assistant Professor at an annual salary rate of \$14,700 (24% from Bexar County Community Guidance Center, 62% from Childrens Center of San Antonio and 14% from DHEW Grant 5 TO1 MH 12701-03) effective January 1, 1974. (RBC 158)
18. Change the percent of time and source of funds for Dr. Habib Nathan (non-tenure) Clinical Assistant Professor at an annual salary rate of \$25,400 from BCHD Contract #8 (25% time) to BCHD Contract #8 (25% time) and City of San Antonio Grant (20% time) effective January 1, 1974 through February 28, 1974. (RBC 159)
19. Promote Dr. Wayne J. Ehrisman (non-tenure) from Instructor at an annual salary rate of \$15,200 (paid 80% from Childrens Center of San Antonio grant and 20% from DHEW Grant 5 TO1 MH 12701-03) to Assistant Professor at an annual salary rate of \$15,700 (paid 80% from Childrens Center of San Antonio Grant and 20% from DHEW Grant 5 TO1 MH 12701-03) effective January 1, 1974. (RBC 160)
20. Accept the resignation of Dr. John M. Grasse, Jr. (non-tenure) Clinical Assistant Professor (60% time) at an annual salary rate of \$22,800 effective at the close of business December 31, 1973. Dr. Grasse was paid from BCHD Contract #7. (RBC 163)
21. Appoint Dr. De La Pena (non-tenure) as Assistant Professor at an annual salary rate of \$17,500 for the period of January 15, 1974 through March 31, 1974. Funds needed for this will come from Unallocated-Resident Instruction. (RBC 164)
22. Appoint Dr. David H. Ross (non-tenure) as Assistant Professor (without salary) effective September 1, 1973. Dr. Ross serves as Assistant Professor (non-tenure) Department of Pharmacology, at an annual salary rate of \$19,000. (RBC 166)
- Surgery
23. Appoint Dr. Arthur C. Ellison (non-tenure) as Special Research Coordinator at an annual salary rate of \$17,600, (he will be paid 9% time from Parke-Davis grant, 40% time from Lederle grant, 25% time from Gifts from MSRDP and 15% time from Carbahol Research) effective February 1, 1974 through April 30, 1974. Dr. Ellison will also serve 11% time as Special Research Coordinator of the Department of Pharmacology. (RBC 175)
24. Change the status of Dr. Jack R. Robison (tenure) Associate Professor, at an annual salary rate of \$28,000 from 100% time to 25% time effective February 1, 1974. Dr. Robison will serve as staff member (75% time) in the Department of Surgery in the Veterans Administration Hospital. Transfer unused Teaching Salaries in the amount of \$12,250.04 to Unallocated-Resident Instruction. (RBC 177)

AMENDMENTS TO THE 1973-74 OPERATING BUDGET (continued)Purchasing

25. Appoint Mr. Wayne C. Peeks, Assistant Purchasing Agent at an annual salary rate of \$10,800 effective February 1, 1974. Funds needed for this are to come from Unallocated General Administration. (RBC 161)

San Antonio Graduate School of Biomedical SciencesGraduate School Instruction

26. Increase the annual salary rate of Dr. Roger J.M. McCarter (non-tenure) Assistant Professor (15% time) from \$19,700 to \$21,500 effective January 1, 1974. Dr. McCarter also serves as Assistant Professor (85% time), Physiology. Funds needed for this increase to come from Unallocated-Graduate School. (RBC 153)

2

PARKING AND TRAFFIC REGULATIONS: It is requested that the Parking and Traffic Regulations be approved for the academic year 1974-75:

THE UNIVERSITY OF TEXAS HEALTH
SCIENCE CENTER AT SAN ANTONIO

Parking and Traffic Regulations

1974-75

General Information

Pursuant to the provisions of the Texas Education Code, the Board of Regents of The University of Texas System has promulgated these regulations pertaining to the operation and parking of vehicles on the grounds, streets, drives, alleys, and other institutional property of The University of Texas Health Science Center at San Antonio. These regulations are to insure the safety of all persons who use the campus and to provide for optimum use of limited parking facilities. The regulations apply on all parts of the campus throughout the day and night, and are supplementary to all laws and regulations of the State of Texas and the City of San Antonio that govern the use of vehicles.

Motor vehicles of all types, [~~including motorcycles, motorscooters, and motorbicycles,~~] and bicycles are subject to the provisions of these regulations and all motor vehicles must have a properly displayed current registration decal in order to park on the campus of The University of Texas Health Science Center at San Antonio. As used in these regulations, the term "campus" or "University campus" means all property owned or controlled by The University of Texas Health Science Center at San Antonio.

Neither The University of Texas Health Science Center at San Antonio nor its officers or employees shall assume any responsibility for the care or protection of any vehicle or its contents at any time that such vehicle is operated or parked upon the campus.

Article I. General Provisions

- Section 1. The commissioned University of Texas Police Officers are vested with all the powers, privileges and immunities of peace officers while on the campus or otherwise in the performance of their duties and are empowered to enforce all of these laws and the campus parking and traffic regulations.
- Section 2. If any part of these parking, traffic and security regulations is held to be invalid such invalidity shall not affect other provisions which can be given effect without the invalid provision, and to this end the provisions of these regulations are declared to be severable.
- Section 3. The provisions of these regulations shall be cumulative of all other laws.
- Section 4. On special occasions and in emergencies, University Police Officers may impose temporary parking and traffic control restrictions. These temporary restrictions shall have all the force of other written and approved regulations and shall be subject to the same penalties. On special occasions and in emergencies they may also waive parking restrictions.

- Section 5. It shall be a violation to commit any act prohibited by these regulations or to fail to do any act required by these regulations.
- Section 6. The words motor vehicle or vehicle as used in these regulations shall include automobiles, buses, trucks, trailers, motorcycles, motorscooters, and motorbikes.
- Section 7. The operation of a motor vehicle or bicycle shall be restricted to the campus drives, streets, and parking lots.
- Section 8. Motor vehicles and bicycles operated or parked on the campus must comply with all State Laws, City Ordinances and the Traffic and Parking Regulations of The University of Texas Health Science Center at San Antonio.
- Section 9. The speed limit on all parts of the Campus is 15 miles per hour.
- Section 10. Parking is restricted to lined parking spaces. Motor vehicles must be parked within the boundaries of these lined spaces.
- Section 11. Visitor parking is restricted to those parking spaces marked as such and under no circumstances are students, employees or faculty members allowed to park in the visitors parking spaces. When groups of visitors are involved, arrangements should be made with the University Police for temporary permits for the visitors to park in other areas if the visitor reserved spaces are not sufficient.
- A visitor is defined as a person who is neither a student nor an employee of the University, nor is he a person who uses campus parking facilities for the benefit of a student or employee.
- Section 12. Temporary parking permits may be issued through the University Police Office for the purpose of parking in a zone ordinarily restricted. This may be done when it is in the best interest and convenience of The University. Such a temporary permit must be displayed on the windshield of the vehicle.
- Section 13. Parking is not allowed where prohibited by signs or on red curbs or over the posted time limits.
- Section 14. Parking is prohibited on any lawn, curb or sidewalk, or any area not designated as a parking space, or in any restricted or unauthorized area. No motor vehicle or bicycle may be parked, used or left within any University building at anytime.
- Section 15. Parking in loading zones is restricted to trucks and trailers and is limited to the time while actually loading and unloading. Parking in a loading zone by a passenger vehicle is allowed only if in the actual process of loading and unloading and then only if a written parking permit to do so is displayed on the windshield.

- Section 16. Parking on the campus for more than 24 hours, without being moved, or at any time for the purpose of storage, washing, greasing, or repairing such vehicle (except emergency repairs) is prohibited. Vehicles which are the property of The University of Texas, parked in their proper spaces, are excepted.
- Section 17. If a person who has a valid parking decal must temporarily utilize another vehicle, he must first obtain a temporary parking permit from the University Police and place it in the lower right hand corner of the front windshield (passenger side) in order to park that vehicle on the campus.
- Section 18. Employees, faculty and students are prohibited from parking in visitor parking spaces at any time.
- Section 19. Salaried faculty members, heads of administrative departments of The University of Texas Health Science Center, and salaried faculty of the Clinical Nursing School are eligible to purchase decals which will be honored in any of several reserved parking areas. The president, vice-president, academic deans, and departmental chairmen are eligible to purchase reserved parking spaces.
- Section 20. Reserved spaces for [~~disabled~~] handicapped may be used only by persons who have a parking permit for that reserved space.
- Individuals having physical handicaps may apply for special parking assignments by submitting a letter to the Traffic Committee setting forth the reason for the request. Approval must be obtained from the Traffic Committee before the University Police will issue a handicap permit. Vehicles bearing a handicap permit may park in spaces designed for the handicapped. Handicapped areas are reserved twenty-four hours a day.
- Temporary handicap permits may be issued by the University Police without approval of the Traffic Committee.
- Section 21. Passenger vehicles or trucks may not park in the spaces reserved for [~~motorcycles~~] two wheel vehicles.
- Section 22. Parking on the campus is prohibited unless the vehicle properly displays a current valid parking permit decal (trucks making deliveries and visitors are excepted).
- Section 23. When a motor vehicle has been registered and after the parking permit fee is paid a parking permit decal will be issued and at that time the permit holder will be assigned a parking area. The parking permit decal properly displayed on that vehicle entitles that car to be parked in the assigned area.
- Section 24. A parking permit which has been cancelled, improperly obtained, or which belongs on another vehicle shall not be displayed.

- Section 25. It is prohibited to park a motor vehicle so as to obstruct the entrance way to any building.
- Section 26. It is prohibited to park a motor vehicle in any place it may create a traffic hazard or where it blocks or impedes pedestrian or vehicular traffic.
- Section 27. The operator of a motor vehicle shall:
- A. Be required to yield the right of way to pedestrians at all times.
 - B. Be required to stop the vehicle at all stop signs and then proceed with caution.
 - C. Be required to report immediately any collision in which he is involved to the nearest University Police Officer.
 - D. Be required to have a valid drivers license in his possession in order to operate a motor vehicle on the campus.
 - E. Be required to show his driver's license when requested to do so by a University Police Officer.
 - F. Be prohibited from driving beyond a barricaded area or where prohibited by signs, and be prohibited from moving such barricades or signs.
 - G. Follow the orders, directions or signals of a University Police Officer in the direction of traffic.
 - H. Be prohibited from backing a motor vehicle into an intersection.
 - I. Be required to properly display a current valid parking permit on the vehicle while parked on campus.

Article II. Registration of Vehicles

- Section 1. All employees, faculty and students must register any motor vehicle which they possess or maintain and properly display a valid parking permit decal if the motor vehicle is parked on this campus.

If a parking permit decal is issued for a second vehicle only one of these vehicles may be regularly parked on the campus.

- Section 2. The motor vehicle registration form must be filed when the student registers for school or he may register his vehicle at the University Police Office. Parking fees must be paid and valid permit displayed on vehicle by the First of September.

A student may register a vehicle only if it is owned by the student, his spouse, or his parents.

- Section 3. Falsification of information on the motor vehicle registration form will result in cancellation of parking privileges.
- Section 4. Faculty and employees may register their motor vehicles at the University Police Office.
- In the case of faculty and staff, only vehicles which are owned by the faculty or staff member, or his spouse, may be registered.
- Section 5. Registration of a motor vehicle does not entitle a person to park that vehicle on the campus. The person who registers his motor vehicle and wishes to park on campus must first pay for a parking permit decal and properly display the same on the motor vehicle.
- Section 6. Any change affecting the registration or ownership of a vehicle shall be reported promptly to the University Police Office so the changes may be recorded.
- Section 7. If a parking permit decal is desired for a replacement motor vehicle it will be necessary to destroy the old decal and give written notice that such has been done and after the replacement vehicle has been properly registered a new parking permit decal will be issued after the payment of a \$1.00 fee.

Article III. Parking Permits

- Section 1. Only after a motor vehicle has been properly registered and the parking fee paid may a parking permit decal be issued. Parking permits are effective from September 1 to August 31.
- Parking decals will not be sold to any person who owes administrative service fees for campus tickets or who owes reinstatement fees, or to one who has been barred from operating or parking a motor vehicle on campus.
- Section 2. The parking fees are paid through the Accounting Office. ~~[Students may pay parking fees when they register for school but no later than 5 days from the date they register for school.]~~ Parking fees must be paid by the First of September. New faculty and employees may pay their parking fee when they register their vehicle but not later than five days after the first pay period.
- Section 3. Parking permit decals must be permanently affixed to the inside lower right hand corner of the front windshield (passenger's side) so that the decal is easily visible and the number on the decal easily read.
- The decal may not be affixed by tape or other unauthorized material.
- All expired or invalid University of Texas Health Science Center permits must be removed before the new one is affixed. Failure to remove old permits constitutes a violation.

