

THE UNIVERSITY OF TEXAS  
Office of the President  
Austin

June 3, 1959

TO THE HONORABLE BOARD OF REGENTS  
OF THE UNIVERSITY OF TEXAS

Mrs. Devall and Gentlemen:

The dockets prepared by the component institutions listed below are herewith submitted, with my recommendation for approval, for consideration at the meeting of the Board of Regents in Austin on June 12 and 13, 1959:

Main University	M. D. Anderson Hospital and
Texas Western College	Tumor Institute
Medical Branch	Southwestern Medical School
Dental Branch	Postgraduate School of Medicine

I recommend approval of the following Central Administration budget items:

1958-59 Budget

Office of the President

1. Revise the appointment of Dr. L. D. Haskew, Vice-President for Developmental Services, to show him full-time during the period September 1-15 and August 21-31; part-time June 16-August 20; and two-thirds time during the Long Session. This is the result of changing from six weeks summer term to nine weeks summer session.
2. Appoint Mrs. Vera M. Smith as Senior Secretary, effective February 1, 1959, at a twelve months rate of \$3,024, funds to come Central Administration Unappropriated Balance.
3. Transfer \$75.00 from Central Administration Unappropriated Balance to Institutional Membership Dues.
4. Approve the lapse of the following balances to Unappropriated Balance:
 

\$ 218.28	- Office of the President
206.53	- Office of the Board of Regents
1,094.29	- Office of the Comptroller
1,626.62	- Development Board
<u>996.73</u>	- Workmen's Compensation Insurance Office
\$4,142.45	
5. Increase the account for Maintenance and Operation, and Travel by \$3,000 from Central Administration Unappropriated Balance.

LILA BELLE ETTER ESTATE: Approve the transfer of \$2,500 from Account No. 83230, Lila Belle Etter Estate, Endowment Funds Cash, to Account No. 81730 - Etter Estate - Special Fund.

GIFTS: 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:

1. Mr. C. R. Smith of New York City has sent a check in the amount of \$1,000 to be used "for any purpose which you consider to be suitable." The money has been transferred to the Ex-Students' Association to push forward some of its important projects.

Various Funds

NATIONAL DEFENSE STUDENT LOAN FUND: The United States Office of Education has notified us that The University of Texas allotment for the second Federal Capital Contribution to the National Defense Student Loan Fund for 1958-59 is \$122,392, and states that this amount will be transmitted to us by June 5. When received, these funds will be distributed as follows: Main University, \$100,792; Medical Branch, \$13,500; Dental Branch, \$5,400; Southwestern Medical School, \$2,700; to be deposited in the National Defense Student Loan Fund at each component unit and disbursed according to regulations previously established.

OUT-OF-STATE TRIPS: I recommend approval of the following out-of-state trips with expenses paid as indicated:

1. Dr. Logan Wilson, President, to Washington, D. C., May 24-25, 1959, to interview prospective candidates for University appointment and to discuss University contract research with government officials, expenses to be paid from Maintenance and Operation, and Travel account of the Office of the President.
2. Dr. J. C. Dolley, Vice-President for Fiscal Affairs, to New York City and possibly to Boston, Massachusetts, to confer with various security broker-dealer firms and managements of certain large pension trust and endowment funds concerning the investment program of the Permanent University Fund. Timing of the trip is now uncertain but authorization is requested to start the trip and return sometime between August 1 and September 12, 1959, expenses to be paid from funds of the Endowment Office.
3. Dr. C. T. Clark, System Personnel Adviser, Office of the President, to Charlottesville, Virginia, June 25-July 3, 1959, to attend the annual conference of the College and University Personnel Association, expenses to be paid from travel funds of the Office of the President.
4. Mr. Charles H. Sparenberg, Comptroller, and Mr. Halbert G. St. Clair, Branch College Auditor, to attend the annual meeting of the Central Association of College and University Business Officers at Lafayette, Indiana, May 17-19, 1959, expenses to be paid from travel funds of the Office of the Comptroller; also possible expenses to be incurred by Mr. Sparenberg on a trip to Washington, D. C., to attend a meeting of the Committee on Taxation and Fiscal Reporting to the Federal Government of The American Council on Education on May 13, 1959, should he stay over a day or so to attend to other University business.
5. Mr. Joseph H. Culver, Director, Office of Workmen's Compensation Insurance and Other Staff Benefits, June 28-July 2, 1959, to Charlottesville, Virginia, to attend the annual national conference of The College and University Personnel Association, expenses to be paid from travel funds of Workmen's Compensation and Other Staff Benefits office.

Out-of-State Trips (continued) University Development Board,  
 6. Mr. Hulon W. Black, Executive Director, /June 27-July 3, 1959 (approximately), to Mackinac Island, Michigan, to confer regarding development matters pertinent to the work of the Development Board and to present a paper at the national meeting of the American Alumni Council; and July 11-16, 1959 (approximately), to French Lick, Indiana, for conferences regarding development programs and to attend meetings of the Board of Directors of the Development Section of the American College Public Relations Association, expenses for both trips to be paid from travel funds of the Development Board and Supplemental Traveling Expenses and Entertainment Fund.

7. Mr. William D. Blunk, Associate Director, University Development Board, July 8-24, 1959, to French Lick, Indiana, and Detroit, Michigan, to attend and participate in the seminar sessions and conferences of the American College Public Relations Association in French Lick, and to confer with members of the General Motors Corporation's committee on scholarships and educational grants in Detroit, expenses to be paid from travel funds of Development Board and Supplemental Traveling Expenses and Entertainment Fund.

SURVEY OF CLASSIFIED PERSONNEL SYSTEM: At the March, 1959, meeting of the Board an allocation of \$2,000 was approved from the Etter Fund to finance costs in connection with the survey of our Classified System by the Texas Employment Commission. The total needed was \$1,980.33 and the balance has been returned to the Etter Fund.

Dr. C. T. Clark, Systems Personnel Adviser, has submitted the following report on the survey:

A verification study of position classification at The University of Texas was completed in March, 1959, in accordance with a Memorandum of Agreement between the Texas Employment Commission and The University of Texas dated November 12, 1958. Included in the study were 602 budgeted positions, or approximately ten per cent of the classified employees in the University System. In the final report of the study, issued in April, 1959, the Texas Employment Commission representatives who conducted the study stated that the following conclusions can be drawn concerning the validity of the six classification plans in effect at the component institutions: "(1) In an exceptionally high percentage of the cases included in this study--almost 97 per cent--jobs were allocated to proper classifications in the respective classification plans. (2) With respect to appropriateness or correctness of classification, it was found that there were as many jobs in the study which were 'under-classified' as were found 'over-classified.' (3) In instances in which positions appeared to be incorrectly classified, it should be pointed out that the gradual changes in duty assignments which frequently occur in most jobs may pass unnoticed even though in the aggregate they constitute a basis for reclassification. For this and other related reasons, it would be highly improbable that all of the positions in any system or organization as large or as complex in function as The University of Texas would ever be properly classified at any one time."

SALZBURG SEMINAR IN AMERICAN STUDIES: At an earlier meeting you gave approval to my participation in the Salzburg Seminar in American Studies August 23-September 19, 1959. I should like to call attention to the fact that Dr. Dolley, as senior Vice-President, acts for the President during the latter's absence. In view of the fact that I will be away for an extended period this summer and that Dr. Dolley will also be away for part of that period, it is suggested that Mr. Cox be authorized to serve as second alternate.

GRADUATE FACULTY MEMBERSHIP: On recommendation of the Graduate Council, concurred in by the officers of the Graduate School, I recommend approval of the following as members of the Graduate Faculty:

Main University

Department of Astronomy

William W. Morgan, Professor (Yerkes and McDonald Observatories)

Department of English

William B. Todd, Associate Professor

Department of Geology

William R. Muehlberger, Associate Professor

Department of Government

Edward J. Taborsky, Associate Professor

Department of Physics

B. B. Kinsey, Professor

Department of Sociology

Leonard Broom, Professor as of September, 1959

Department of Zoology

Clark Hubbs, Associate Professor

Institute of Marine Science

Howard T. Odum, Director (Special membership)

Department of Finance

John Strook Bickley, Professor as of September, 1959

Electrical Engineering

W. C. Duesterhoeft, Jr., Associate Professor

Alfred Hall LaGrone, Associate Professor

Harold Wood Smith, Associate Professor

Engineering Mechanics

William Walsh Hagerty, Professor and Dean of the College

Department of Art

Marian B. Davis, Associate Professor

Kelly Fearing, Associate Professor

Everett F. Spruce, Professor

Charles Umlauf, Professor

Donald Weismann, Professor

M. D. Anderson Hospital and Tumor Institute (Special Memberships)

Amos Clark Griffin, Biochemist, Chief of Department

Felix L. Haas, Biologist, Chief of Department

Warren Keith Sinclair, Physicist, Chief of Department

Medical Branch

Howard C. Hopps, Professor of Pathology

GRADUATE LEGISLATIVE COUNCIL: I recommend approval of the following legislation passed by the Graduate Legislative Council as recommended by the Graduate Council. The Minutes of the Graduate Legislative Council are attached to this docket for reference.