- Section 4. On motorcycles, motorbikes and motorscooters without windshields the parking permit decal shall be permanently affixed to the vehicle's gas tank or a location in which the decal may be easily seen and the number on the decal easily read or the parking decal may be attached to the license plate in an approved container manufactured for that purpose.
- Section 5. Parking permit decals are not transferable.
- Section 6. The person in whose name the parking permit decal is issued is responsible for all the traffic violations of that motor vehicle for which the permit was issued. If the operator of a motor vehicle involved in a violation is not the person in whose name that parking permit decal was issued, then both the operator and the person in whose name the permit was issued are responsible for the violation.
- Section 7. If a vehicle is found parked in violation of any State Law, City Ordinance or in violation of these regulations or is parked in such a manner as to create a traffic hazard, such vehicle may be impounded, relocated or immobilized at the expense of the violator. The University shall not, nor shall any of its authorized personnel, be liable or assume any responsibility for any loss or damage suffered because of such impoundment, immobilization or relocation.
- Section 8. Parking Permit Fees:
- A. C lot - \$3.00 a year .
 - B. Non-reserved A-B-D-E lot - \$12.00 a year.
 - C. Reserved area - A-B-C-D-E [~~or G~~] lot (optional) - \$24.00 a year .
 - D. Numbered reserved spaces - the president, vice-president, academic deans, departmental chairmen (optional) - \$36.00 a year.
 - E. The parking permit fee for a two wheel motorcycle, motorscooter, or motorbike shall be one half the regular fee and entitles the permit holder to park that vehicle only in the area designated for such vehicles. Motorcycles, motorscooters, and bicycles may park in the two wheel vehicle parking area on any lot. Reserved spaces are not available in the area(s) designated for motorcycles, motorscooters and motorbikes.
 - F. A parking permit decal may be issued for a second vehicle after it has been properly registered and an additional fee of \$1.00 is paid to the Accounting Office. If a parking permit decal is issued for a second motor vehicle only one of these vehicles is permitted to park regularly on the campus.

G. The fee for a parking permit in the handicapped area shall be \$24.00 a year for faculty and \$12.00 a year for students or staff.

H. Special students, part-time students and students from other institutions shall be assigned to "C" lot and pay the "C" lot parking fee.

Section 9.

All parking assignments will be in effect from 6:00 a.m. until 5:00 p.m. on weekdays. In addition, reserved areas will be maintained on Saturday mornings until 12:00 noon. A policy of unassigned parking for any properly registered vehicle will be in effect at all other times including official holidays of The University of Texas Health Science Center at San Antonio.

Article IV. Enforcement

Section 1.

Two types of traffic tickets may be issued for violation of these regulations:

A. Campus tickets:

- (1) Campus tickets may be issued by the University Police Officers.
- (2) When a campus traffic ticket is issued, the person in whose name the motor vehicle has been registered on campus and in whose name the parking permit decal was issued must pay an administrative service fee. The fee shall be \$1.00 for the first violation, \$5.00 for the second violation, and \$10.00 for the third violation. These fees shall be paid at the Accounting Office.

The enforcement fees assessed for violation of these regulations constitute an indebtedness to The University of Texas Health Science Center at San Antonio. In the event that a person fails to pay such fees, The University of Texas Health Science Center at San Antonio will take any or all of the following actions:

- (a) Suspend the privilege of driving or parking on the campus for up to one year from the date of suspension;
- (b) Withhold any remuneration, refund or monetary payment to which the person may be entitled;
- (c) Deny readmission to The University of Texas Health Science Center at San Antonio;
- (d) Withhold the individual's grades and/or transcript;
- (e) Withhold any degree to which the person may be entitled.

(3) Appeals:

- (a) Appeal of a campus type traffic ticket may be made within five days to the Traffic Committee. The action of the Committee shall be final.
- (b) Any person who has received a campus traffic ticket may appeal by filing a written statement, setting forth the grounds on which he believes that the campus ticket should be dismissed. If the person receiving the ticket desires to appear in person before members of the Traffic Committee he shall request such personal appearance in the written statement. The written statement must be presented to the Chairman of the Traffic Committee within five days from the date of issue on the ticket.
- (c) If the Traffic Committee rules in favor of the appellant, he shall be entitled to reimbursement for any fee that he has paid to the University Accounting Office as a result of such alleged violation.

B. Court appearance tickets:

- (1) Court appearance tickets may be issued by commissioned University Police Officers and such tickets shall constitute a summons to appear in justice court or municipal court in the same manner as traffic tickets issued by the Texas Highway Patrol.
- (2) Penalties, as provided by law, may be imposed by the justice or municipal court for violations of the Traffic and Parking Regulations of The University of Texas Health Science Center at San Antonio.

Section 2.

Cancellation of Parking Privilege:

- A. The Traffic Committee may prohibit a person from operating or parking a motor vehicle on campus if that person has received four or more tickets in a fiscal year or who in their judgment has been guilty of some flagrant violation. Such suspension of the privilege of driving or parking on the campus may be imposed for a period not to exceed one year from the date of such suspension.
- B. If a person has been barred from operating or parking on the campus and he continues to do so, this may be grounds for dismissal.

Section 3. Reinstatement of Parking Privilege:

- A. At the discretion of the Traffic Committee a person whose privilege of parking a motor vehicle on campus has been suspended or cancelled may obtain restoration of his privilege if he pays a reinstatement fee of \$10.00. This will be in addition to any other fees due for traffic violations.

Section 4. Parking Areas:

- A. After registering a motor vehicle and when the parking permit fee has been paid a parking decal will be issued and the permit holder will be assigned a parking area or lot. This will be recorded on the motor vehicle registration form. This entitles that motor vehicle to be parked in that assigned area only.

B. Parking Lot "A"

The parking lot located just east of the school auditorium and north of the Library shall be known as lot "A".

C. Parking Lot "B"

The parking lot located just south of the Library and east of building Unit I shall be known as lot "B".

D. Parking Lot "C"

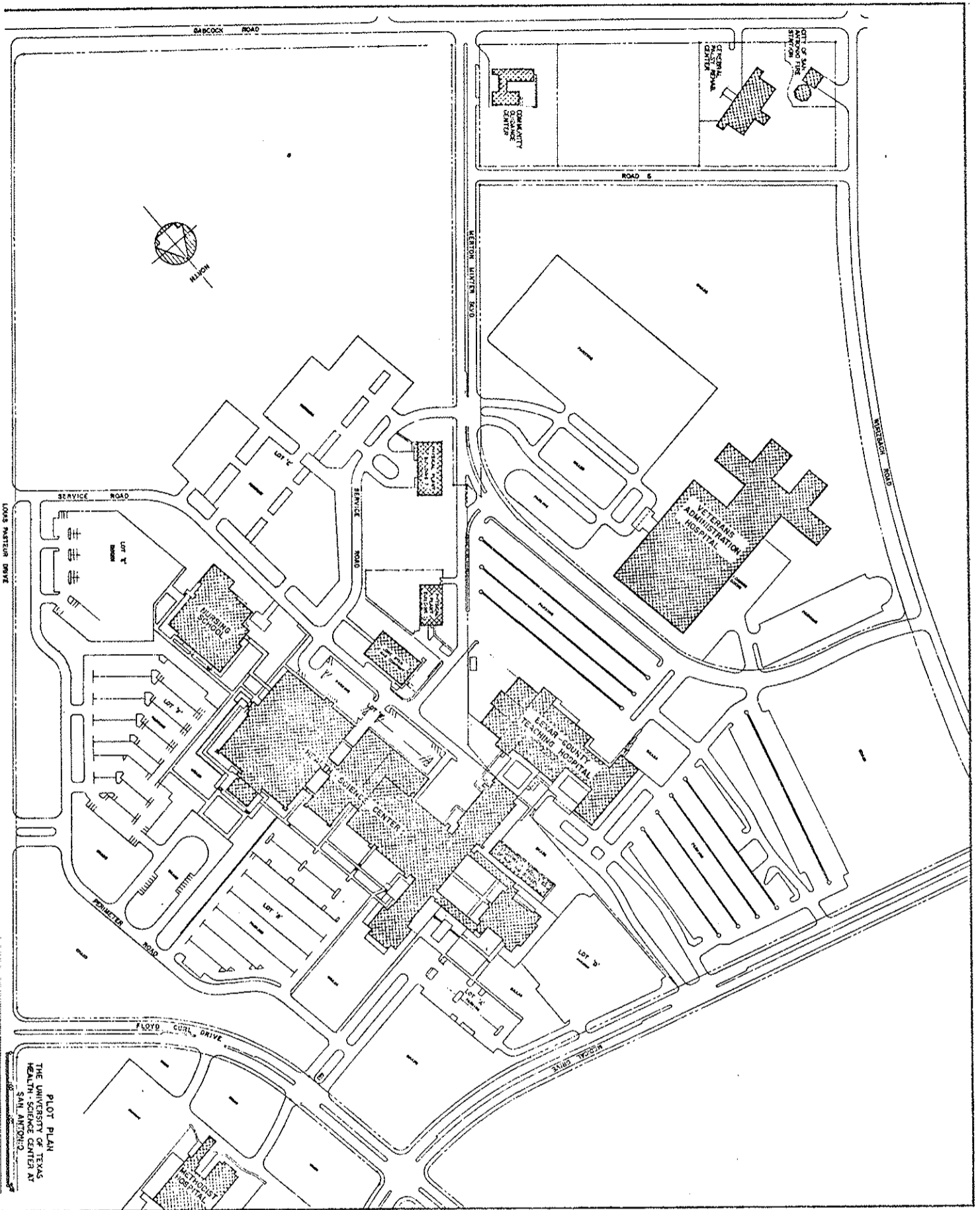
The parking lot located south and west of building Unit I shall be known as lot "C".

E. Parking Lot "D"

The parking lot in back of the Auditorium fronting on Medical Drive shall be known as lot "D".

F. Parking Lot "E"

The parking lot located south of the Nursing School building.





THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER

Texas Medical Center Houston, Texas 77025

March 25, 1974



Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the May 3, 1974 meeting of the Board of Regents
is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely yours,

R. Lee Clark, M.D.
R. Lee Clark, M.D.
President

RLC:sk

RLC —

THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER

DOCKET

Board of Regents Meeting May 3, 1974

MAY 3 1974

GIFTS: The following gifts have been received and are submitted for formal approval of the Board of Regents.

VCC

<u>Donor</u>	<u>Purpose and Explanation</u>	<u>Amount</u>
<u>M. D. Anderson</u>		
1. Southwest Foundation for Research and Education P. O. Box 28147 San Antonio, Texas 78284	Grant to Dr. Darrell N. Ward for research project "Contract Support for Studies of the Structure of FSH-like Hormone Molecules".	\$19,250.00*
✓ 2. Exxon USA Foundation c/o H. A. Reddicliffe Secretary 800 Bell Avenue Houston, Texas 77002	Expansion of M. D. Anderson Hospital. Second installment on pledge of \$100,000.	\$34,000.00
✓ 3. The Brown Foundation c/o Merritt Warner 2118 Welch Houston, Texas 77019	Expansion of M. D. Anderson Hospital. Third installment on pledge of \$1,500,000.	\$300,000.00
4. Mr. John C. Worthy President Worthy Brothers Pipeline Corp. 118 Middleboro Road Wilmington, Delaware 19804	Gift for Myeloma Research for Dr. Raymond Alexanian	\$10,000.00*
✓ 5. Mr. & Mrs. E. C. Sidwell Box 2475 Pampa, Texas 79065	Expansion of M. D. Anderson Hospital. Final installment. (300 Shares of Bur- lington Northern, Inc. Stock)	\$13,372.96
6. Burroughs Wellcome Company Research Triangle Park, N. C. 27709	C. Parvum Study	\$ 7,500.00*
✓ 7. H. E. Butt Grocer Company Mr. Charles C. Butt, President P. O. Box 9216 Corpus Christi, Texas 78408	Expansion of M. D. Anderson Hospital	\$15,000.00

MAY 3 1974

VCC-200

MAY 3 1974

VCC-200

MAY 3 1974

VCC-200

* No Letter of Transmittal Received

TRUSTEES

LESTER R. MOORE, CHAIRMAN
LEE HILL
JOHN B. TURNER, JR.
H. A. REDDCLIFFE, SECRETARY

February 22, 1974

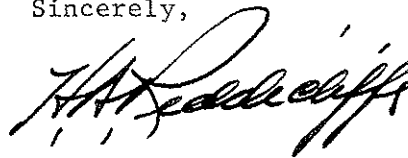
Dr. R. Lee Clark, President
The University of Texas System
Cancer Center
M. D. Anderson Hospital and Tumor Institute
Texas Medical Center
Houston, Texas 77025

Dear Dr. Clark:

I am pleased to enclose a check from Exxon USA Foundation payable to The University of Texas, M. D. Anderson Hospital and Tumor Institute at Houston Expansion Program for \$34,000. This check represents the second annual installment on the \$100,000 pledge made by our Foundation to the Institute's expansion program.

We trust the success of the campaign will go far towards making possible the expanded service your fine institution can render cancer patients, not only in the Houston area but also throughout Texas and the nation.

Sincerely,



HAR/ccb
Attachment

cc: Mr. M. A. Wright
Mr. O. L. Luper
Mr. E. K. Mills, II

THE BROWN FOUNDATION, INC.

2118 WELCH AVENUE
HOUSTON, TEXAS 77019

February 8, 1974

Dr. R. Lee Clark, President
The University of Texas at Houston
M. D. Anderson Hospital and Tumor Institute
Texas Medical Center
Houston, Texas 77025

Dear Dr. Clark:

We are pleased to enclose our check payable to The University of Texas at Houston, M. D. Anderson Hospital and Tumor Institute in the amount of \$300,000.00, being the third of five payments on Grant No. 206-7R6.

Sincerely,



Merritt Warner
Executive Administrator

MW/jf
Encl. (Check No. 6250)

Docket Item #5, Page #CC-2, 5/3/74

E. C. SIDWELL
BOX 2475
PAMPA, TEXAS
February 21, 1974

Mr. E. R. Gilley, Business Manager
M. D. Anderson Hospital and Tumor Institute
Texas Medical Center
Houston, Texas 77025

Dear Mr. Gilley:

Enclosed is Stock Certificate #CU327964 for 300 shares of Burlington Northern Inc. common stock and under separate cover we are forwarding Assignment for this stock. Today the price on this stock is \$42.875 per share giving the 300 shares a value of \$12,862.50. We feel that this stock together with what has been heretofore sent you covers our \$25,000.00 pledge.

It is our desire that this pledge is given in memory of my brother, Ralph C. Sidwell.

Yours sincerely



Mr. and Mrs. E. C. Sidwell

ECS/hbc
Encl.



Docket Item #7, Page #CC-2, 5/3/74

H. E. BUTT GROCERY COMPANY
P. O. BOX 9216
CORPUS CHRISTI, TEXAS 78408

CHARLES C. BUTT
PRESIDENT

March 13, 1974

Dr. R. Lee Clark
President
The University of Texas System
Cancer Center
Houston, Texas

Dear Dr. Clark:

In your talk to the Chancellor's Council group ten days ago, you mentioned that you still needed some additional funds to furnish your new facility.

I wanted our company to be a part of this and our check for \$15,000 is enclosed.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Charles C. Butt', written over a horizontal line.

Charles C. Butt

CCB:bd

Enclosure

cc: Dr. Charles A. LeMaistre
Mr. Ben Love
Mr. John H. Duncan

THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER

DOCKET

Board of Regents Meeting May 3, 1974

Handwritten initials

GIFTS: The following gifts have been received and are submitted for formal approval of the Board of Regents.

<u>Donor</u>	<u>Purpose and Explanation</u>	<u>Amount</u>
<u>M. D. Anderson</u>		
1. Southwest Foundation for Research and Education P. O. Box 28147 San Antonio, Texas 78284	Grant to Dr. Darrell N. Ward for research project "Contract Support for Studies of the Structure of FSH-like Hormone Molecules".	\$19,250.00*
2. Exxon USA Foundation c/o H. A. Reddicliffe Secretary 800 Bell Avenue Houston, Texas 77002	Expansion of M. D. Anderson Hospital. Second installment on pledge of \$100,000.	\$34,000.00
3. The Brown Foundation c/o Merritt Warner 2118 Welch Houston, Texas 77019	Expansion of M. D. Anderson Hospital. Third installment on pledge of \$1,500,000.	\$300,000.00 <i>Handwritten mark</i>
4. Mr. John C. Worthy President Worthy Brothers Pipeline Corp. 118 Middleboro Road Wilmington, Delaware 19804	Gift for Myeloma Research for Dr. Raymond Alexanian	\$10,000.00*
5. Mr. & Mrs. E. C. Sidwell Box 2475 Pampa, Texas 79065	Expansion of M. D. Anderson Hospital. Final installment. (300 Shares of Bur- lington Northern, Inc. Stock)	\$13,372.96 <i>Handwritten mark</i>
6. Burroughs Wellcome Company Research Triangle Park, N. C. 27709	C. Parvum Study	\$ 7,500.00*
7. H. E. Butt Grocer Company Mr. Charles C. Butt, President P. O. Box 9216 Corpus Christi, Texas 78408	Expansion of M. D. Anderson Hospital	\$15,000.00 <i>Handwritten mark</i>

* No Letter of Transmittal Received

QUARTERLY REPORT OF GIFTS OF LESS THAN \$5,000.00M. D. Anderson

The quarterly report of gifts of less than \$5,000.00 for the period ending February 28, 1974 has been filed with the Office of the Board of Regents where it is available for reference.

AMENDMENTS TO CLASSIFIED PERSONNEL PAY PLANM. D. Anderson

The following new classifications to the 1973-74 Classified Personnel Pay Plan have been approved by the System Personnel Director and the Deputy Chancellor for Administration and are submitted for formal approval of the Board of Regents.

<u>CLASS CODE</u>	<u>JOB TITLE</u>	<u>SALARY RANGE</u>
1412	Pharmacist III	\$1281-1732/Month
5452	Transportation Crew Foreman	\$ 520- 703/Month
6363	Fire and Safety Inspector	\$ 658- 888/Month

GRANTS, CONTRACTS AND AGREEMENTS (NON-GOVERNMENTAL): The following grants were awarded and are submitted for formal approval of the Board of Regents.

M. D. Anderson

1. The Kelsey and Leary Foundation Grant No. 947 provides new funds in the amount of \$16,545 for the period March 1, 1974 through February 28, 1975, the total project period. This grant provides support to determine the B and T cell lineage of the normal and neoplastic lymphocytes in patients with different types of lymphoid neoplasias. The majority of the expenditures from this award will be made in Harris County. This grant is under the direction of Dr. Jose M. Trujillo.
2. The Kelsey and Leary Foundation Grant No. 939 provides new funds in the amount of \$8,800 for the period March 1, 1974 through February 28, 1975, the total project period. This grant provides support for the immunologic studies in thyroid cancer by maintaining data on patients seen at the Anderson Hospital. The majority of the expenditures from this award will be made in Harris County. This grant is under the direction of Dr. C. Stratton Hill.
3. The Kelsey and Leary Foundation Grant No. 940 provides new funds in the amount of \$6,933 for the period February 5, 1974 through February 4, 1975, the total project period. This grant provides support for the project 1311-19 Iodocholesterol, its use in adrenal scanning. The majority of the expenditures from this award will be made in Harris County. This grant is under the direction of Dr. Thomas P. Haynie.
4. American Cancer Society grant provides new funds in the amount of \$1,300. This grant provides for the support of the training of an enterostomal therapist. The majority of the expenditures from this award will be made in Harris County. This grant is under the direction of Dr. Robert C. Hickey.

GRANTS CONTRACTS, AND AGREEMENTS (STATE): The following interagency contracts have been negotiated by the Business Manager and have been signed by the Director upon recommendation of the Business Manager, and approved by the Comptroller, the Deputy Chancellor for Administration and the State Board of Control. I recommend your approval and ratification of signatures.

D x F

M. D. Anderson

1. Interagency Contract No. IAC (74-75)-0741, between the Office of Information Services, Executive Department, Performing Agency, and The University of Texas System Cancer Center, Receiving Agency, for in-state long distance voice telephone services provided on the Texas Agency Network (TEX-AN) and digital network services as requested by the Receiving Agency, at a cost not to exceed \$76,740.00 for the period February 8, 1974 through August 31, 1975.

2. Interagency Contract No. IAC (74-75)-0735, between The University of Texas System Cancer Center, Performing Agency, and the Office of Information Services, Executive Department, Receiving Agency, for switchboard operator service not to exceed one personnel position at The University of Texas System Cancer Center switchboard, Houston, Texas, in support of the TEX-AN system between the hours of 7:00 A.M. and 6:00 P.M. on all state working days, at a cost not to exceed \$9,879.00 for the period February 15, 1974 through August 31, 1975.

D x F

BUSINESS CONTRACTS: The following contracts have been negotiated by the Business Manager and have been approved by the System Comptroller, the Deputy Chancellor for Administration, the State Board of Control and the System Law Office, where applicable. I recommend your approval and ratification of signatures.

M. D. Anderson

1. Amend State Board of Control Lease Agreement US-6003-L with The Prudential Insurance Company of America to add 1,114 square feet of space for a revised total of 43,302.5 square feet at the rate of \$.5112 cents per square foot per month effective February 16, 1974 through August 31, 1976.

2. Lease Agreement between the Board of Regents of The University of Texas System, Lessor, and the University Faculty Club, Inc., Lessee, for lease of 3,200 square feet of space in the Anderson Mayfair Building located at 1600 Holcombe Boulevard at the rate of \$1,500.00 per month effective January 1, 1974. This cancels the lease agreement between these parties that was approved by the Board of Regents at meeting No. 686 on January 29, 1971.

3. State Board of Control Lease Agreement UH-6279-L-Houston with Elgee Associates to provide for approximately 10,000 square feet of space to be used by The University of Texas System Cancer Center, M. D. Anderson Hospital and Tumor Institute Division. Rental payment for this space is at the rate of \$.18 cents per square foot per month effective for the period March 1, 1974 through August 31, 1977. This additional space is to be used to house the print shop operation and will include space to set up an upholstery shop to meet our needs in this area.

THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER

GRANTS, CONTRACTS AND AGREEMENTS (FEDERAL)

Board of Regents Meeting May 3, 1974

The following Contracts, Grants and Amendments have been awarded and are submitted for formal approval of the Board of Regents.

M. D. Anderson

1. Department of Health, Education and Welfare, Public Health Service, National Cancer Institute Contract No. N01-CM-12094, Modification No. 3 provides new funds in the amount of \$253,814 for a total contract amount of \$1,173,548 for the period December 16, 1973 through June 15, 1974. The total project period for this contract is June 16, 1971 through June 15, 1974. This contract provides for the continuation of research studies relating to the evaluation of protective environment adjuvant to acute leukemia. The majority of the expenditures from this award will be made in Harris County. This contract is under the direction of Dr. Gerald P. Bodey.
2. Department of Health, Education and Welfare, Public Health Service, National Cancer Institute Grant No. 1 R01 CA15250-01 COM provides new funds in the amount of \$110,005 plus appropriate indirect costs for the period March 1, 1974 through February 28, 1975. The total project period for this grant is March 1, 1974 through February 28, 1977. This grant provides support to develop a methodology of decision making for patients with acute leukemia. The majority of the expenditures from this award will be made in Harris County. This grant is under the direction of Dr. Edmund A. Gehan.
3. Department of Health, Education and Welfare, Public Health Service, National Cancer Institute Grant No. 2 R01 CA04484-16 RAD provides new funds in the amount of \$80,468 plus appropriate indirect costs for the period April 1, 1974 through March 31, 1975. The total project period for this grant is April 1, 1974 through March 31, 1977. This grant provides support for research to determine at the molecular level the details of the mechanism by which mammalian cells bypass ultraviolet light induced damage in their DNA during DNA replication. The majority of the expenditures from this award will be made in Harris County. This grant is under the direction of Dr. Ronald M. Humphrey.
4. Department of Health, Education and Welfare, Public Health Service, National Cancer Institute Contract No. N01-CP-33304, Modification No. 3 provides new funds in the amount of \$369,570 for a revised contract amount of \$786,150 for the period February 1, 1974 through October 31, 1974. The total project period for this contract is May 1, 1973 through October 31, 1974. This contract provides funds for studies on the relationship of viruses to human neoplasias and to determine the role of viruses in the etiology of human cancer. The majority of the expenditures from this award will be made in Harris County. This contract is under the direction of Dr. Leon Dmochowski.
5. Department of Health, Education and Welfare, Public Health Service, National Cancer Institute Contract No. N01-CM-61156, Modification No. 11 provides new funds in the amount of \$45,393 for a revised contract amount of \$1,825,279 for the period February 6, 1974 through June 30, 1974. The total project period for this contract is June 21, 1966 through June 20, 1974. This contract provides for continuation of pharmacologic studies of antitumor agents. The majority of the expenditures from this award will be made in Harris County. This contract is under the direction of Dr. Ti Li Loo.
6. Department of Health, Education and Welfare, Public Health Service, General Research Support Branch, Division of Research Resources, National Institutes of Health Grant No. 3 S01 RR05511-11S1 provides new funds in the amount of \$197,306 for the period January 1, 1973 through December 31, 1973, the total project period. This grant provides support for general research. The majority of the expenditures from this award will be made in Harris County. This grant is under the direction of Dr. R. Lee Clark.