1. Meeting of February 23, 1959 (minor legislation):

- (1) Procedure for filling seats in Graduate Legislative Council due to leaves of absence. (D&P 184-185)
- (2) Authorization to include Linguistics as an acceptable field of study for the Degree of Master of Arts. (D&P 185)

Graduate Legislative Council (continued)

- (3) Authorization to include Linguistics as an acceptable field of study for the Degree of Doctor of Philosophy. (D&P 185)
2. Meeting of March 23, 1959 (minor legislation):
    - (1) Changes in the Requirements for the Degree of Master of Arts (in Public Administration). (D&P 193-4)
    - (2) Changes in Prerequisites, General Recommendations, and Requirements for the Degree of Master of Library Science. (D&P 194-5)
    - (3) An amendment to Prerequisites for the Degree of Master of Business Administration, in order to provide an Alternate Route. (D&P 195)
    - (4) Changes in Prerequisites and Requirements for the Degree of Master of Journalism. (D&P 196)
  3. Meeting of March 23, 1959 (major legislation):
    - (1) Creation of a New Degree Program leading to the Degree of Master of Science in Dentistry (with concentration in (a) Oral Surgery and (b) Orthodontics (or Prosthodontics)). (D&P 196-201)
    - (2) Changes in the Program leading to the Degree of Master of Architecture, and Creation of a Program leading to the new Degree of Master Science in Community and Regional Planning. (D&P 201-204).  
 At present under the degree of Master of Architecture, an inter-departmental major in community and regional planning is authorized (Graduate Catalogue No. 5809, pages 59 and 299.) Thus, the Graduate Faculty action essentially recommends approval of a new name for an existing program.
  4. Meeting of April 27, 1959 (major legislation):
    - (1) Changes in Graduate Catalogue No. 5809, pages 35-36, under the Degree of Doctor of Philosophy, Section 5, Course Requirements. (D&P 209-210)
    - (2) Changes in Graduate Catalogue No. 5809, page 36, under the Degree of Doctor of Philosophy, Section 6, Examinations in Foreign Languages. (D&P 210-211)
    - (3) Changes in Graduate Catalogue No. 5809, page 35, under the degree of Doctor of Philosophy, Section 4, Supervising Professor. (D&P 211)
  5. Meeting of April 27, 1959 (minor legislation):
    - (1) Edit the Graduate Catalogue No. 5809, by deleting Aeronautical Engineering and replacing it by Aero-Space Engineering. (D&P 208)

CUSTODY OF UNIVERSITY SECURITIES AND ENTRY INTO UNIVERSITY SAFETY DEPOSIT BOXES: The increasing activity of the Endowment Office requires many more trips to the bank than was formerly necessary, and too often those presently authorized to go into the safety deposit boxes are unavailable. Accordingly, I recommend approval of the following submitted by Mr. Sparenberg and by Mr. Starnes:

I, Charles H. Sparenberg, Comptroller, hereby designate the men listed below to go into the safety deposit boxes in my stead when necessary, my alternate on any given day to be chosen from this list, in the order indicated:

Custody of University Securities and Entry into University Safety Deposit Boxes (continued)

1. Graves W. Landrum (Business Manager)
2. Joseph C. Kennedy (Assistant to the Comptroller), when Mr. Landrum is not available
3. Halbert G. St. Clair (Branch College Auditor), when neither Mr. Landrum nor Mr. Kennedy is available.

I, Grady C. Starnes, Auditor, hereby designate the men listed below to go into the safety deposit boxes in my stead when necessary, my alternate on any given day to be chosen from this list, in the order indicated:

1. C. Lewis Lindahl (Assistant University Auditor)
2. Harry S. Miller (Chief, Accounting Division), when Mr. Lindahl is not available
3. T'Odon C. Leshikar (Bursar), when neither Mr. Lindahl nor Mr. Miller is available.

TRANSFERS IN AVAILABLE UNIVERSITY FUND APPROPRIATIONS ACCOUNTS ON STATE COMPTROLLER'S BOOKS: I recommend approval of the following submitted by Mr. Grady Starnes, Auditor, approved by Mr. Sparenberg and Dr. Dolley:

In order to carry out the Regents' Budget for 1958-59, as approved April 26, 1958, it is necessary that the following transfers be made:

<u>FROM:</u>		
M-444 - Geophysical Exploration		\$3,662.00
<u>TO:</u>		
M-440 - Board for Lease of University Lands		305.00
M-445 - Surface Leasing		3,357.00

Provision for the above transfer is authorized under the terms of Article V, House Bill 133, 55th Legislature, Regular Session.

To complete the transfer it will be necessary for the Secretary of the Board to furnish a certificate of the Board's action to be attached to the University's formal request to the State Comptroller.

ADDITIONAL AUTHORITY FOR COMPTROLLER SPARENBERG TO SIGN CHANGE ORDERS FOR ADDITION TO PHYSICS BUILDING, MAIN UNIVERSITY: On May 30, 1958, the Board of Regents approved a recommendation that Comptroller Sparenberg be authorized to approve whatever change orders were necessary to the various construction contracts for the Addition to the Physics Building, to complete the air conditioning of this building, up to a total of \$25,000, this money plus the Architects' fees on the change orders to come from account No. [REDACTED] Addition to Physics Building - New East Wing - Allotment Account.

The final figures from the Associate Architect on this project, Fehr and Granger, indicate that this work will have a final total cost of \$31,542, covering concrete work and piping on the additional tunnel work needed, plus certain chilled water piping, cooling coils, pumps, valves, etc., inside the building not included in the original plans and specifications. I recommend that the authority previously granted the Comptroller to approve change orders for this work be increased by \$5,500. (The difference needed will come out of the estimated unused balance in the Contingency Allowance of the contract of Way Engineering Company.)

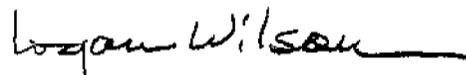
Additional Authority for Comptroller Sparenberg to Sign Change Orders  
For Addition to Physics Building, Main University (continued)

I further recommend that Comptroller Sparenberg be authorized to sign change orders to the electrical contract on this project with O. H. Cummins Electric Company, over and above the estimated balance in the contingency allowance, in the amount of \$1,600 in order to install the sound systems in lecture rooms "A" and "B", which were omitted as an alternate when the contract was originally awarded. The contractor has agreed to restore these items to the contract for \$2,900, the amount of his original bid.

The money needed to cover this additional authority to sign change orders, totaling a maximum of \$7,100, plus Architects' fees on these change orders, is to come from Account No. 94055, the allotment account for this project, the balance as of April 30, 1959, being \$76,012.01, sufficient to cover the balance of the change orders needed plus movable furniture and equipment.

AUTHORIZATION FOR PAYMENT OF ENGINEERING AND TECHNICAL ASSISTANTS IN CONNECTION WITH DEVELOPMENT PROGRAM AT W. J. McDONALD OBSERVATORY: At the December 1958 meeting in connection with the McDonald Observatory program, the Regents were advised that an amount not to exceed \$10,000 would be required for the services of a consulting engineer, Mr. Hooghoudt from Holland. Because of the rather complex fiscal arrangements desired by Mr. Hooghoudt, it seems best to satisfy the University's fiscal and legal requirements by making our payment to the University of Chicago for the engineering and technical services required. Accordingly, I recommend that from Account No. 28503, Special Reserve Fund for Graduate School, in the Special Research and Academic Excellence Program series of account Main University, the sum of \$10,000 be paid to the University of Chicago for engineering and technical services in connection with the development of the W. J. McDonald Observatory for the period January 1, 1959, to August 31, 1959, inclusive. The payment for these services shall be made as the services are rendered to the University.

Sincerely yours,



Logan Wilson

## DOCUMENTS AND PROCEEDINGS OF THE GRADUATE LEGISLATIVE COUNCIL

THE UNIVERSITY OF TEXAS

MARCH 6, 1959

## MEETING OF THE GRADUATE LEGISLATIVE COUNCIL

The second meeting of the Graduate Legislative Council during the Session of 1958-1959 was held in Old Library Building on Monday, February 23, 1959, at 2:00 P.M., with Associate Dean J. A. Burdine presiding.