7. Department of Health, Education and Welfare, Public Health Service, General Research Support Branch, Division of Research Resources, National Institutes of Health Grant No. 5 S01 RR05511-12 provides new funds in the amount of \$244,834 for the period January 1, 1974 through December 31, 1974, the total project period. This grant provides support for general research. The majority of the expenditures from this award will be made in Harris County. This grant is under the direction of Dr. R. Lee Clark.
8. Department of Health, Education and Welfare, Public Health Service, National Cancer Institute Grant No. 2 P02 CA06294-13 CAP provides new funds in the amount of \$743,343 plus appropriate indirect costs for the period March 1, 1974 through February 28, 1975. The total project period for this grant is March 1, 1974 through February 28, 1979. This grant provides support for radiotherapy research and to formalize all treatment plans, treatment set-ups and calibrations used at the M. D. Anderson Hospital and combining these into set protocols. The majority of the expenditures from this award will be made in Harris County. This grant is under the direction of Dr. Gilbert H. Fletcher.
9. Department of Health, Education and Welfare, Public Health Service, National Cancer Institute Grant No. 1 R01 CA14986-01 ET provides new funds in the amount of \$43,020 plus appropriate indirect costs for the period March 1, 1974 through February 28, 1975. The total project period for this grant is March 1, 1974 through February 28, 1977. This grant provides support for inhibitors produced by normal and malignant human and murine lymphoid cell lines to be studied for mechanism of production, mechanism of action, species and tissue specificity, and relative reactivity against normal and malignant human and murine lymphoid tissues in vitro. The majority of the expenditures from this award will be made in Harris County. This grant is under the direction of Dr. Evan M. Hersh.
10. Department of Health, Education and Welfare, Public Health Service, National Cancer Institute Grant No. 5 R01 CA05654-14 RAD provides new funds in the amount of \$30,600 plus appropriate indirect costs for the period May 1, 1974 through April 30, 1975. The total project period for this grant is May 1, 1970 through April 30, 1975. This grant provides funds for a research project to study what can be achieved for cancer patients treated with megavoltage therapy alone or in combined programs with surgery or chemotherapy. The majority of the expenditures from this award will be made in Harris County. This grant is under the direction of Dr. Gilbert H. Fletcher.
11. Department of Health, Education and Welfare, Public Health Service, National Cancer Institute Contract No. N01-CM-33737, Modification No. 2 extends the project period to April 2, 1973 through July 31, 1974. This contract provides support to conduct studies of intensive multidisciplinary therapy of patients with bronchogenic carcinoma and to determine the efficacy of each of a number of therapeutic approaches. The majority of the expenditures from this contract will be made in Harris County. This contract is under the direction of Dr. Clifton F. Mountain.
12. National Aeronautics and Space Administration-Lyndon B. Johnson Space Center Contract No. NAS 9-13042, Modification No. 2S extends the project period to July 1, 1972 through May 31, 1974. This contract provides support for the evaluation of all the methods used by the endocrine laboratory in completion of lab exam, make change recommendations, and document all the procedural and logistic plans. The majority of the expenditures from this contract will be made in Harris County. This contract is under the direction of Dr. Dennis A. Johnston.
13. Department of Health, Education and Welfare, National Institutes of Health, National Cancer Institute Contract No. N01-CN-45051, and Modification No. 1 thereto, provides new funds in the amount of \$327,079 for the period May 1, 1974 through April 30, 1976, the total project period. The amount of \$159,949 has been awarded for the first twelve months, May 1, 1974 through April 30, 1975. This contract provides support for cancer training programs for physical and occupational therapists. The majority of the expenditures from this award will be made in Harris County. This contract is under the direction of Dr. John E. Healey.

THE UNIVERSITY OF TEXAS SYSTEM CANCER CENTER

RECOMMENDED AMENDMENTS TO THE 1973-74 OPERATING BUDGET
Board of Regents Meeting May 3, 1974M. D. AndersonGeneral Administration (Office of the President)

1. Change in Source of Funds. Murray M. Copeland, M. D., Vice President, University Cancer Foundation, Surgeon (General Surgery) and Professor of Surgery (Without Tenure), Office of the President from the full time rate of \$27,000.00 per annum payable from Office of the President (General Funds) to the seven percent time rate of \$2,000.00 per annum payable from Office of the President (General Funds) and the ninety-three percent time rate of \$25,000.00 per annum payable from Grant NIH-5-R26-CA-14140 (total salary \$27,000.00) effective October 1, 1973. The source of funds for this action is the budgeted position and available grant funds. (RBC 128)

General Administration (Business Office, Internal Audit)

2. Appointment. Sarah M. Moore, Internal Auditor, Business Office, Internal Audit (General Funds) payable at the full time rate of \$14,500.00 per annum effective January 7, 1974. The source of funds for this appointment is the Reserve for Professional Salaries Account. (RBC 118)

Medical Staff (Radiotherapy)

3. Change in Source of Funds. Jesus Caderao, M. D., Assistant Radiotherapist and Instructor in Radiotherapy (Without Tenure), Radiotherapy from the full time rate of \$30,000.00 per annum payable from Grant NIH-2-P02-CA-10006 to the full time rate of \$30,000.00 per annum payable from Grant NIH-5-P02-CA-06294 effective March 1, 1974. The source of funds for this action is available grant funds. (RBC 132)

Research (Office of Research)

4. Appointment. Tessie F. Fruge, Secretary II, Office of Research (General Funds) payable at the full time rate of \$6,672.00 per annum effective February 1, 1974. The source of funds for this action is the Reserve for Classified Salaries Account. (RBC 127)

Research (Biochemistry)

5. Extend Leave Without Pay. A. Clark Griffin, Ph.D., Biochemist and Professor of Biochemistry (Without Tenure), payable at the fifty-two percent time rate of \$17,450.00 per annum from Biochemistry (General Funds) and the forty-eight percent time rate of \$16,250.00 per annum from American Cancer Society Grant PRP-14 (total salary \$33,700.00) effective for the periods November 16, 1973 through November 27, 1973, December 10, 1973 through December 11, 1973 and December 17, 1973 through December 18, 1973. The source of funds for this action is the budgeted position and available grant funds. (RBC 117)

6. Appointment. Jen-Fu Chiu, Ph.D., Assistant Biochemist (Without Tenure), Biochemistry payable at the full time rate of \$14,000.00 per annum from Grant NIH-2-R01-CA-07746 effective January 1, 1974. The source of funds for this action is available grant funds. (RBC 133)

7. Appointment. Robert D. Platz, Ph.D., Research Associate (Without Tenure), Biochemistry payable at the full time rate of \$12,000.00 per annum from Grant NIH-2-R01-CA-07746 effective February 1, 1974. The source of funds for this action is available grant funds. (RBC 135)

8. Change in Salary. Earl F. Walborg, Jr., Ph.D., Biochemist and Professor of Biochemistry (Without Tenure), Biochemistry from the full time rate of \$27,000.00 per annum payable from Biochemistry (General Funds) to the rate of \$11,600.00 per annum from available Unallocated Gift Funds effective February 25, 1974. Dr. Walborg is to go on a special faculty assignment to the Netherlands for approximately six months. The rate of \$11,600.00 represents the difference between his annual rate and the total of \$7,700.00 for the American Cancer Society Roosevelt International Cancer Fellowship Award. (RBC 134)

Research (Environmental Biology)

9. Extension of Appointment. Joseph R. Shaeffer, Ph.D., Associate Biologist and Associate Professor of Biology (Without Tenure), Environmental Biology (General Funds) payable at the full time rate of \$20,000.00 per annum effective for the period January 1, 1974 through January 31, 1974. The source of funds for this action is the Reserve for Professional Salaries. (RBC 115)

10. Reappointment. Joseph R. Shaeffer, Ph.D., Associate Biologist and Associate Professor of Biology (Without Tenure), Environmental Biology (General Funds) payable at the full time rate of \$20,000.00 per annum effective for the period February 1, 1974 through August 31, 1974. The source of funds for this reappointment is the Reserve for Professional Salaries Account. (RBC 136)

Research (Medical Genetics)

11. Cancellation of Return to Duty from Extended Leave Without Pay. Louise C. Strong, M. D., Research Associate (Without Tenure), payable at the fifty percent time rate of \$7,500.00 per annum effective January 14, 1974. Dr. Strong is only employed at fifty percent time and she will be paid from The University of Texas Health Science Center. (Rev. RBC 129)

Research (Developmental Therapeutics)

12. Change in Source of Funds. Jacqueline S. Hart, M. D., Assistant Internist and Assistant Professor of Medicine (Without Tenure), Developmental Therapeutics from the forty-one percent time rate of \$8,900.00 per annum payable from Developmental Therapeutics (General Funds), the fifty percent time rate of \$11,000.00 per annum payable from Grant NIH-5-P02-CA-05831, and the nine percent time rate of \$2,000.00 per annum payable from Grant NIH-2-R10-CA-10376 to the forty-one percent time rate of \$8,900.00 per annum payable from Developmental Therapeutics (General Funds), the fifty percent time rate of \$11,000.00 per annum payable from Grant NIH-5-R10-CA-08859, and the nine percent time rate of \$2,000.00 per annum (total salary \$21,900.00) payable from Grant NIH-2-R10-CA-10376 effective December 1, 1973. The source of funds for this action is the budgeted position and available grant funds. (Rev. RBC 102)

13. Increase in Salary. Giora M. Mavligit, M. D., Assistant Internist and Assistant Professor of Medicine (Without Tenure), Developmental Therapeutics from the fifty percent time rate of \$12,500.00 per annum payable from Grant NIH-5-P01-CA-11520 and the fifty percent time rate of \$12,500.00 per annum (total salary \$25,000.00) payable from Contract NIH-N01-CB-33888 to the fifty percent time rate of \$13,000.00 per annum payable from Grant NIH-5-P01-CA-11520 and the fifty percent time rate of \$13,000.00 per annum (total salary \$26,000.00) payable from Contract N01-CB-33888 effective December 1, 1973. Dr. Mavligit has assumed additional duties on a research project "Adjuvant Immunotherapy to Surgery in Colorectal Cancer." The source of funds for this action is available grant and contract funds. (RBC 119)

14. Change in Source of Funds. Kenneth B. McCredie, M. D., Associate Internist and Associate Professor of Medicine (Without Tenure), Developmental Therapeutics from the twenty-nine percent time rate of \$7,000.00 per annum payable from Contract PHS-PH-43-NAID-68-949, the thirteen percent time rate of \$3,000.00 per annum payable from Grant NIH-2-R10-CA-10042 and the fifty-eight percent time rate of \$14,000.00 per annum payable from Grant NIH-2-R10-CA-10376 (total salary \$24,000.00) to the twenty-nine percent time rate of \$7,000 per annum payable from Grant 5-R1 -CA-08859, the thirteen percent time rate of \$3,000 per annum payable from Grant NIH-2-R10-CA-10042 and the fifty-eight percent time rate of \$14,000 per annum (total salary-\$24,000) payable from Grant NIH-2-R10-CA-10376, effective January 13, 1974. The source of funds for this action is available grant funds. (RBC# 124)

15. Reappointment. Jeane P. Hester, M. D., Assistant Internist and Assistant Professor of Medicine (Without Tenure), Developmental Therapeutics payable at the full time rate of \$23,000.00 per annum from Grant NIH-5-R10-CA-08859 effective January 1, 1974. The source of funds for this action is available grant funds. (RBC 125)

16. Reappointment. Robert B. Livingston, M. D., Assistant Internist and Assistant Professor of Medicine (Without Tenure), Developmental Therapeutics payable at the full time rate of \$23,000.00 per annum from Grant NIH-5-R10-CA-08859 effective January 1, 1974. The source of funds for this action is available grant funds. (RBC 126)

17. Change in Source of Funds. Cynthia Pfaffenberger, Ph.D., Developmental Therapeutics, payable at the full time rate of \$10,000.00 per annum from Damon Runyon Grant 1061 to the full time rate of \$10,000.00 per annum payable from American Cancer Society Grant NP-125 effective January 1, 1974. The source of funds for this action is available grant funds. (RBC 131)

18. Change in Source of Funds. Giora M. Mavligit, M. D., Assistant Internist and Assistant Professor of Medicine (Without Tenure), Developmental Therapeutics from the fifty percent time rate of \$13,000.00 per annum payable from Grant NIH-5-P01-CA-11520 and the fifty percent time rate of \$13,000.00 per annum payable from Contract NIH-N01-CB-33888 to the fifty percent time rate of \$13,000.00 per annum payable from Grant NIH-1-R26-CA-15458 and the fifty percent time rate of \$13,000.00 per annum (total salary \$26,000.00) payable from Contract NIH-N01-CB-33888 effective January 1, 1974. The source of funds for this action is available grant and contract funds. (RBC 137)

Research (Epidemiology)

19. Appointment. Glenn E. Goff, Computer Programmer I, Epidemiology (General Funds) payable at the full time rate of \$9,336.00 per annum effective January 1, 1974. The source of funds for this action is the Reserve for Classified Salaries Account. (RBC 123)

Research (Computer Science Laboratory, Institute of Biomathematics)

20. Appointment. Birger Jansson, Ph.D., Biomathematician and Professor of Biomathematics (Without Tenure), payable at the thirty-six percent time rate of \$10,000.00 per annum from Computer Science Laboratory, Institute of Biomathematics (General Funds) and the sixty-four percent time rate of \$18,000.00 per annum payable from Grant NIH-1-R26-CA-14140 (total salary \$28,000.00) effective December 1, 1973. Dr. Jansson was listed in our 1973-74 budget but did not report to duty until December 1, 1973. The source of funds for this appointment is the budgeted position for Biomathematician and Professor of Biomathematics and available grant funds. (RBC 116)

21. Extension of Appointment. Charles F. Walter, Ph.D., Associate Biomathematician and Associate Professor of Biomathematics and Biochemistry (Without Tenure), Biomathematics (General Funds) payable at the full time rate of \$25,500.00 per annum for the period January 1, 1974 through August 31, 1974. The source of funds for this action is the Reserve for Professional Salaries Account. (RBC 120)

22. Appointment. Thomas E. Moon, Ph.D., Assistant Biometrician (Without Tenure), Computer Science Laboratory, Institute of Biomathematics payable at the full time rate of \$19,500.00 per annum from Grant NIH-2-R10-CA-12014 effective February 11, 1974. The source of funds for this appointment is available grant funds. (RBC 130)

Annex and Rehabilitation Center

23. Resignation. Benjamin J. Richardson, Administrative Coordinator, Annex and Rehabilitation Center payable at the full time rate of \$15,000.00 per annum effective at the close of business February 1, 1974. Mr. Richardson has been paid from Annex and Rehabilitation Center (General Funds). (RBC 122)

Science Park

24. Transfer of Funds. Transfer funds in the amount of \$5,000.00 from the Reserve for Maintenance and Operation Appropriation to the Science Park Travel Fund to cover estimated costs of travel and per diem for personnel traveling to and from Bastrop, Texas. (RBC 121)

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THE UNIVERSITY OF TEXAS CANCER CENTER
 SCHEDULE OF ADDITIONAL (OR CHANGES IN)
 FUNDING OF CONSTRUCTION PROJECTS

Project No.	Project Title	From	Source of Funds To (New or Additional Appropriation)	Amount
03-254	Research Facilities - Environmental Science Park	Other Sources	PUF	\$100,000.00
03-243	Planning Consultants	PUF	Other Sources	100,000.00

Legend

UF - Permanent University Fund Bond Proceeds



THE UNIVERSITY OF TEXAS
SYSTEM SCHOOL OF NURSING

SYSTEM OFFICES
214 ARCHWAY
AUSTIN, TEXAS 78712

AUSTIN
EL PASO
FORT WORTH

GALVESTON
HOUSTON
SAN ANTONIO

March 28, 1974

Chancellor Charles A. LeMaistre
The University of Texas System
601 Colorado Street
Austin, Texas 78701

Dear Chancellor LeMaistre:

The docket for the May 3, 1974 meeting of the Board of Regents is submitted for your recommendation and presentation to the Board.

I recommend approval.

Sincerely,

A handwritten signature in cursive script that reads "Marilyn D. Willman".

Marilyn D. Willman
President

RP

THE UNIVERSITY OF TEXAS SYSTEM SCHOOL OF NURSING

Austin - El Paso - Fort Worth - Galveston - Houston - San Antonio

GRANTS, CONTRACTS AND AGREEMENTS (Non-Governmental)

May 3, 1974

Houston Nursing School

1. Lease U-5037L-Houston which provides for 9,527 sq. ft. of classroom, office and laboratory space to be used by the Houston Nursing School. The lessor is Hermann Garage, Inc., and is for the period January 1, 1974 through June 30, 1974 at the rate of \$4,572.96 per month.

GRANTS, CONTRACTS AND AGREEMENTS (State)

System Nursing School

1. IAC (74-75)-0747 between The University of Texas System School of Nursing and Office of Information Services Executive Department, for the period February 20, 1974 through August 31, 1975, whereby the Office of Information Services will furnish in-state long distance voice telephone services provided on the Texas Agency Network (TEX-AN) to the Fort Worth Nursing School and the El Paso Nursing School. The amount of this contract will not exceed \$5,420.00.

2. Amendment No. 1 to IAC (74-75)-0747 between The University of Texas System School of Nursing and Office of Information Services Executive Department, for the period March 1, 1974 through August 31, 1975, whereby the Office of Information Services amended the Interagency Contract to furnish in-state long distance voice telephone services provided on the Texas Agency Network (TEX-AN) to include the Houston Nursing School. This changes the total amount of the contract to \$7,220.00.

THE UNIVERSITY OF TEXAS SYSTEM SCHOOL OF NURSING

Austin - El Paso - Fort Worth - Galveston - Houston - San Antonio

GRANTS, CONTRACTS AND AGREEMENTS (Federal)

May 3, 1974

1. NIH Transaction Number 740 Y 2756 dated January 25, 1974 by which the Department of Health Education and Welfare decreased the Basic Educational Opportunity Grant from \$7,500 to \$3,500 (Travis County) for the period July 1, 1973 through June 30, 1974.

THE UNIVERSITY OF TEXAS SYSTEM SCHOOL OF NURSING

Austin - El Paso - Fort Worth - Galveston - Houston - San Antonio

RECOMMENDED AMENDMENTS TO THE 1973-74 BUDGET

May 3, 1974

System Nursing School

1. Transfer of Funds:

From:	Austin Teaching Salaries	\$14,659
	El Paso Teaching Salaries	10,125
	Fort Worth Teaching Salaries	6,374
	Galveston Teaching Salaries	14,926
	Houston Teaching Salaries	13,445
	San Antonio Summer Session Salaries	2,653
		<u>\$62,182</u>
To:	Austin Summer Session Salaries	\$14,659
	El Paso Summer Session Salaries	10,125
	Fort Worth Summer Session Salaries	6,374
	Galveston Summer Session Salaries	14,926
	Houston Summer Session Salaries	13,445
	San Antonio Teaching Salaries	2,653
		<u>\$62,182</u>

For: To provide funds for summer session teaching salaries. (RBC # N-229)

Austin Nursing School

2. Appointment of Bruce A. Rouse, Instructor (non-tenure) one-half time, at a 9 months rate of \$12,000 for the period January 16, 1974 through May 31, 1974. Source of Funds: Teaching Salaries (RBC # N-212)

El Paso Nursing School

3. Appointment of Clara P. Rice, Assistant Instructor (non-tenure), at a 9 months rate of \$9,000 for the period February 15, 1974 through May 31, 1974. Source of Funds: Teaching Salaries (RBC # N-200)

Houston Nursing School

4. Appointment of Viola T. Chandler, Assistant Professor (non-tenure), at a 9 months rate of \$12,000 for the period February 15, 1974 through May 31, 1974. Source of Funds: Teaching Salaries (RBC # N-213)

1974 Summer Session Teaching Budget

5. The following 1974 Summer Session Teaching Budget is allocated from funds appropriated in the operating budget previously approved by the Board of Regents for this purpose and from funds transferred from the amount appropriated for teaching salaries. Salary calculations are pro rata based on the nine-month academic rate. No merit salary rate increases are permitted in the Summer Session Budget.

THE UNIVERSITY OF TEXAS
SYSTEM SCHOOL OF NURSING

1974 SUMMER SESSION
TEACHING BUDGET

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SYSTEM SCHOOL OF NURSING

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THE UNIVERSITY OF TEXAS
SYSTEM SCHOOL OF NURSING

1974 SUMMER SESSION TEACHING BUDGET ALLOCATION

<u>SCHOOL</u>	<u>Summer Session Teaching Salary BUDGET</u>	<u>Transfer From (to) Teaching SALARIES</u>	<u>Summer Session Teaching Salary Adjusted BUDGET</u>
Austin Nursing School	\$ 2,392	\$14,659	\$17,051
El Paso Nursing School	4,707	10,125	14,832
Fort Worth Nursing School	218	6,374	6,592
Galveston Nursing School	641	14,926	15,567
Houston Nursing School	123	13,445	13,568
San Antonio Nursing School	<u>15,619</u>	<u>(2,653)</u>	<u>12,966</u>
Total	<u>\$23,700</u>	<u>\$56,876</u>	<u>\$80,576</u>

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(Noted: May 12, 2009)

LAND AND INVESTMENT REPORT

Meeting of May 3, 1974

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LAND AND INVESTMENT REPORT

For Month Ended February 28, 1974

I. PERMANENT UNIVERSITY FUND

PERMANENT UNIVERSITY FUND - INVESTMENT MATTERS.--

REPORT ON SECURITIES TRANSACTIONS.--The following securities transactions have been made for the Permanent University Fund in February, 1974. The Associate Deputy Chancellor for Investments, Trusts and Lands recommends approval by the Board of Regents of these transactions.

COMPARISON
SUMMARY OF ASSETS

SECURITY	BOOK VALUE 2/28/73	BOOK YIELD 2/28/73	BOOK VALUE 2/28/74	BOOK YIELD 2/28/74
<u>DEBT SECURITIES:</u>				
U. S. Government Obligations--				
Treasury Bonds	\$ 88,960,533.25	5.12%	\$ 79,437,784.61	4.94%
Government Agencies	28,663,100.78	6.93	38,689,550.39	6.83
FHA Mortgages	<u>14,850,101.59</u>	<u>7.01</u>	<u>13,450,769.93</u>	<u>7.01</u>
TOTAL - U. S. Government Obligations	<u>132,473,735.62</u>	<u>5.73</u>	<u>131,578,104.93</u>	<u>5.71</u>
Corporate Bonds	<u>239,318,436.32</u>	<u>4.91</u>	<u>240,848,086.12</u>	<u>4.99</u>
TOTAL - DEBT SECURITIES	<u>371,792,171.94</u>	<u>5.20</u>	<u>372,426,191.05</u>	<u>5.24</u>
<u>EQUITY SECURITIES:</u>				
Convertible Debentures	10,097,290.00	5.42	10,097,290.00	5.42
Convertible Preferred Stocks	6,342,900.64	3.80	6,342,900.64	3.80
Common Stocks	<u>240,508,011.57</u>	<u>4.43</u>	<u>256,110,104.39</u>	<u>4.89</u>
TOTAL - EQUITY SECURITIES	<u>256,948,202.21</u>	<u>4.45</u>	<u>272,550,295.03</u>	<u>4.88</u>
TOTAL - LONG TERM INVESTMENTS	<u>628,740,374.15</u>	<u>4.89</u>	<u>644,976,486.08</u>	<u>5.09</u>
<u>CASH & EQUIVALENT:</u>				
Short Term U. S. Treasury Securities	9,072,870.33	5.71	24,676,297.56	6.86
Commercial Paper	16,841,100.00	<u>5.89</u>	24,097,000.00	<u>8.45</u>
Investment Transactions-- Accounts Payable	-0-		1,095.00	
Cash	<u>164,183.68</u>		(<u>122,771.44</u>)	
TOTAL - CASH & EQUIVALENT	<u>26,078,154.01</u>	<u>5.79</u>	<u>48,651,621.12</u>	<u>7.66</u>
TOTAL - SECURITIES, CASH & EQUIVALENT	<u>\$654,818,528.16</u>	<u>4.92%</u>	<u>\$693,628,107.20*</u>	<u>5.27%</u>

*Includes \$39,176,765.53 Realized Net Profit

Indicated Annual Income \$ 28,855,274.00 \$ 36,554,201.00

SUMMARY OF TRANSACTIONS
February 28, 1974

	Cost	Yield at Cost
Purchases:		
U. S. Government Obligations		
(Direct)	\$ 6,345,063.89	7.20%
(Guaranteed)	1,825,000.00	8.06
Common Stocks	223,361.79	6.05
TOTAL STOCK AND BOND PURCHASES	\$ 8,393,425.68	7.35%

	Proceeds	Gain or (Loss)
Bond Maturities and Prepayments:		
U. S. Government Obligations		
(Direct)	\$ 6,400,000.00	-0-
(Guaranteed)---		
Various Govt. Guaranteed Bonds	194,641.05	\$ 987.95
FHA Mortgages	96,277.30	-0-
TOTAL BOND MATURITIES AND PREPAYMENTS	\$ 6,690,918.35	\$ 987.95

PERMANENT UNIVERSITY FUND BOOK VALUE

January 31, 1974 Balance		\$689,611,157.92
Additions (February, 1974)		
Realized Net Gain or (Loss)		
on Security Transactions	\$ 987.95	
From General Land Office	4,015,961.33	4,016,949.28
February 28, 1974 Balance		\$693,628,107.20

INVESTMENTS ACQUIRED

Par Value, Maturity Value or No. Shares	Description	Price	Total Net Cost	Yield at Cost
	<u>U. S. GOVERNMENT OBLIGATIONS (Direct and Guaranteed):</u>			
	<u>Short Term Treasuries (Direct)--</u>			
\$2,000,000	Bills, 7.06% Discount, due 4/19/74	\$ 98.7645	\$ 1,975,290.00	7.15%
2,000,000	Bills, 7.07% Discount, due 5/2/74	98.5074444	1,970,148.89	7.18
2,400,000	Notes, 7-1/4%, due 5/15/74	99.984375	<u>2,399,625.00</u>	<u>7.25</u>
	TOTAL - Short Term Treasuries		<u>6,345,063.89</u>	<u>7.20</u>
	<u>Various Government Guaranteed Bonds--</u>			
2,000,000	U. S. Govt. Guaranteed New Community Debs., Gananda Development Corp. 7.15%, due 12/15/92	91.25	<u>1,825,000.00</u>	<u>8.06</u>
	TOTAL - U. S. Government Obligations (Direct and Guaranteed)		<u>8,170,063.89</u>	<u>7.39</u>
	<u>COMMON STOCKS:</u>			
7,500 Shs.	Montana Power Company	29.78	<u>223,361.79</u>	<u>6.05</u>
	TOTAL - STOCKS AND BONDS		<u>8,393,425.68</u>	<u>7.35</u>
	<u>COMMERCIAL PAPER:</u>			
\$1,409,000	Ford Motor Credit Co.	100.00	1,409,000.00	8.30
2,351,000	ITT-Aetna Corp.	100.00	2,351,000.00	8.79
400,000	J. C. Penney Financial Corp.	100.00	400,000.00	8.10
2,000,000	Sears Roebuck Acceptance Corp.	100.00	2,000,000.00	8.22
1,300,000	Westinghouse Credit Corp.	100.00	<u>1,300,000.00</u>	<u>8.11</u>
	TOTAL - Commercial Paper		<u>7,460,000.00</u>	<u>8.39</u>
	TOTAL - INVESTMENTS ACQUIRED		<u>\$15,853,425.68</u>	<u>7.84%</u>