ATTENDANCE

Present: Deans Whaley, Burdine, Burlage, Doty, Harrison, and Haskew. Professors F. J. Adams, R. C. Anderson, H. C. Blodgett, D. K. Brace, O. P. Breland, T. H. Campbell, A. H. Chute, S. E. Clabaugh, M. M. Crow, J. E. Davis, R. F. Dawson, H. Hackerman, E. F. Haden, H. Leipziger-Pearce, J. J. McKetta, D. L. Miller, H. J. Otto, L. L. Pederson, D. C. Reddick, J. W. Reynolds, C. M. Rosenquist, V. T. Schuhardt, M. Van Winkle, J. A. White.

Absent: Professors R. R. Douglass, M. M. Guest, L. U. Hanke, (on leave), C. W. Horton, A. H. Jones (excused), E. S. Redford (on leave), H. Rehder (on leave), D. Stanislawski (on leave), W. S. Stone, A. W. Stratton, G. W. Watt, R. Willard.

MINUTES OF THE MEETING OF OCTOBER 27, 1958.

The minutes of this meeting were approved as distributed.

REPORT OF APPROVAL OF GRADUATE LEGISLATIVE COUNCIL LEGISLATION.

The following items of minor legislation have received approval:

- A. Change in Prerequisite of Degree of Master of Arts (Public Administration), (D. and P., p. 152.)
- B. Change in Fields of Study approved for the Degree of Doctor of Philosophy (Music, Drama, Theatre) (D. and P., p. 176.)
- C. Creation of an additional Category of Membership in the Graduate Faculty:
  1. Member (Special)
  2. Associate of the Graduate Faculty (Special)  
(D. and P., pp. 172 and 174.)

The following items of major legislation have received approval:

- A. Change in terminology in Requirements for the Degree of Master of Arts. (D. and P., pp. 175-176.)  
(Board of Regents meeting January 10, 1959.)
- B. Proposal for new Doctoral Program leading to the Degree of Doctor of Musical Arts. (D. and P., pp. 178-179)  
(Board of Regents meeting of January 10, 1959.)

MATTERS RECOMMENDED BY THE GRADUATE COUNCIL.

A. The Secretary pointed out that whereas the Rules of the Faculty Council provided for replacement of its members during periods of leave of absence, no similar provision had been included in the Rules of the Graduate Legislative Council. It might well be expected that members of the GLC, elected for a two-year period of service, were quite likely to deserve and receive research leaves which would permit or require their absence from the campus, or from participation in administrative and committee duties. Since GLC members are chosen to represent limited areas of graduate instruction, it is highly desirable that a given area not be deprived of representation on the GLC. The Graduate Council recommended that:

The acceptance by a voting member of the Graduate Legislative Council of a leave for the period of one semester or longer shall create a vacancy in the Council for that period; the vacancy shall be filled by election in the usual manner by the electorate in the appropriate area of representation.

The discussion of this recommendation, which is equivalent to a motion with second, centered about placing the responsibility for some one becoming aware of the leave and the period involved in the latter; the Secretary was of the opinion that the Office of the Graduate Dean and the Secretary would have the necessary information and, therefore, the authority to recognize the desirability of scheduling an election for an ad interim replacement. The bulk of the meetings of the GLC are scheduled for the Spring Semester, thus ample time exists in which to hold an election to provide for the replacement.

The motion CARRIED unanimously.

B. Authorization to include Linguistics as an acceptable Field of Study for the Degree of Master of Arts.

The Graduate Council, after a detailed study of course offerings available in this field, had recommended the following:

Amend Graduate Catalog No. 5809 on page 42, under the Degree of Master of Arts (M.A.) (General), by insertion of Linguistics between History and Mathematics and Astronomy in line five of the lower paragraph (departments in which major and minor work may be done.)

The motion, classified by the Secretary as minor legislation, CARRIED unanimously.

C. Authorization to include Linguistics as an acceptable Field of Study (as a major) for the Degree of Doctor of Philosophy.

The Committee on Courses and Degree Programs, of the Graduate Council, had made an exhaustive study of the suitability of permitting work in this field to count as a major towards the Ph.D. degree. In their report to the Graduate Council, this committee called attention to the provision in the Catalog (No. 5809, page 33) that:

"Minor work towards the degree may be done in any of the above departments that are properly correlated with the major field and in any other department of the Main University or the medical units that offers sufficient advanced work and is properly correlated with the major field."

The Committee on Courses and Degree Programs, while approving the use of Linguistics as a field worthy of inclusion for a major towards the Ph.D. degree, noted that a special situation exists in the application of this requirement to the area of Linguistics, namely, that in the Departments of English, Classical Languages, Germanic Languages, and Romance Languages, there are Linguistics courses which may be used as a minor without violating the Graduate Catalog requirements. The Committee believed that the use of such courses as a minor for a major in the same field would provide a program with too narrow a concentration. The Graduate Council recommended, therefore, to:

Amend Graduate Catalog No. 5809 on page 34, by insertion in line six under 2. Fields of Study, of

Linguistics between History and Mathematics

and, on page 35 (in paragraph dealing with minor work), by addition following the clause "...that is properly correlated with the major field." of

", except that courses in Linguistics listed in the Departments of English, Classical Languages, Germanic Languages, and Romance Languages may not be used as the sole minor if Linguistics is to constitute the major field."

## DOCUMENTS AND PROCEEDINGS OF THE GRADUATE LEGISLATIVE COUNCIL

THE UNIVERSITY OF TEXAS

MARCH 31, 1959

## MINUTES OF THE MEETING OF THE GRADUATE LEGISLATIVE COUNCIL

The third regular meeting of the Graduate Legislative Council during the Session of 1958-1959 was held in Old Library Building 107 on Monday, March 23, 1959, at 2:00 P.M., with Dr. Norman Hackerman (Dean ad interim) presiding.

ATTENDANCE

Present: Deans Hackerman, Burlage, Creer, Doty, Duncan, Harrison; Vice-President Casberg; Dr. McKinney representing Dean Olsen; Professors R. C. Anderson, H. C. Blodgett, O. P. Breland, T. N. Campbell, A. N. Chute, M. M. Crow, J. E. Davis, R. F. Dawson, M. M. Guest, A. N. Jones, H. Leipziger-Pearce, J. J. McKetta, H. J. Otto, L. L. Pederson, D. C. Reddick, J. W. Reynolds, C. M. Rosenquist, V. T. Schunhardt, W. S. Stone, A. W. Straiton, M. Van Winkle, W. F. Verwey, G. W. Watt, J. A. White, R. Willard.

Absent: Professors F. J. Adams, D. K. Brace, R. R. Douglass (represented by E. L. Stallman), E. F. Haden (excused, on leave), L. U. Hanke (excused, on leave), C. W. Horton, D. L. Miller, E. S. Redford (excused, on leave), H. Rehder (excused, on leave), D. Stanislowski (excused, on leave.)

APPROVAL OF MINUTES OF MEETING OF FEBRUARY 23, 1959 (D. and P., p. 184-188)

The Minutes of February 23, 1959 were approved without correction.

REPORT OF THE SECRETARY

The Secretary reported approval of certain items by the Board of Regents at their meeting of March 14, 1959:

- A. Rank of Work required for all Master's Degrees (D. and P., p. 180)
- B. Admission Requirements to the Graduate School
  - 1. Raising cutting score on GRE from level of 400 to 450 (Graduate Council recommendation of January 20, 1959, pursuant to authority of GLC action of February 27, 1956... "and (3), make a satisfactory score on the Graduate Record Examination Aptitude test.")
  - 2. Raising grade point average entitling applicant to provisional admission from 1.60 to 1.80.
- C. Certain appointments as Member (Special) of the Graduate Faculty.

The Secretary announced that no request had been received for reconsideration of the major legislation concerning Requirements for the Degree of Master of Arts (General) (D. and P., p. 189-190) the legislation had therefore been transmitted to President Wilson.

LEGISLATION UPON RECOMMENDATIONS FROM THE GRADUATE COUNCIL

- A. Changes in the Requirements for the Degree of Master of Arts (in Public Administration):

In Graduate Catalogue No. 5809, page 44, under Requirements

delete

"(2) Completion of the work in a noncredit conference course in public administration"

Under minor in public administration for a master's degree, in line 8

delete

"...the noncredit course in public administration..."

The deletion of these two specifications of this noncredit course, requires renumbering items (3) through (6) as items (2) through (5) under Requirements.

This recommendation, classified by the Secretary as MINOR Legislation, was unanimously approved by the GLC.