INVESTMENTS DISPOSED OF

Par Value or No. Shares	Description	Price	Total Net Proceeds	Gain or (Loss)
<u>BOND MATURITIES AND PREPAYMENTS</u>				
<u>U. S. GOVERNMENT OBLIGATIONS (Direct and Guaranteed):</u>				
<u>U. S. Treasuries (Direct)--</u>				
\$6,400,000	4-1/8% Bonds, due 2/15/74	\$100.00	\$ 6,400,000.00	-0-
<u>Various Government Guaranteed Bonds--</u>				
157,859.83	GNMA, Various Pools	100.00	157,859.83	\$855.22
18,643.54	Farmers Home Administration 6% Insured Notes, due 12/14/91	100.00	18,643.54	440.11
14,516.32	Farmers Home Administration 5-3/4% Insured Notes, due 6/29/2001	100.00	14,516.32	(382.49)
3,621.36	Farmers Home Administration 5-3/4% Insured Notes, due 6/30/2001	100.00	<u>3,621.36</u>	<u>75.11</u>
	TOTAL - Various Govt. Guaranteed Bonds		<u>194,641.05</u>	<u>987.95</u>
<u>FHA Mortgages (Guaranteed)--</u>				
96,277.30	Principal Payments	100.00	<u>96,277.30</u>	<u>-0-</u>
	TOTAL - U. S. Government Obligations		<u>6,690,918.35</u>	<u>987.95</u>
	(TOTAL - BOND MATURITIES AND PREPAYMENTS)			
<u>COMMERCIAL PAPER:</u>				
1,800,000	Ford Motor Credit Co.	100.00	1,800,000.00	-0-
200,000	J. C. Penney Financial Corp.	100.00	200,000.00	-0-
3,208,000	Sears Roebuck Acceptance Corp.	100.00	<u>3,208,000.00</u>	<u>-0-</u>
	TOTAL - Commercial Paper		<u>5,208,000.00</u>	<u>-0-</u>
	TOTAL - INVESTMENTS DISPOSED OF		<u>\$11,898,918.35</u>	<u>\$987.95</u>

BOND MATURITIES AND PREPAYMENTS
(February, 1974)

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>
<u>U. S. Government Obligations (Direct and Guaranteed)</u>			
<u>U. S. Treasuries (Direct)</u>			
<u>\$6,400,000.00</u>	U. S. Treasury Bonds, 4-1/8%, due 2/15/74	<u>\$6,400,000.00</u>	\$ --
<u>Farmers Home Administration (Guaranteed)</u>			
18,643.54	Farmers Home Administration 6% Insured Notes, due 12/14/91	18,643.54	440.11
14,516.32	Farmers Home Administration 5-3/4% Insured Notes, due 6/29/2001	14,516.32	(382.49)
<u>3,621.36</u>	Farmers Home Administration 5-3/4% Insured Notes, due 6/30/2001	<u>3,621.36</u>	<u>75.11</u>
<u>36,781.22</u>	Total Farmers Home Administration	<u>36,781.22</u>	<u>132.73</u>
<u>GNMA Pass-Throughs (Guaranteed)</u>			
6,403.83	GNMA, Pass-Through Pool #92, 8%, due 2/15/2001	6,403.83	(100.54)
386.33	GNMA, Pass-Through Pool #114, 8%, due 1/15/2001	386.33	(87.66)
11,050.04	GNMA, Pass-Through Pool #152, 8%, due 2/15/2001	11,050.04	(2,411.12)
753.77	GNMA, Pass-Through Pool #236, 8%, due 1/15/2001	753.77	(107.41)
1,351.28	GNMA, Pass-Through Pool #456, 8%, due 4/15/2001	1,351.28	(108.24)
13,467.47	GNMA, Pass-Through Pool #650, 8%, due 4/15/2001	13,467.47	(443.08)
15,949.76	GNMA, Pass-Through Pool #682, 7-1/2%, due 5/15/2001	15,949.76	(502.42)
11,380.20	GNMA, Pass-Through Pool #832, 6-1/2%, due 1/15/2002	11,380.20	500.73
2,701.46	GNMA, Pass-Through Pool #852, 6-1/2%, due 1/15/2002	2,701.46	112.38
4,375.81	GNMA, Pass-Through Pool #905, 6-1/2%, due 7/15/2001	4,375.81	255.55
457.33	GNMA, Pass-Through Pool #920, 8%, due 9/15/2001	457.33	1.19
504.56	GNMA, Pass-Through Pool #1029, 6-1/2%, due 12/15/2001	504.56	31.94
1,553.83	GNMA, Pass-Through Pool #1033, 6-1/2%, due 2/15/2002	1,553.83	64.64
947.87	GNMA, Pass-Through Pool #1105, 6-1/2%, due 1/15/2002	947.87	34.41
4,187.48	GNMA, Pass-Through Pool #1157, 6-1/2%, due 1/15/2002	4,187.48	184.25
52,387.66	GNMA, Pass-Through Pool #1252, 6-1/2%, due 1/15/2002	52,387.66	1,660.69
2,185.07	GNMA, Pass-Through Pool #1306, 6-1/2%, due 1/15/2002	2,185.07	93.52
4,545.74	GNMA, Pass-Through Pool #1997, 6-1/2%, due 8/15/2002	4,545.74	229.11
14,037.42	GNMA, Pass-Through Pool #2084, 7%, due 9/15/2002	14,037.42	174.06
<u>9,232.92</u>	GNMA, Pass-Through Pool #2455, 5-1/2%, due 2/15/99	<u>9,232.92</u>	<u>1,273.22</u>
<u>157,859.83</u>	Total GNMA Pass-Throughs	<u>157,859.83</u>	<u>855.22</u>
<u>\$6,594,641.05</u>	TOTAL BOND MATURITIES AND PREPAYMENTS	<u>\$6,594,641.05</u>	<u>\$ 987.95</u>

CASH STATEMENT
February 28, 1974

	<u>Permanent Fund</u>	<u>Available Fund</u>
<u>RECEIPTS:</u>		
From General Land Office	\$ 4,015,961.33	
From Disposition of Securities:		
U. S. Government Obligations		
U. S. Treasury Securities	6,400,000.00	
GNMA Principal Payments	157,859.83	
Farmers Home Administration	36,781.22	
FHA Mortgages	96,277.30	
Commercial Paper	5,208,000.00	
Interest Collected:		
U. S. Government Obligations		
U. S. Treasury Securities		\$2,345,001.21
GNMA Interest Payments		149,926.46
FHA Mortgages		89,647.85
Other Guaranteed Obligations		246,148.28
Corporate Bonds		797,819.46
Convertible Debentures		38,611.25
Commercial Paper		108,561.17
Dividends Collected:		
Common and Preferred Stocks		403,624.22
Amortization of Premium	20,131.24	
Accounts Receivable Collected	<u>3,000.00</u>	
TOTAL RECEIPTS	15,938,010.92	<u>\$4,179,339.90</u>
Cash on Hand 2/1/74	<u>58,356.10</u>	
TOTAL RECEIPTS AND CASH	<u>\$15,996,367.02</u>	

CASH STATEMENT
February 28, 1974
(Continued)

	Permanent Fund	Available Fund
<u>DISBURSEMENTS:</u>		
Securities Acquired:		
U. S. Government Obligations		
Short Term Treasuries	\$ 6,345,063.89	
Various Guaranteed Obligations	1,825,000.00	
Common Stocks	223,361.79	
Commercial Paper	7,460,000.00	
Amortization of Discount	264,617.78	
Cash Payments Made in February on Security Transactions Settling in March	1,095.00	
To Clear Out Available Fund		<u>\$4,179,339.90</u>
TOTAL DISBURSEMENTS	<u>16,119,138.46</u>	<u>\$4,179,339.90</u>
Cash on Hand 2/28/74	(122,771.44)	
TOTAL DISBURSEMENTS AND CASH	<u>\$15,996,367.02</u>	

For Month Ended February 28, 1974

II. TRUST AND SPECIAL FUNDS

TRUST AND SPECIAL FUNDS - INVESTMENT MATTERS.--

REPORT ON SECURITIES TRANSACTIONS.--The following securities transactions have been made for the Trust and Special Funds in February, 1974. The Associate Deputy Chancellor for Investments, Trusts and Lands recommends approval by the Board of Regents of these transactions.

COMPARISON
SUMMARY OF ASSETS
THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND

SECURITY	BOOK VALUE 2/28/73	BOOK YIELD 2/28/73	BOOK VALUE 2/28/74	BOOK YIELD 2/28/74
<u>DEBT SECURITIES:</u>				
U. S. Government Obligations	\$ 1,800,246.70	7.56%	\$ 1,778,590.87	7.57%
Corporate Bonds	<u>11,865,655.74</u>	<u>7.25</u>	<u>14,507,349.46</u>	<u>7.37</u>
TOTAL - DEBT SECURITIES	<u>13,665,902.44</u>	<u>7.29</u>	<u>16,285,940.33</u>	<u>7.40</u>
<u>EQUITY SECURITIES:</u>				
Convertible Debentures	394,881.80	6.47	394,250.00	6.18
Convertible Preferred Stocks	212,121.60	3.21	212,121.60	3.21
Common Stocks	<u>20,466,750.66</u>	<u>3.96</u>	<u>22,356,058.09</u>	<u>4.31</u>
TOTAL - EQUITY SECURITIES	<u>21,073,754.06</u>	<u>4.00</u>	<u>22,962,429.69</u>	<u>4.33</u>
TOTAL - LONG TERM INVESTMENTS	<u>34,739,656.50</u>	<u>5.29</u>	<u>39,248,370.02</u>	<u>5.60</u>
<u>CASH & EQUIVALENT:</u>				
Short Term Notes	3,370,918.06	<u>5.75</u>	3,056,600.00	<u>8.24</u>
Cash	<u>35,602.81</u>		<u>8,901.34</u>	
TOTAL - CASH & EQUIVALENT	<u>3,406,520.87</u>		<u>3,065,501.34</u>	
TOTAL - COMMON TRUST FUND SECURITIES, CASH & EQUIVALENT	<u>\$38,146,177.37</u>	<u>5.32%</u>	<u>\$42,313,871.36</u>	<u>5.78%</u>
Total Market Value	\$40,338,828.31		\$41,010,404.23	
Market Unit Value	\$2.339986311		\$2.20173138	
Rate of Income per Unit	12.07¢		13.17¢	
Yield on Market	5.03%		5.98%	

INVESTMENTS ACQUIRED

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Cost</u>	<u>Yield at Cost</u>
<u>U. S. GOVERNMENT OBLIGATIONS (Guaranteed):</u>			
See Bond Purchase Schedule for Detail			
\$ 73,091.36	Student Property Deposit Scholarship Fund	\$ 73,000.00	8.01%
46,713.95	U.T. System - General Tuition Revenue Bonds, Series 1971, 1972 & 1972A - Reserve Fund	46,655.56	8.01
546,997.35	U.T. Austin - Combined Fee Revenue Bonds, Series 1970, 1971, 1972 & 1973 - Reserve Fund	546,313.60	8.01
233,197.34	U.T. Arlington - Combined Fee Revenue Bonds, Series 1971, 1971A, 1973 & 1973A - Reserve Fund	<u>232,905.84</u>	<u>8.01</u>
TOTAL - U. S. Government Obligations (Guaranteed)		<u>898,875.00</u>	<u>8.01%</u>
<u>CORPORATE BONDS:</u>			
See Bond Purchase Schedule for Detail			
75,000	Anderson-Mayfair Mortgage Retirement Fund - AH	<u>69,142.50</u>	<u>7.80%</u>
TOTAL - LONG TERM INVESTMENTS		<u>\$ 968,017.50</u>	
<u>SHORT TERM PAPER:</u>			
72,000	SRAC 8.30% Note, due 2/21/74 (\$71,000 - Common Trust Fund purchased from AH fund on 2/6/74 1,000 - AH - Anderson-Mayfair Mortgage Retirement Fund)	\$ 72,000.00	8.33%
26,000	J. C. Penney 8-1/2% Note, due 2/28/74 (Common Trust Fund - Undistributed Receipts)	26,000.00	8.55
162,000	FMC 8-1/8% Note, due 2/28/74 (\$62,400 - Common Trust Fund - Undistributed Receipts 2,000 - Fred M. Bullard Professorship in Geology 1,000 - Arthur Young Distinguished Professorship Fund 5,000 - Wallace E. Pratt Professorship in Geophysics 5,600 - C. Aubrey Smith Professorship in Accounting - BA 18,000 - W. C. Hogg Fund 1,200 - College of BAF - Accounting Education Fund 6,200 - GMB - James W. McLaughlin Fellowship Fund 4,800 - U.T. Arlington - Bettye M. Rady Scholarship Fund 18,400 - HMS - The Josey Professorship of Community Health Sciences 12,000 - The Mrs. Kate Polk Dimmitt Scholarship Fund)	162,000.00	8.16

(Continued on next page)

INVESTMENTS ACQUIRED
(Continued)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Cost</u>	<u>Yield at Cost</u>
	<u>SHORT TERM PAPER: (Continued)</u>		
	FMC 8-1/8% Note, due 2/28/74 (Continued)		
	(\$ 5,600 - Winedale Stagecoach Inn - Varner Acreage		
	13,400 - Betty and Glenn Mortimer Student- Faculty Excellence Award - BAF		
	5,400 - AH - Anderson-Mayfair Mortgage Retirement Fund		
	1,000 - Hal P. Bybee Memorial Fund - GF)		
\$ 11,000	J. C. Penney 8-1/2% Note, due 3/1/74	\$ 11,000.00	8.56%
	(Common Trust Fund purchased from IT&L Suspense Account on 2/19/74)		
3,000	Austin National Bank 8-1/2% CD, due 3/25/74	3,000.00	8.50
	(Jack G. Taylor Endowment Fund)		
10,000	Capital National Bank 9% CD, due 4/1/74	10,000.00	9.00
	(IT&L Suspense Account)		
22,000	SRAC 7-7/8% Note, due 4/3/74	22,000.00	7.93
	(\$ 600 - Common Trust Fund		
	18,400 - Jack G. Taylor Endowment Fund		
	1,000 - Student Property Deposit Scholarship Fund		
	2,000 - DMS - The William Buchanan Chair in Internal Medicine)		

INVESTMENTS DISPOSED OF

Par Value	Description and Fund	Total Net Proceeds	Gain or (Loss)
<u>U. S. GOVERNMENT OBLIGATIONS (Guaranteed):</u>			
See Bond Maturities and Prepayments Schedule for Detail			
\$ 9,059.20	Common Trust Fund	\$ 9,059.20	(\$ 207.09)
1,601.95	The William Buchanan Chair in Internal Medicine - DMS	1,601.95	(12.25)
220.38	Reserve for Possible Fire Losses - Temporary Student Housing Units	220.38	2.62
514.70	Texas Union Building Fund	514.70	44.93
1,451.43	Student Property Deposit Scholar- ship Fund	1,451.43	3.03
819.26	Student Property Deposit Scholar- ship Fund - Temporary	819.26	32.87
6,573.03	U.T. System - General Tuition Revenue Bonds, Series 1971, 1972, & 1972A - Reserve Fund	6,573.03	(109.64)
3,420.59	U.T. Austin - Dormitory Revenue Bond Fund, Series 1954 - Reserve Fund	3,420.59	(137.11)
752.59	U.T. Austin - Dormitory Revenue Bonds Fund, Series 1956 - Reserve Fund	752.59	(35.62)
1,667.77	U.T. Austin - Student Housing Revenue Bonds of 1963 - Reserve Fund	1,667.77	(4.98)
3,028.10	U.T. Austin - Housing System Revenue Bonds, Series 1967 - Reserve Fund	3,028.10	(49.20)
1,602.20	U.T. Austin - Building Revenue Bonds, Series 1969 - Utility Plant - Student Fee Revenue Bonds - Reserve Fund	1,602.20	(83.61)
914.18	U.T. Austin - Combined Fee Revenue Bonds, Series 1970, 1971 & 1972 - Reserve Fund	914.18	36.36
307.35	U.T. Austin - Student Union Revenue Bonds, Series 1958 - Reserve Fund	307.35	2.00
2,974.91	Galveston Medical Branch - Dormitory Revenue Bonds, Series 1955 - Reserve Fund	2,974.91	0.37
112.91	M.D. Anderson Hospital - Endowment and Hospital Revenue Bonds, Series 1972 - Interest & Sinking Fund	112.91	6.55
1,434.98	M.D. Anderson Hospital - Endowment and Hospital Revenue Bonds, Series 1972 - Reserve Fund	1,434.98	80.79
95.78	U.T. El Paso - Student Housing Revenue Bonds of 1961 - Reserve Fund	95.78	2.73
1,295.49	U.T. El Paso - Building Revenue Bonds, Series 1969 - Reserve Fund	1,295.49	23.94
1,134.88	U.T. El Paso - Student Union Building Revenue Bonds, Series A and B, 1967 - Reserve Fund	1,134.88	(22.33)
1,695.65	U.T. El Paso - Combined Fee Revenue Bonds, Series 1970 & 1971 - Reserve Fund	1,695.65	(41.00)

INVESTMENTS DISPOSED OF
(Continued)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Proceeds</u>	<u>Gain or (Loss)</u>
<u>U. S. GOVERNMENT OBLIGATIONS (Guaranteed): (Continued)</u>			
\$ 738.35	U.T. Arlington - Housing System Revenue Bonds - Series 1963 - Reserve Fund	\$ 738.35	\$ 1.35
873.13	U.T. Arlington - Student Center Fee Bonds, Series 1960 - Reserve Fund	873.13	-0-
900.42	U.T. Arlington - Gymnasium Fee Bonds - Series 1961 - Reserve Fund	900.42	-0-
1,384.29	U.T. Arlington - Student Fee Revenue Bonds - Series 1964, Series 1966, and Series 1968 - Reserve Fund	1,384.29	(50.47)
74.01	U.T. Arlington - Combined Fee Revenue Bonds, Series 1971, 1971A & 1973 - Reserve Fund	<u>74.01</u>	<u>3.43</u>
	TOTAL - GNMA Pass-Throughs, Various Pools	<u>44,647.53</u>	(<u>512.33</u>)
 <u>Farmers Home Administration--</u>			
29.74	Galveston Medical Branch - Endowment and Hospital Revenue Bonds, Series 1973 - Reserve Fund	<u>29.74</u>	<u>0.39</u>
	TOTAL - U. S. Government Obligations (Guaranteed)	<u>44,677.27</u>	(<u>511.94</u>)
 <u>Short Term Treasuries (Direct)--</u>			
73,150.36	Student Property Deposit Scholarship Fund	<u>73,000.00</u>	<u>-0-</u>
	TOTAL - U. S. Government Obligations (Direct and Guaranteed)	<u>117,677.27</u>	(<u>511.94</u>)
 <u>COMMON STOCKS:</u>			
See Stock Sales Schedule for Detail			
	The George M. Oliver Charitable Trust	3,921.55	(20,547.21)
	The Leila A. Oliver Charitable Trust	3,921.55	(20,547.21)
	The Loraine O'Gorman Gonzalez Trust	23.46	-0-
	Sudden Infant Death Research Fund - San Antonio Medical School	<u>14,955.32</u>	(<u>13,993.74</u>)
	TOTAL - Common Stocks	<u>22,821.88</u>	(<u>55,088.16</u>)
	TOTAL - BONDS AND STOCKS DISPOSED OF	<u>\$ 140,499.15</u>	(<u>\$55,600.10</u>)

INVESTMENTS DISPOSED OF
(Continued)

Par Value	Description and Fund	Total Net Proceeds	Gain or (Loss)
<u>SHORT TERM PAPER:</u>			
\$ 71,000	SRAC 8.30% Note, due 2/21/74 (AH - Anderson-Mayfair Mortgage Retirement Fund - Sold to CTF 2/6/74)	\$ 71,000.00	-0-
11,000	J. C. Penney 8-1/2% Note, due 3/1/74 (IT&L Suspense Account - Sold to CTF 2/19/74)	11,000.00	-0-
8,000	SRAC 9-3/8% Note, due 2/21/74 (Common Trust Fund)	8,000.00	-0-
19,000	SRAC 8-3/4% Note, due 2/27/74 (Common Trust Fund - Undistributed Receipts)	19,000.00	-0-
26,000	J. C. Penney 8-1/2% Note, due 2/28/74 (Common Trust Fund - Undistributed Receipts)	26,000.00	-0-
156,000	ITT-Aetna 8-7/8% Note, due 2/28/74 (\$ 7,000 - George M. Kozmetsky Memorial Scholarship 6,300 - Maud McCain Harding Fund 2,100 - W. A. (Bill) Cunningham Professorship - EF 12,100 - W. C. Hogg Fund 15,500 - GMB - Dr. Raymond L. Gregory Professorship 113,000 - DMS - Dr. Lee Hudson-Robert R. Penn Chair in Surgery)	156,000.00	-0-
59,600	Capital National Bank 9-1/4% CD, due 2/28/74 (\$ 7,000 - Maud McCain Harding Fund 2,700 - C. Aubrey Smith Professorship in Accounting - BA 3,200 - E. M. Barron Fund 1,000 - Dorothy Ogden Carsey Memorial Scholarship Fund - GF 1,500 - Guy E. Green Scholarship Fund - GF 25,000 - James M. Rockwell & Sarah Wade Rockwell Endowment Fund 2,600 - Hal P. Bybee Memorial Fund - GF 4,300 - GMB - James W. McLaughlin Fellowship Fund 10,000 - GMB - Earl W. Clawater Lecture-ship in Urological Surgery 2,300 - SAMS - Miss Eloise Alexander Memorial Fund)	59,600.00	-0-
194,000	FMC 8-1/8% Note, due 2/28/74 (\$ 51,000 - Common Trust Fund - Undistributed Receipts 2,000 - Fred M. Bullard Professorship in Geology 1,000 - Arthur Young Distinguished Professorship Fund 5,000 - Wallace E. Pratt Professorship in Geophysics 3,400 - C. Aubrey Smith Professorship in Accounting - BA 18,000 - W. C. Hogg Fund 1,000 - Hal P. Bybee Memorial Fund - GF 1,200 - College of BAF - Accounting Education Fund)	194,000.00	-0-

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INVESTMENTS DISPOSED OF
(Continued)

<u>Par Value</u>	<u>Description and Fund</u>	<u>Total Net Proceeds</u>	<u>Gain or (Loss)</u>
	<u>SHORT TERM PAPER: (Continued)</u>		
	FMC 8-1/8% Note, due 2/28/74 (Continued)		
	(\$ 6,200 - GMB - James W. McLaughlin Fellowship Fund		
	4,800 - U.T. Arlington - Bettye M. Rady Scholarship Fund		
	18,400 - HMS - The Josey Professorship of Community Health Sciences		
	54,400 - Common Trust Fund - Undistributed Receipts		
	12,000 - The Mrs. Kate Polk Dimmitt Scholarship Fund		
	2,200 - C. Aubrey Smith Professorship in Accounting - BA		
	13,400 - Betty and Glenn Mortimer Student- Faculty Excellence Award - BAF)		
\$ 12,600	Austin National Bank 9-1/4% CD, due 2/28/74 (Common Trust Fund - Undistributed Receipts)	\$ 12,600.00	-0-
273,000	SRAC 8-3/4% Note, due 2/28/74 (\$168,500 - Common Trust Fund - Undistributed Receipts	273,000.00	-0-
	2,300 - C. Aubrey Smith Professorship in Accounting - BA		
	12,900 - Betty and Glenn Mortimer Student- Faculty Excellence Fund - BAF		
	5,800 - Alfred and Nellie King Graduate Fellowship - EF		
	12,500 - GMB - James Wade Rockwell Endowment Fund		
	11,000 - GMB - Willard R. Cooke Lectureship in Obstetrics and Gynecology		
	50,000 - AH - The Harry Carothers Wiess Chair for Cancer Research		
	10,000 - UTEP - Gladys Johnston Memorial Fund)		
223,000	Capital National Bank 9-1/4% CD, due 2/28/74 (Common Trust Fund - Undistributed Receipts)	223,000	-0-

THE UNIVERSITY OF TEXAS SYSTEM COMMON TRUST FUND
(February, 1974)

BOND MATURITIES AND PREPAYMENTS

<u>PAR VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>
\$ 5,653.70	GNMA, Pass-Through Pool #95, 8%, due 12/15/2000	\$ 5,653.70	(\$ 304.17)
176.00	GNMA, Pass-Through Pool #163, 8%, due 2/15/2001	176.00	(9.47)
564.79	GNMA, Pass-Through Pool #548, 8%, due 4/15/2001	564.79	(30.56)
407.72	GNMA, Pass-Through Pool #650, 8%, due 4/15/2001	407.72	(22.06)
129.17	GNMA, Pass-Through Pool #708, 6-1/2%, due 11/15/2001	129.17	6.03
1,653.81	GNMA, Pass-Through Pool #852, 6-1/2%, due 1/15/2002	1,653.81	161.25
<u>474.01</u>	GNMA, Pass-Through Pool #920, 8%, due 9/15/2001	<u>474.01</u>	<u>(8.11)</u>
<u>\$ 9,059.20</u>		<u>\$ 9,059.20</u>	<u>(\$ 207.09)</u>

THE WILLIAM BUCHANAN CHAIR IN INTERNAL MEDICINE - DALLAS MEDICAL SCHOOL
(February, 1974)

BOND MATURITIES AND PREPAYMENTS

\$ 1,414.58	GNMA, Pass-Through Pool #650, 8%, due 4/15/2001	\$ 1,414.58	(\$ 26.45)
<u>187.37</u>	GNMA, Pass-Through Pool #852, 6-1/2%, due 1/15/2002	<u>187.37</u>	<u>14.20</u>
<u>\$ 1,601.95</u>		<u>\$ 1,601.95</u>	<u>(\$ 12.25)</u>

STOCK SALES
(February, 1974)

<u>NO. OF SHARES SOLD</u>	<u>ISSUE</u>	<u>NET SALES PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>	<u>YIELD AT SALE PRICE</u>
<u>THE GEORGE M. OLIVER CHARITABLE TRUST</u>				
500 Shs.	Farah Manufacturing Company Common Stock	<u>\$ 3,921.55</u>	<u>(\$ 20,547.21)</u>	-0-
<u>THE LEILA A. OLIVER CHARITABLE TRUST</u>				
500 Shs.	Farah Manufacturing Company Common Stock	<u>\$ 3,921.55</u>	<u>(\$ 20,547.21)</u>	-0-
<u>THE LORAIN O'GORMAN GONZALEZ TRUST</u>				
46/100ths Shs.	Big Three Industries, Inc. Capital Stock (Fractional share on 2% stock dividend)	<u>\$ 23.46</u>	--	
<u>SUDDEN INFANT DEATH RESEARCH FUND - SAN ANTONIO MEDICAL SCHOOL</u>				
705 Rights	Zoecon Corporation Common Stock	\$ 10.34	--	
705 Shs.	Zoecon Corporation Common Stock	<u>14,944.98</u>	<u>(\$ 13,993.74)</u>	-0-
		<u>\$ 14,955.32</u>	<u>(\$ 13,993.74)</u>	