B. Changes in Prerequisites, General Recommendations, and Requirements for the Degree of Master of Library Science:

In Graduate Catalogue No. 5809, page 52, Prerequisites

delete

"(1) A bachelor's degree with a satisfactory record of scholarship from The University of Texas or the equivalent from another college or university."

replace by

(1) Admission to the Graduate School.

same page, Prerequisites (2), lines one and two

(2) "A minimum of twelve semester hours..."

replace

"twelve" by "six"

delete

"...Library Science 235, 340, 342, and 461."

replace by

"...Library Science 340 and 351, with a grade of at least B."

same page, in (3), line one

delete

"admissions"

replace by

"evaluations" so as to read "Satisfactory scores on evaluation tests."

in lines three and four of (3)

delete

"...appraise the applicant's intellectual ability, general education and emotional maturity."

replace by

"...appraise the applicant's emotional maturity and aptitude for library work."

same page, under General Recommendations.-, in (3)

add the sentence

"It is recommended that those who plan to serve as school librarians in Texas complete requirements for the provisional certificate before starting graduate study leading to the M.L.S. degree."

under Requirements, page 53, in (1) line two

delete

"...will include a statement of the thesis subject and must be approved..."

replace by

"..., including a statement of the thesis, expository paper, or report subject, must be approved..."

in (3), lines two through six after "For the degree of Master of Library Science, thirty semester hours of senior or graduate courses are required."

delete

"Of these thirty, eighteen to twenty-four semester hours must be in graduate library science courses, including Library Science 698. The remaining six to twelve semester hours must be in closely related and appropriate courses in other departments. Not more than six semester hours may be counted of junior rank."

add

"Of this total, a minimum of fifteen semester hours must be in graduate library science courses, including Library Science 397 and 398. The remaining fifteen semester hours may be in library science or in closely related and appropriate courses in other departments. Not more than nine semester hours may be counted in courses of senior rank."

in (4) following the words "A thesis...(approved by the committee)

insert

"..., an internship report, or other expository paper..."

Note. The Graduate Council has approved the stipulation, by the Committee on Graduate Studies of the Graduate School of Library Science, that the undergraduate program of the candidate for the M.L.S. degree be examined carefully. If this program shows reasonable breadth of undergraduate education, the student may be permitted to take all of his work for the M.L.S. degree in library science courses. If the undergraduate program is rather narrow, it is recommended that the student elect a minor that will overcome this condition.

These changes, classified by the Secretary as MINOR Legislation, were unanimously approved by the GLC.

C. Amendment to Prerequisite for the Degree of Master of Business Administration to provide an Alternate Route.

In Graduate Catalogue No. 5809, page 46, at the close of the paragraph at top of page (dealing with prerequisites)

Add

"Applicants for the M.B.A. degree entering the Graduate School in fields other than in business are advised to take the following core of courses during the first year of graduate study: Accounting 381K, Accounting Analysis and Techniques; Accounting 381L, Advanced Accounting Analysis and Techniques; Business Law 380, Law of Business; Finance 383, Financial Institutions and Financial Practices; Finance 382, External Factors in Business Decisions; Management 381, Production and Personnel Management; Marketing 381, Development and Organization of Marketing Institutions; Statistics 381K, Statistical Methods Applied to Business.

This amendment, classified by the Secretary as MINOR legislation, was unanimously approved by the GLC.

D. Changes in Prerequisites and Requirements for the Degree of Master of Journalism, Graduate Catalogue No. 5809, pages 50 and 51.

Reword the present statement of Prerequisites to read:

"An applicant for work towards this degree must hold a bachelor's degree meeting standards equal to one of the following: (1) a Bachelor of Journalism degree from The University of Texas; (2) a Bachelor of Arts degree from The University of Texas with not less than twenty-four semester hours of journalism, at least eighteen of which must be advanced; (3) a Bachelor's degree from an approved college or university which has included a minimum of twenty-four semester hours of Journalism, at least eighteen of which must be advanced, eighteen semester hours of English, and twelve semester hours in one other subject.

Reword the present statement of Requirements to read:

"For the degree of Master of Journalism thirty semester hours of senior or graduate instruction, approved in advance by the graduate adviser, are required. Eighteen semester hours must be in journalism or advertising, including six semester hours for the preparation of a thesis. At least twenty-one semester hours must be on the graduate level. In addition to the thesis course, Journalism 380 and 382 are required of all candidates for the Master of Journalism degree. (An exception may be approved by the graduate adviser in Journalism when the student has had a comparable course in another field, or when Journalism 380 and/or 382 will not be offered during the student's residency."

"A minor of twelve semester hours may be elected in one subject for which the student has the background for graduate work, or the student may be permitted to elect two minors each of six semester hours. Choice of a minor or minors must be approved by the graduate adviser and should be correlated with the objectives of the student's graduate program."

These changes, classified by the Secretary as MINOR Legislation, were unanimously approved by the GLC.

E. Creation of a Program leading to the Degree of Master of Science in Dentistry with concentration in (1) Oral Surgery and (2) Orthodontics (or Prosthodontics.)

The faculty of the Dental School of The University of Texas had proposed, the Committee on Courses and Degree Programs of the Graduate Council had studied and concurred, finally, the Graduate Council had recommended approval of the following program.

The Degree of Master of Science in Dentistry (M.S. in D.)

The degree of Master of Science in Dentistry is offered for graduate work beyond the D.D.S. or D.M.D. degree. It is offered for those who wish training beyond the regular dental curriculum in order that they may prepare themselves for careers in research, teaching or one of the specialties of dentistry.

Prerequisites.

1. The regular requirements for admission to the Graduate School and the degree D.D.S. (or D.M.D.) from The University of Texas or their equivalent.
2. At least a "B" average for the four-year undergraduate dental curriculum.
3. A demonstrated interest in scholarly achievement and evidence of capability to do work of high standard.

Requirements.

The candidate must complete at least 30 semester hours of basic science courses in addition to the clinical courses and clinical experience required for the various specialties.

Each candidate must work out a course of study in consultation with the graduate adviser in dentistry.

The length of the program will be a minimum of two academic years. This time will be roughly divided into one-third basic sciences, one-third clinical and one-third research and independent study.

Students may select Oral Surgery, Orthodontics, or Prosthodontics as a major. Those selecting Oral Surgery will spend one year in the basic science field plus two years in a hospital affiliated with The University of Texas Dental Branch.

DENTISTRYDegree RequirementsGeneral Prerequisites and Requirements.

For the Master of Science in Dentistry degree see pages \_\_\_\_\_.

Specific Requirements.

Students should choose as a major one of the following fields: Oral Surgery, Orthodontics, Prosthodontics.

Graduate Courses

(The material which follows is descriptive of the courses to be included in the program; the names of staff members at the Dental School are included only to indicate availability of the staff of instruction. If and when the program is approved for actual initiation, all material on graduate courses, and the names of the specific individuals to be designated to teach such graduate courses, must be resubmitted to the Committee on Courses and Degree Programs for subsequent approval by the Graduate Council.)

Basic ScienceAnatomy of the Head and Neck

This course offers integrated understanding of human anatomy in the head and neck and is based upon dissection of this area with correlated histological, oral histological and neuroanatomical study. 66 hours lecture, 99 hours laboratory. 6 semester hours credit.

(Dr. Browning, Dr. Perry, Dr. Yollick)

Biochemistry

This advanced course includes the chemistry of carbohydrates, lipids, proteins, digestion, absorption, metabolism, excretion, internal secretion, the tissues, human nutrition and effects of diet on the human body. 66 hours lecture, 99 hours laboratory. 6 semester hours credit.

(Dr. Beerstecher and staff.)