THE LORAIN O'GORMAN GONZALEZ TRUST
(February, 1974)

STOCK RECEIVED

<u>NO. OF SHS.</u> <u>RECEIVED</u>	<u>ISSUE</u>	
11 Shs.	Big Three Industries, Inc. Capital Stock	(Received in 2% stock dividend)

BOND PURCHASES

<u>PAR</u> <u>VALUE</u>	<u>ISSUE</u>	<u>UNIT</u>	<u>COST</u> <u>TOTAL</u>	<u>YIELD</u> <u>AT COST</u>
<u>ANDERSON-MAYFAIR MORTGAGE RETIREMENT FUND - ANDERSON HOSPITAL</u>				
<u>\$ 75,000</u>	Seaboard Airline Railroad Equipment Trust Certificates 4-7/8%, Series Z, due 3/1/77	\$ 92.10	<u>\$ 69,142.50</u>	<u>7.80%</u>
<u>STUDENT PROPERTY DEPOSIT SCHOLARSHIP FUND</u>				
<u>\$ 73,091.36</u>	GNMA, Pass-Through Pool #3415, 8%, due 1/15/2004	\$ 99.875	<u>\$ 73,000.00</u>	<u>8.01%</u>
<u>U. T. SYSTEM - GENERAL TUITION REVENUE BONDS, SERIES 1971, 1972 & 1972A - RESERVE FUND</u>				
<u>\$ 46,713.95</u>	GNMA, Pass-Through Pool #3415, 8%, due 1/15/2004	\$ 99.875	<u>\$ 46,655.56</u>	<u>8.01%</u>
<u>U. T. AUSTIN - COMBINED FEE REVENUE BONDS, SERIES 1970, 1971, 1972 & 1973 - RESERVE FUND:</u>				
<u>\$546,997.35</u>	GNMA, Pass-Through Pool #3415, 8%, due 1/15/2004	\$ 99.875	<u>\$546,313.60</u>	<u>8.01%</u>
<u>U. T. ARLINGTON - COMBINED FEE REVENUE BONDS, SERIES 1971, 1971A, 1973 & 1973A - RESERVE FUND</u>				
<u>\$233,197.34</u>	GNMA, Pass-Through Pool #3415, 8%, due 1/15/2004	\$ 99.875	<u>\$232,905.84</u>	<u>8.01%</u>

BOND MATURITIES AND PREPAYMENTS
(February, 1974)

<u>PAR OR MATURITY VALUE</u>	<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>
<u>STUDENT PROPERTY DEPOSIT SCHOLARSHIP FUND</u>			
<u>\$ 73,150.36</u>	U. S. Treasury Bills, 7.40% Discount, due 2/7/74	<u>\$ 73,000.00</u>	--
<u>GALVESTON MEDICAL BRANCH - ENDOWMENT AND HOSPITAL REVENUE BONDS, SERIES 1973 - RESERVE FUND</u>			
\$ 23.38	Farmers Home Administration 7-1/2% Insured Notes, due 3/21/88	\$ 23.38	\$0.30
<u>6.36</u>	Farmers Home Administration 7-1/2% Insured Notes, due 5/12/88	<u>6.36</u>	<u>0.09</u>
<u>\$ 29.74</u>		<u>\$ 29.74</u>	<u>\$0.39</u>

GNMA PASS-THROUGH MATURITIES AND PREPAYMENTS
(February, 1974)

<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>
<u>RESERVE FOR POSSIBLE FIRE LOSSES - TEMPORARY STUDENT HOUSING UNITS:</u>		
GNMA, Pool #852, 6-1/2%, due 1/15/2002	\$ 220.38	\$ 2.62
<u>TEXAS UNION BUILDING FUND:</u>		
GNMA, Pool #852, 6-1/2%, due 1/15/2002	\$ 514.70	\$ 44.93
<u>STUDENT PROPERTY DEPOSIT SCHOLARSHIP FUND:</u>		
GNMA, Pool #121, 8%, due 11/15/2000	\$ 39.36	(\$ 1.10)
GNMA, Pool #184, 8%, due 4/15/2001	796.74	-0-
GNMA, Pool #852, 6-1/2%, due 1/15/2002	551.43	0.33
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	63.90	3.80
	<u>\$ 1,451.43</u>	<u>\$ 3.03</u>
<u>STUDENT PROPERTY DEPOSIT SCHOLARSHIP FUND - TEMPORARY:</u>		
GNMA, Pool #708, 6-1/2%, due 11/15/2001	\$ 201.81	\$ 8.42
GNMA, Pool #852, 6-1/2%, due 1/15/2002	617.45	24.45
	<u>\$ 819.26</u>	<u>\$ 32.87</u>
<u>U. T. SYSTEM - GENERAL TUITION REVENUE BONDS, SERIES 1971, 1972 & 1972A - RESERVE FUND:</u>		
GNMA, Pool #194, 8%, due 1/15/2001	\$ 1,928.27	(\$ 70.38)
GNMA, Pool #708, 6-1/2%, due 11/15/2001	80.62	1.66
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	505.07	23.59
GNMA, Pool #1745, 6-1/2%, due 9/15/2002	918.37	51.06
GNMA, Pool #2283, 8%, due 9/15/2001	3,041.67	(111.93)
GNMA, Pool #2308, 8%, due 4/15/2001	99.03	(3.64)
	<u>\$ 6,573.03</u>	<u>(\$ 109.64)</u>
<u>U. T. AUSTIN - DORMITORY REVENUE BOND FUND, SERIES 1954 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 927.71	\$ -0-
GNMA, Pool #548, 8%, due 4/15/2001	2,492.88	(137.11)
	<u>\$ 3,420.59</u>	<u>(\$ 137.11)</u>
<u>U. T. AUSTIN - DORMITORY REVENUE BONDS FUND, SERIES 1956 - RESERVE FUND:</u>		
GNMA, Pool #548, 8%, due 4/15/2001	\$ 512.86	(\$ 28.21)
GNMA, Pool #650, 8%, due 4/15/2001	239.73	(7.41)
	<u>\$ 752.59</u>	<u>(\$ 35.62)</u>
<u>U. T. AUSTIN - STUDENT HOUSING REVENUE BONDS OF 1963 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 1,386.10	\$ -0-
GNMA, Pool #650, 8%, due 4/15/2001	239.73	(7.41)
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	41.94	2.43
	<u>\$ 1,667.77</u>	<u>(\$ 4.98)</u>

GNMA PASS-THROUGH MATURITIES AND PREPAYMENTS (Continued)
(February, 1974)

<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>
<u>U. T. AUSTIN - HOUSING SYSTEM REVENUE BONDS, SERIES 1967 - RESERVE FUND:</u>		
GNMA, Pool #121, 8%, due 11/15/2000	\$ 133.80	\$ 7.43
GNMA, Pool #184, 8%, due 4/15/2001	829.48	-0-
GNMA, Pool #548, 8%, due 4/15/2001	837.45	(46.06)
GNMA, Pool #650, 8%, due 4/15/2001	916.13	(28.31)
GNMA, Pool #708, 6-1/2%, due 11/15/2001	40.26	1.87
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	89.08	5.32
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	181.90	10.55
	<u>\$ 3,028.10</u>	<u>(\$ 49.20)</u>
<u>U. T. AUSTIN - BUILDING REVENUE BONDS, SERIES 1969</u>		
<u>UTILITY PLANT - STUDENT FEE REVENUE BONDS - RESERVE FUND:</u>		
GNMA, Pool #121, 8%, due 11/15/2000	\$ 860.67	(\$ 46.99)
GNMA, Pool #548, 8%, due 4/15/2001	681.65	(37.49)
GNMA, Pool #920, 8%, due 9/15/2001	59.88	0.87
	<u>\$ 1,602.20</u>	<u>(\$ 83.61)</u>
<u>U. T. AUSTIN - COMBINED FEE REVENUE BONDS, SERIES 1970, 1971, 1972 & 1973 -</u>		
<u>RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 191.00	\$ -0-
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	462.02	21.21
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	261.16	15.15
	<u>\$ 914.18</u>	<u>\$ 36.36</u>
<u>U. T. AUSTIN - STUDENT UNION REVENUE BONDS, SERIES 1958 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 272.85	\$ -0-
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	34.50	2.00
	<u>\$ 307.35</u>	<u>\$ 2.00</u>
<u>GALVESTON MEDICAL BRANCH - DORMITORY REVENUE BONDS, SERIES 1955 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 2,357.46	\$ -0-
GNMA, Pool #852, 6-1/2%, due 1/15/2002	617.45	0.37
	<u>\$ 2,974.91</u>	<u>\$ 0.37</u>
<u>M. D. ANDERSON HOSPITAL - ENDOWMENT AND HOSPITAL REVENUE BONDS, SERIES 1972 -</u>		
<u>INTEREST & SINKING FUND:</u>		
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	\$ 112.91	\$ 6.55
<u>M. D. ANDERSON HOSPITAL - ENDOWMENT AND HOSPITAL REVENUE BONDS, SERIES 1972 -</u>		
<u>RESERVE FUND:</u>		
GNMA, Pool #1279, 6-1/2%, due 7/15/2002	\$ 457.73	\$ 25.18
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	84.82	4.92
GNMA, Pool #1710, 6-1/2%, due 9/15/2002	892.43	50.69
	<u>\$ 1,434.98</u>	<u>\$ 80.79</u>

GNMA PASS-THROUGH MATURITIES AND PREPAYMENTS (Continued)
(February, 1974)

<u>ISSUE</u>	<u>PROCEEDS</u>	<u>PROFIT OR (LOSS)</u>
<u>U. T. EL PASO - STUDENT HOUSING REVENUE BONDS OF 1961 - RESERVE FUND:</u>		
GNMA, Pool #852, 6-1/2%, due 1/15/2002	\$ 95.78	\$ 2.73
<u>U. T. EL PASO - BUILDING REVENUE BONDS, SERIES 1969 - RESERVE FUND:</u>		
GNMA, Pool #121, 8%, due 11/15/2000	\$ 121.12	\$ 2.43
GNMA, Pool #184, 8%, due 4/15/2001	807.65	-0-
GNMA, Pool #920, 8%, due 9/15/2001	10.55	0.25
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	356.17	21.26
	<u>\$ 1,295.49</u>	<u>\$ 23.94</u>
<u>U. T. EL PASO - STUDENT UNION BUILDING REVENUE BONDS, SERIES A AND B, 1967 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 862.22	\$ -0-
GNMA, Pool #548, 8%, due 4/15/2001	272.66	(22.33)
	<u>\$ 1,134.88</u>	<u>(\$ 22.33)</u>
<u>U. T. EL PASO - COMBINED FEE REVENUE BONDS, SERIES 1970, 1971 & 1973 - RESERVE FUND:</u>		
GNMA, Pool #194, 8%, due 1/15/2001	\$ 1,459.41	(\$ 53.27)
GNMA, Pool #920, 8%, due 9/15/2001	35.25	0.54
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	39.64	2.37
GNMA, Pool #1524, 6-1/2%, due 5/15/2002	161.35	9.36
	<u>\$ 1,695.65</u>	<u>(\$ 41.00)</u>
<u>U. T. ARLINGTON - HOUSING SYSTEM REVENUE BONDS - SERIES 1963 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 709.42	\$ -0-
GNMA, Pool #708, 6-1/2%, due 11/15/2001	28.93	1.35
	<u>\$ 738.35</u>	<u>\$ 1.35</u>
<u>U. T. ARLINGTON - STUDENT CENTER FEE BONDS, SERIES 1960 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 873.13	\$ -0-
<u>U. T. ARLINGTON - GYMNASIUM FEE BONDS - SERIES 1961 - RESERVE FUND:</u>		
GNMA, Pool #184, 8%, due 4/15/2001	\$ 900.42	\$ -0-
<u>U. T. ARLINGTON - STUDENT FEE REVENUE BONDS - SERIES 1964, SERIES 1966, AND SERIES 1968 - RESERVE FUND:</u>		
GNMA, Pool #121, 8%, due 11/15/2000	\$ 63.61	\$ 4.07
GNMA, Pool #548, 8%, due 4/15/2001	1,129.59	(62.13)
GNMA, Pool #852, 6-1/2%, due 1/15/2002	191.09	7.59
	<u>\$ 1,384.29</u>	<u>(\$ 50.47)</u>
<u>U. T. ARLINGTON - COMBINED FEE REVENUE BONDS, SERIES 1971, 1971A, 1973 & 1973A - RESERVE FUND:</u>		
GNMA, Pool #708, 6-1/2%, due 11/15/2001	\$ 41.35	\$ 1.93
GNMA, Pool #1029, 6-1/2%, due 12/15/2001	32.66	1.50
	<u>\$ 74.01</u>	<u>\$ 3.43</u>