Biophysics

This course is designed to acquaint the advanced student with the principles of physics as applied to the explanation of biological phenomena, to study the effects of physical environmental agents on the biological materials of the oral cavity and the use of instruments to study these systems. The fields of mechanics, strength of materials, electricity, nucleonics, heat, surface phenomena, and optics are treated in a simplified mathematical approach. 66 hours lecture, 99 hours laboratory. 6 semester hours credit.  
(Dr. D'Anton and staff)

Dental Materials

This course is designed to provide the advanced student with a sound foundation in the chemical and physical properties of the various materials used in dentistry for the purpose of restoring lost dental and dental-supporting tissues of the mouth. Analyses will be made concerning these physical and chemical properties in relation to biologic fitness and clinical applicability of the various dental materials. 66 hours lecture, 99 hours laboratory. 6 semester hours credit.  
(Dr. D'Anton and staff)

Microbiology

This course is designed for the graduate student. Microorganisms are considered from the standpoint of their relationship to the body in general, and to the oral cavity in particular, in both health and disease. The course emphasizes microbiological principles involved in the diagnosis and treatment of disease. It presents the fundamentals of these principles and their application. 66 hours lecture, 99 hours laboratory. 6 semester hours credit.  
(Dr. Nolte and staff)

Pathology

This course is designed to provide the advanced student with the foundation in pathology necessary to a career of research, teaching or specialty practice. The tissue reactions of people and animals, as a response to their external and internal environment, will be studied in such a way that the concept of "individuality" will be maintained. Knowledge will be integrated around the theme of dental disease. 66 hours lecture, 99 hours laboratory. 6 semester hours credit.  
(Dr. Arnim, Dr. Sanders, Dr. Levy and staff)

Pharmacology

This advanced course consists of pharmacodynamics and the mechanism of drug action on normal physiological processes including theories seeking to explain these actions with particular emphasis on cardiovascular and autonomic systems. 66 hours lecture, 99 hours laboratory. 6 semester hour credit.  
(Dr. Tullar and staff)

Physiology

This advanced course includes a detailed study of the nervous, digestive, circulatory, respiratory, and endocrine systems. Laboratory experiments and seminars emphasize principles of respiration, hemodynamics, and peripheral circulation. 66 hours lecture, 99 hours laboratory. 6 semester hours credit.  
(Dr. Smith and staff)

Seminar

A seminar involving the various basic science fields. Meets 1 hour per week throughout the school year. No credit.  
(Basic Science staff)

Thesis

(Dr. Arnim, Dr. Beck, Dr. Beerstecher, Dr. Browning, Dr. Cattoni, Dr. D'Anton, Dr. Hinds, Dr. Levy, Dr. Lyon, Dr. Nolte, Dr. Smith, Dr. Tullar, Dr. Westfall)

Clinical SciencesBiostatistics

A study of the elements of biostatistics as related to dental research. 1 hour per week for 1 semester.  
(Miss MacDonald)

General Anesthesia for Oral Surgery

This includes lectures, conferences and clinical demonstrations of the agents, methods and physiology of general anesthesia with particular emphasis on the application to oral surgery. 20 hours per week for 12 weeks (240 clock hours.)  
(Dr. Hinds and staff)

Oral Surgery - Diagnosis and Therapy

Lectures with demonstration of actual cases chosen at intervals. Subject material will include clinical conditions involving the general area of the maxilla and mandible and methods of diagnosis and management with particular reference to surgical management. 1 hour per week for 1 semester.  
(Dr. Hinds and staff)

Oral Surgery Seminar

A participation group discussion of clinical problems in oral surgery and the application of the basic sciences, including both theory and discussion of actual cases. 1 hour per week for 2 semesters.  
(Dr. Hinds and staff)

Orthodontics (Lecture)

A study of the principles of case analysis and treatment planning involving both the adult dentition and mixed dentition. 2 hours per week for 4 semesters.  
(Dr. Westfall and staff)

Orthodontics (Laboratory)

A laboratory course in the design and fabrication of appliances for orthodontic treatment. 2 hours lecture, 6 hours laboratory per week for 2 semesters.  
(Dr. Westfall and staff)

Orthodontic Seminar

Review and reports of current literature. Discussion of the principles of diagnosis and treatment and their application to the practice of orthodontics. 2 hours per week for 4 semesters.  
(Dr. Westfall and staff)

Orthodontic Clinics

Students are assigned representative cases to be treated. 24 months.  
(Dr. Westfall and staff)

Physical Diagnosis (Internal Medicine)

Lectures, conferences and clinical demonstration including ward rounds, emphasizing the physical findings and characteristics of generalized disease processes, utilizing in-patients as well as out-patients.  
(Dr. Hinds and staff)

Periodontia

This course includes lectures, clinic work, library research and seminar on the prevention, diagnosis and treatment of periodontal diseases. Special emphasis is placed on the problems of occlusion and the protection of the soft tissues and bone support on the designing of prosthetic appliances. The correlation between periodontal health and function will be stressed and splinting of teeth with ex-

treme periodontal involvement will be covered. 1 hour per week for 2 semesters.

(Dr. M. Cattoni and staff)

#### Prosthodontics Seminar

Discussion of the principles of complete and partial denture prosthesis. Review of literature pertaining to this field is included. Treatment planning for selected patients will be discussed. 2 hours per week for 4 semesters.

(Dr. Beck and staff)

#### Maxillofacial Somato-prosthesis Clinics

Attendance at the Head and Neck Clinics of an affiliated hospital will be required where patients with head and neck lesions are examined, diagnosed and treatment planning is discussed. Time to be arranged.

(Dr. J. B. Drane and staff)

#### Prosthodontic Clinics

Students are assigned fully equipped clinical facilities where they will personally conduct the diagnosis and treatment of cases. All types of articulators are provided to broaden the knowledge of the various techniques used in complete denture service. An opportunity will be provided to help in the construction of a number of prosthodontic appliances in the various clinics of the Dental Branch. Time to be arranged.

(Dr. H. O. Beck and staff)

#### Prosthodontics, Fixed

A study of fundamental principles in the application of various forms of crown and fixed partial dentures. The anatomical characteristics of the teeth and their supporting tissues are studied to acquaint the individual with the ability of individual teeth to withstand stresses incident to their use as bridge abutments. Types of retainers with their indications and contra-indications. 1 hour per week for 2 semesters.

(Dr. D. M. Lyon and staff)

#### Radiology, Cephalometrics

Study of the principles of cephalometrics and their application to orthodontic diagnosis and treatment. 1 hour lecture, 3 hours laboratory per week for 2 semesters.

(Dr. Westfall, Dr. Bradel)

#### Radiology, Dental

This course deals with the technique and interpretation of the intra-oral and extra-oral roentgenograms. The fundamentals and physical foundation of X-ray theory will be covered with a special emphasis on X-ray hazards. Roentgenographic study of the temporomandibular joint and interpretation of cephalometric radiography as an aid in prosthetic problems will be presented. Students will engage in clinical work and round table discussion for interpretation and diagnosis. 1 hour per week for 1 semester.

(Dr. Bradel and staff)

#### Radiology, General

By lecture, conference, individual discussion and demonstration, the theory and technique of general radiology will be taught including general X-ray diagnosis with particular attention to the head and neck area and hazards of radiation and radiotherapy. 20 hours per week for 4 weeks (80 clock hours.)

(Dr. Vincent Collins and staff)

Professor Breland directed attention to the fact that only sixty semester hours were required for admission to the School of Dentistry. He expressed the opinion that a precedent might be in the making if the four-year dental degree program was to be evaluated as completing the requirements in the usual bachelor's degree programs. He believed that it might be well to create an undergraduate plan for pre-dental students (similar to Plan IV, Scheme II for premedical students) and, perhaps, to require this background for the applicants for the M.S. in D. degree. The Secretary pointed out that it was not within the jurisdiction of the GLC to propose undergraduate degree programs; it is legal, however, to set down specific course requirements (undergraduate and/or graduate) among the prerequisites for a master's degree.

Dean Harrison discussed at some length the very real differences which are recognized quite broadly among medical school faculties between advance training in clinical areas and the bona fide academic study and instructions in the basic medical science areas. He wondered, therefore, whether the same degree of difference was recognized to exist in the dental area.

Doctor Casberg, in reply, said that he had had an initial antagonism to granting graduate school degrees for programs, part of which was clinical work, in dentistry. After a very detailed study of the facts, and of the national trend in dental education, he had come to be wholly sympathetic to this program which might facilitate production of personnel for instruction in dental schools. He pointed out that 80 per cent of all dental schools do offer this type of training and degree; our School of Dentistry actually is authorized to grant this degree without need for any Graduate School supervision or approval. The fact that the dental faculty wish to submit the program to the Graduate Faculty seems to insure a better program and higher standards; hence, he expressed a hearty approval of the program.

Professor Guest requested interpretation of whether the thesis, required in this program, was limited to work in the basic science area. Opinion was that the thesis work should be primarily in this area but, of course, should not exclude clinical data growing out of the investigation within the basic science fields.

The program for the Degree of Master of Science in Dentistry, classified by the Secretary as MAJOR Legislation, was unanimously approved by the GLC.

F. Changes in the text of Graduate Catalogue No. 5809, pages 59-60, and 299-302 of the degree of Master of Architecture (with an interdepartmental major in Community and Regional Planning); Creation of a Program leading to the Degree of Master of Science in Community and Regional Planning.

The faculty of the School of Architecture had submitted a number of changes in the Graduate Catalogue. Effectively, these changes segregate from the presently approved program, leading to the Degree of Master of Architecture, work permitted as an interdepartmental major in community and regional planning; the work thus deleted from the Master of Architecture degree is reorganized to create a program leading to the Degree of Master of Science in Community and Regional Planning.

The following table reflects the changes from the present catalogue statements to that proposed.

<u>PRESENT</u>	<u>PROPOSED</u>
Catalogue No. 5809, p. 59:	
1. The Degree of Master of Architecture (M. Arch.)	1. The Degrees of (1) Master of Architecture (M. Arch.) and (2) Master of Science in Community and Regional Planning (M.S. in C.P.)

## PRESENT

## PROPOSED

2. P. 59, paragraph 2x of this Degree: Graduate Students qualified for Architecture 480P, etc...

3. P. 60 below last paragraph of this degree.

4. P. 60, paragraph 3, Required routine, including application for degree.

5. P. 299, Degree Requirements.

2. Omit whole paragraph.

Add: The Degree of Master of Science in Community and Regional Planning (M.S. in C.P.) Prerequisites.--This Degree is offered primarily to students with a background in Architecture, Engineering, Sociology, Economics, Government, Geography, or Agricultural Economics. The applicant must hold a bachelor's degree from The University of Texas or an equivalent degree from an approved institution and must meet the requirements for admission to the Graduate School. In addition to these general prerequisites, the student must have satisfied specific prerequisites or their equivalents directly related to the planning area totaling 24 semester hours prior to admission to candidacy. The Master of Science in Community and Regional Planning Degree requirements shall include a core of graduate seminars, internship, and thesis totaling 24 semester hours.

Minor. A required minor of 12 semester hours of additional graduate work in the general or specialized planning area and approved by the Interdepartmental Graduate Studies Committee in Community and Regional Planning.

4. Required routine, including application for Planning Degree. (see page 41.)

The graduate student should confer before or at the time of his registration with the Chairman of the Interdepartmental Graduate Studies Committee in Community and Regional Planning in order to outline a work program and obtain approval from the Inter-Departmental Graduate Studies Committee in Community and Regional Planning. Three final copies of the thesis, instead of two, must be submitted to the Dean of the Graduate School.

5. Degree Requirements for the Master of Architecture.

- P. 299, paragraph 2 of Degree Requirements: Students who wish to work. Omit this whole paragraph.
- P. 301: 480P, Planning Internship. Omit paragraph.
- P. 302: 283P, Seminar on the Planning Process; 687P, Community Planning Research; 698P, Thesis. Omit all of these paragraphs.
6. P. 302: below 698, Thesis. 6. Add the following: Degree requirements for the Degree of Master of Science in Community and Regional Planning. General prerequisites and requirements.--see pages 59 and 60. Specific prerequisites and requirements.--  
Students who wish to work toward the degree of Master of Science in Community and Regional Planning must have satisfied the following prerequisites or their equivalents as approved by the Inter-Departmental Graduate Studies Committee in Community and Regional Planning:  
Arc. 359 K & L, Arc. 380, Gov. 345, Soc. 346, Soc. 347, Soc. 375 K & L, prior to admission to candidacy.

Required Graduate Courses and Seminars (or equivalents.)

480P. Planning Internship.--At least three months of University supervised work in an approved planning agency, with monthly reports. Prerequisite: Graduate standing and consent of instructor. Twenty-four hours of approved advanced work must have been included in architecture, sociology, and related fields. Mr. Leipziger-Pearce.

283P. Seminar on the Planning Process.--Problems and sources of data; theory and practice of forecasting social and economic developments. Prerequisite: Graduate standing. Twenty-four hours of approved advanced work must have been included in architecture, sociology, and related fields. Two lectures a week for one semester. Mr. Leipziger-Pearce.

687P. Community Planning Research: Design and Analysis.--Analysis of communities and their natural regions from all social, economic, and physical angles; relation of neighborhoods, community centers, and other elements to the community structure. Prerequisite: Graduate standing and consent of instructor. Twenty-four hours of approved advanced work must have been included in architecture, sociology, and related fields. Eighteen laboratory hours a week for one semester. Laboratory fee, \$4. Mr. Leipziger-Pearce.

698P. Thesis.--Prerequisite: Graduate standing and consent of Inter-departmental Committee on Graduate Studies in Community and Regional Planning. Members and Associates of the Graduate Faculty.

Gov. 397K. Conference Course in Political Science. Graduate staff. Prerequisite: 24 hours in government or related fields, graduate standing, and consent of the graduate adviser of the departments.

Soc. 380. Research Problems.--May be repeated for credit. Prerequisite: Twelve hours of advanced sociology, graduate standing, and consent of the Chairman of the Department. Mr. Belknap, Mr. Bowman, Mr. Firey, Mr. Gettys, Mr. Moore, Mr. Rosenquist, Mr. Sjoberg, Mr. Sutherland.

Professor Leipziger-Pearce stated that this program with its interdepartmental major, had been in existence locally since 1951. The present trend is to recognize the area of community and regional planning; this is particularly true in Texas and appears to be an outgrowth of the Gilmer-Aikin bill in providing increased and enlarged instruction in this field. Some twenty-seven schools and colleges now have this program leading to the Master of Science Degree; he believed it desirable to increase the dignity of the interdepartmental major by constituting the separate degree program.

The Secretary stated that it was his opinion that these changes might be separated into (1) deletions in the present Master of Architecture program (which he could classify as minor legislation) and creation of a new degree program (which obviously must be classified as major legislation.) Director Creer and Professor Leipziger-Pearce expressed their preference for the changes as proposed.

These modifications in the Graduate Catalogue, for a Degree of Master of Science in Community and Regional Planning, now listed under the Master of Architecture Degree program as an interdepartmental major in Community and Regional Planning, which have been classified by the Secretary as MAJOR legislation, were unanimously approved by the GLC.

Notice: As required by the Rules of the Graduate Legislative Council, Dean ad interim Hackerman, gave notice that the next regular meeting of the GLC, scheduled for April 27, is the required annual meeting. An order of business for the annual meeting is the election of a Secretary for the GLC (who serves also as Secretary of the Graduate Faculty and as a voting member of the Graduate Council.) Professor Hackerman stated that he would appoint promptly a special committee to make recommendation of a graduate faculty member to serve in this position.

The Graduate Legislative Council adjourned at 3:15 P.M.

Henry R. Henze, Secretary  
Graduate Legislative Council

(Biennial primary elections for membership in the Graduate Legislative Council are scheduled for the third Tuesday in April; final elections will be held on the second Tuesday in May.)

Distributed among the members of the Graduate Faculty April 7, 1959.

DOCUMENTS AND PROCEEDINGS OF THE GRADUATE LEGISLATIVE COUNCIL  
MEETING OF THE GRADUATE LEGISLATIVE COUNCIL  
THE UNIVERSITY OF TEXAS

APRIL 27, 1959

The regular annual meeting of the Graduate Legislative Council for the Session of 1958-1959 was held on Monday afternoon, April 27, 1959, at 2:00 P.M. in O.L.B. 107, with Dean ad interim Hackerman, presiding.

ATTENDANCE

Present: Deans Burlage, Duncan, Hackerman, Harrison, Hagerty, Olsen, Vice-President Casberg. Professors F. J. Adams, R. C. Anderson, D. K. Brace, O. P. Breland, T. N. Campbell, A. H. Chute, M. M. Crow, J. E. Davis, R. F. Dawson, E. F. Haden, A. N. Jones, H. Leipziger-Pearce, J. J. McKetta, D. L. Miller, H. J. Otto, Miss L. L. Pederson, J. W. Reynolds, C. M. Rosenquist, V. T. Schuhardt, W. S. Stone, A. W. Straiton, M. Van Winkle, J. A. White, R. Willard.

Absent: Professors H. C. Blodgett, R. R. Douglass (represented by E. Stallmann), M. M. Guest (excused), L. U. Hanke (on leave), C. W. Horton, D. C. Reddick (excused), E. S. Redford (on leave), H. Rehder (on leave), D. Stanislawski (on leave), W. F. Verwey (excused), G. W. Watt.

MINUTES OF THE MEETING OF MARCH 23, 1959

The minutes of this meeting were approved as distributed.

REPORT OF THE SECRETARY

The Secretary reported that two items of major legislation, approved by the GLC on March 23, 1959, had been circulated to the members of the Graduate Faculty. Since no request for reconsideration was made, the following items, therefore, have been forwarded to the Office of the President:

- A. Creation of a Program leading to the new degree of Master of Science in Dentistry.
- B. Changes in the Program leading to the Degree of Master of Architecture and  
Creation of a Program leading to the new degree of Master of Science in Community and Regional Planning.

The Secretary also reported that the initial balloting by members of the Graduate Faculty to create a panel for nominations for membership in the GLC for the period 1959-1961 had been completed. The final preferential balloting would take place early in May.

SELECTION OF A SECRETARY OF THE GRADUATE LEGISLATIVE COUNCIL FOR THE PERIOD SEPTEMBER 10, 1959 - SEPTEMBER 9, 1960.

Dean Hackerman read the report of a Special Committee (Professors Breland, Reddick and Reynolds), appointed to nominate a Secretary of the GLC for the next school year, which offered the name of Professor H. R. Henze for this position. No other nominations were made, and the present incumbent was re-elected for another term.

MATTERS RECOMMENDED BY THE GRADUATE COUNCIL

- A. To edit the Graduate Catalogue No. 5809 wherever the wording Aeronautical Engineering appears in the designation of the department, field of study, and/or program of study,  
  
delete Aeronautical Enginnering  
  
replace by Aero-Space Engineering

This item, classified by the Secretary as minor legislation, was passed unanimously.

B. Changes in Course Requirements under the Degree of Doctor of Philosophy, Graduate Catalogue No. 5809, pages 35-36, Section 5.

PRESENT STATEMENT	PROPOSED STATEMENT
<p>The degree of Doctor of Philosophy is not based on any enumeration of courses or any computation of time. The degree represents not a specified amount of work covering a specified time but the attainment of independent and comprehensive scholarship in a selected field. Students will usually find that at least three full academic years of graduate work are necessary. A candidate for a doctoral degree must be registered during the semester in which he receives the degree.</p>	<p>No change.</p>
<p>A candidate for the degree of Doctor of Philosophy is expected to have a major field which represents his most intensive field of study. This field may coincide with one department, or it may be one significant part of a department, or it may be a field which cuts across several departments.</p>	<p>A candidate for the degree of Doctor of Philosophy is expected to have a major area which represents his most intensive field of study. This field may coincide with one department, or it may be one significant part of a department, or it may cut across several departments.</p>
<p>A student is expected to have one or two minors. Except by special permission of the Graduate Council, at least one minor must be in a department distinct from the major department but so closely related to it as to offer support for the work of the major subject. There is no general requirement about the exact fraction of work to be done in the major as distinct from the minor subject or subjects. The division of the work between the major and minor subjects and the total amount of work in each field is in the hands of the supervising committee as approved by the Dean.</p>	<p>Each candidate will take, in addition to work in his major field, all appropriate work needed to support his studies and research. Such "supporting work" is defined as any work needed by the candidate in the pursuit of his major interests; it may be course work on any level, it may lie in one department or several departments, it may be conference, laboratory, or problems work, or it may be any activity deemed to be relevant to the candidate's major interest. Some portion of such supporting work will normally be outside the major department. Exceptions to this are possible only with specific approval of the Dean of the Graduate School</p>
	<p>The Committee on Graduate Studies of each academic area, with the advice of such supervising committees as may have been appointed, is charged with the responsibility of requiring of each candidate under its jurisdiction all appropriate work for the Ph.D. degree, both in the major field and in supporting areas. In each case the student's academic interests will be the primary consideration of the Committee on Graduate Studies. Every degree program must be approved by the Dean of the Graduate School.</p>
	<p>Formal examinations, except the usual course final examinations, will not be required in supporting fields except in cases where either the appropriate Committee on Graduate Studies or the supervising committee of the candidate may request the Dean of the Graduate School to require such examinations.</p>

A general discussion revealed considerable interest in the best method for advising a graduate student during the very early period of formulating his graduate program. Professor Graham (Chairman of the Special Committee appointed by the Graduate Council to study the advisability of revision of the prerequisites for the Ph.D. Program) emphasized the responsibility of the Graduate Faculty in each area of instruction, through an appropriate Committee on Graduate Studies, on the one hand to provide broad programs within which the needs and interests of the individual student could be cared for, and, on the other hand, to uphold high standards of scholarship. The proposed changes give to a Committee on Graduate Studies authority to delegate power to an individual professor, a graduate adviser, or a supervisory committee, and provide sufficient flexibility to meet the needs of all areas within the Graduate School. Dean Hackerman answered questions (Deans Harrison and Duncan) concerning candidates, chiefly in the medical science areas, where the number of graduate faculty is insufficient to warrant creation of a local Committee on Graduate Studies, by stating that such persons would, as at present, be cared for on an individual basis.

This item, classified by the Secretary as MAJOR legislation, was passed unanimously.

C. Changes in Graduate Catalogue No. 5809, page 36, Section 6, under Examinations in Foreign Languages:

PRESENT STATEMENT	PROPOSED STATEMENT
<p>By the beginning of a student's last full year of graduate work (or at least two full years if the department so specifies), he must have passed examinations that exhibit a reading knowledge of both French and German and any other language required by the candidate's supervising committee, except that students whose research requires another language may substitute that language for either French or German, with the approval of the supervising committee and the Dean.</p>	<p>By the beginning of a student's last full year (or the equivalent) of graduate work, he must pass examinations to demonstrate a satisfactory reading knowledge of at least two foreign languages designated by the appropriate Committee on Graduate Studies and approved by the Dean of the Graduate School as pertinent to the student's major program. Only languages with a recognized scholarly literature in the student's major field will be acceptable.</p>
<p>The language examinations will be given with the permission of the Dean by representatives of the foreign language departments concerned. Students should consult the representatives of the foreign language departments at the beginning of their graduate study here in order to get instruction concerning the requirements of the examination. These examinations must be taken in residence at the Main University.</p>	<p>On recommendation of the appropriate Committee on Graduate Studies, and with the approval of the Dean of the Graduate School, a candidate may substitute for a reading knowledge of two foreign languages a satisfactory speaking and reading competence in one foreign language pertinent to his major area.</p>
<p>The candidate will be expected to read publications in his major field of study.</p>	<p>On behalf of an individual student, the appropriate Committee on Graduate Studies may petition the Dean of the Graduate School for the substitution of some other advanced scholarship skill for one of the two required foreign languages. Approval of such substitution will not be given in instances where the scholarship skill may be considered a normal part of the student's academic development.</p>
	<p>Unchanged.</p>
	<p>Unchanged.</p>

Professor Rosenquist expressed the belief that special knowledge in a relatively uncommon language might warrant approval granted that this language was obviously pertinent to the proposed dissertation topic. In answer to a question by Professor Van Winkle, Professor Hackerman ruled that a foreign student would not be permitted to present English as one of the two foreign languages, but might submit his own language (when suitable) in ab-solution of the foreign language requirement. Dean Hagerty requested an example of "an advanced scholarship skill" which might be substituted for one foreign language. Dean Hackerman's suggestion of very advanced mathe-matics appeared to have rather general support.

This item, classified by the Secretary as MAJOR legislation, was approved unanimously.

D. Changes in Graduate Catalogue No. 5809, page 35, Section 4,  
Supervising Professor:

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PRESENT STATEMENT

In each department that gives major work for the doctor's degree, registra-tion for course number 699 is regis-tration for a doctoral dissertation. Sometime after the student has been admitted to candidacy, he should select one of the supervising professors listed under the dissertation course in his department. This supervising professor will be in charge of the student's doctoral dissertation and will become chairman of the student's supervising committee for the doctor's degree. The preliminary planning of the student's program will be in the hands of the graduate adviser and the major department or committee until the supervising professor has approved the student's proposed project of work for the dissertation. The next planning of the student's work will be in the hands of the supervising professor and the Dean. As soon as the main outlines of the student's graduate work have been planned, the student should submit a Record of Work for the Doctor's Degree. A form for this record may be secured from the office of the Dean of the Gradu-ate School.

After the Record of Work has been received by the Dean, a supervising committee will be appointed by him with the student's supervising pro-fessor as the chairman of the com-mittee. Thereafter, the student's supervising committee has the respon-sibility for guiding the student and for approving or rejecting the work presented by the candidate for the degree.

After a general discussion demonstrating the interest of the council mem-bers to safeguard the right of the graduate student to select a qualified member of the staff of instruction, even though the latter had not as yet become a member of the graduate faculty, to direct the doctoral topic of investigation, this item, which had been classified by the Secretary as MAJOR legislation, was passed unaimously.

NOTE: Items B, C, and D, will be circularized among the members of the Graduate Faculty for their consideration.

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PROPOSED STATEMENT

In each department that gives major work for the doctor's degree, registra-tion for course number 699 constitutes registration for the doctoral disserta-tion. Before a student is admitted to candidacy, the planning of his program will be in the hands of the Committee on Graduate Studies of his major area, and this committee will provide guidance for the student until his supervising com-mittee is appointed. A supervising committee will normally consist of from three to five members drawn chiefly from the candidate's major area. After the student has been admitted to candidacy, he should select one of the supervising professors listed under the dissertation course in his department; under pre-scribed conditions, as associate of the graduate faculty, or others who may be qualified by specific approval of the Graduate Council, may be authorized to supervise a specific dissertation. This supervising professor will be in charge of the candidate's doctoral disserta-tion and will become chairman of his supervising committee for the doctor's degree. It will be the responsibility of this supervising committee to see that all requirements are satisfied in the major field and the supporting areas recommended for the candidate by his Committee on Graduate Studies. Satis-factory completion of the candidate's program requires final approval by the Dean of the Graduate School.

THE UNIVERSITY OF TEXAS  
Office of the President  
Austin

June 12, 1959

TO THE HONORABLE BOARD OF REGENTS  
OF THE UNIVERSITY OF TEXAS

Mrs. Devall and Gentlemen:

I am submitting herewith for your approval travel items for Central Administration personnel as well as travel supplements for those component institutions that have submitted them.

1. Mr. L. D. Haskew, Vice-President for Developmental Services, May 12-14, 1959, to Washington, D. C., for conferences with officials of the National Science Foundation regarding fiscal policies on NSF grants and also to appear before the House of Representatives Committee on Interstate and Foreign Commerce to testify regarding the University's interest in educational television, expenses to be paid from travel funds of the Office of the President.

2. Mr. Joseph H. Culver, Director, Office of Workmen's Compensation Insurance and Other Staff Benefits, June 28-July 2, 1959, to Charlottesville, Virginia, to attend the annual conference of The College and University Personnel Association, expenses to be paid from travel funds of the Office of Workmen's Compensation Insurance and Other Staff Benefits.

Sincerely yours,



Logan Wilson

OFFICE OF THE BOARD OF REGENTS

MEMORANDUM

DATE.....

TO: Main University Docket -

FROM:

SUBJECT: *Return P*  
~~Appointment Notices and Letter of Revision to Dean McCown also memo (M09)~~  
~~Clippings 35, 36, 42, 60, 61~~  
~~Documents 33~~  
~~& contract documents checked off pp. 24 and 25~~  
~~and file 24 and 35~~  
~~Eugene Nelson 35 and 36 and attachments~~  
~~Hulton Black 25-33~~  
~~Helen Harrison 53-60~~  
 Get Documentation P. 61 and 62 on Humanities Research Center (Bibliography etc.)  
~~Thank you letters pp. 61 and 62~~

*Lack doc. on P. 61  
 (Library Collection)*



*for*  
~~57~~  
~~63~~  
~~82~~  
~~83~~  
~~84~~

THE UNIVERSITY OF TEXAS  
Office of the Vice-President and Provost  
Main University  
Austin

May 29, 1959

Dr. Logan Wilson, President  
The University of Texas  
Austin, Texas

Dear President Wilson:

The following docket for Main University is submitted for your approval and submission to the Board of Regents at its meeting in Austin on June 12 and 13, 1959.

1958-59 Budget

Testing and Counseling Center

1. Grant Miss Elsie J. Dotson, Psychologist III at \$7,250 for twelve months, a leave without salary for the period June 22-August 14, 1959. (3548)

Longhorn Band

2. Extend the appointment of Mr. Vincent R. DiNino, Director, through June and July, at a total additional stipend of \$1,357, funds to come from Unallocated Salaries. (3290)

Official Publications

3. Grant Miss Louise Barekman, Editor, Official Publications, at \$6,168 for twelve months, a leave without salary for the period July 14-August 27, 1959. (3600)

Miscellaneous General Expenses

4. Increase the item for Attendance at Professional Meetings by \$2,500 from Main University Unappropriated Balance. (3346)

College of Arts and Sciences

Botany

5. Cancel the Second Semester research leave for Mr. Ralph E. Alston, Assistant Professor at \$5,500 for nine months, returning him to full-time teaching for that period. (3512)

English

6. Increase the account for Teaching Assistants by \$9,000 from Unallocated Teaching Assistants. (3287)

Geology

7. Increase the account for Teaching Assistants by \$8,800 from Unallocated Teaching Assistants. (3289)

Mathematics and Astronomy

8. Extend the leave without salary of Mr. H. S. Vandiver, Professor (Modified Service) at \$4,320 for nine months, for the period May 1-June 15, 1959. (3558)

Physics

9. Transfer \$6,500 from the account for Teaching Assistants to the account for Assistants. (3288)

1958-59 Budget (continued)  
College of Arts and Sciences (continued)  
Psychology

10. Change the appointment of Mr. H. C. Blodgett, Professor at \$9,300 for nine months, to three-fourths time for the Second Semester to enable him to continue research projects at Radiobiological Laboratory. (3380)

11. Grant Mr. W. H. Brentlinger, Assistant Professor at \$5,000 for nine months, a leave without salary for the period April 1-June 15, 1959. (3503)

12. Grant an additional \$300 for Dr. Jane Mouton, Instructor at \$5,000, for the Second Semester only since she is taking over Mr. Brentlinger's work, funds to come from unused and/or Unallocated Salaries. (3534)

Zoology

13. Transfer \$221.44 from Maintenance and Equipment to Research in Zoology, Maintenance and Equipment. (3638)

College of Business Administration

Business Services

14. Appoint the following as Lecturer for the Second Semester at the fraction of time and total stipend indicated, funds to come from Lecturers item and Unallocated Salaries:

Harry Vine III	\$2,250 (3317)
Sidney Eugene Purser (2/3)	1,500 (3316)

Finance

15. Appoint Mr. Byron Cosby as Professor for the Long Session at \$12,000 for nine months, \$9,000 of this amount to come from Unallocated Unfilled Positions and \$3,000 from a grant from Texas Life Convention.

College of Education

Educational Administration

16. Accept the resignation of Mr. R. L. Mills, Professor and Chairman at \$9,200 for nine months, effective at close of business May 8, 1959, since he is accepting the presidency of Georgetown College. (3614)

17. Appoint Dr. H. J. Otto as Acting Chairman for the period May 10-June 15, 1959. (3632)

College of Engineering

Civil Engineering

18. Accept the resignation of Mr. Frank G. Bryant, Assistant Professor at \$5,600 for nine months, effective at close of business January 31, 1959. (3354)

Engineering Mechanics

19. Appoint Mr. M. J. Thompson as Acting Chairman, effective April 1, 1959, vice Mr. Volterra. (3466)

Mechanical Engineering

20. Remove from the budget the name of Mr. B. F. Treat, Associate Professor at \$7,500 for nine months, effective at close of business March 13, 1959, the day of his death. (3401)

21. Appoint Mr. Munir R. El-Saden as Assistant Professor for the period April 1-June 15, 1959, at a total stipend of \$1,750, funds from unused and/or Unallocated Salaries. (3500)

College of Fine Arts

Music

22. Accept the resignation of Mr. John McGrosso, Assistant Professor on leave, effective at close of business March 20, 1959. (3428)

23. Transfer \$150 from Maintenance and Equipment to Fine Arts Projects Fund, Dean's Office. (3689)

1958-59 Budget (continued)  
College of Fine Arts (continued)  
Music (continued)

24. Transfer \$1,000 from Maintenance and Equipment to Student Opera Production Fund, Dean's Office. (3607)

College of Pharmacy

25. Appoint Mr. Luther R. Parker as Lecturer, Assistant to the Dean of the College of Pharmacy (one-third time) (twelve months) and Director of Pharmacy Extension Service (two-thirds time) (twelve months) at an over-all full-time rate of \$7,468 for twelve months, effective April 1, 1959, funds in both divisions to come from unused and/or Unallocated Salaries. (3359)

Unallocated Accounts

26. Increase the Maintenance and Equipment account by \$20,000; \$10,000 to come from Unallocated Salaries and \$10,000 from Tuition Scholarships for Resident Students. (3698) (3526)

1959 SUMMER SESSION (Nine weeks unless otherwise stated)

College of Arts and Sciences

Anthropology

27. Accept the resignation of Mr. William Madsen, Assistant Professor at \$1,400. (3544)

28. Appoint Mr. S. C. Oliver as Instructor at \$1,125 for the session, funds available within the departmental budget. (3544)

Botany

29. Change the appointment of Mr. B. L. Turner, Assistant Professor, from three-fifths to half-time at \$800. (3666)

Chemistry

30. Accept the resignation of Mr. P. S. Bailey, Professor (half-time) at \$1,062. (3682)

English

31. Accept the following resignations:

Professor

M. M. Crow (3631)	\$2,250
C. L. Cline (3545)	2,125
Leo Hughes (3552)	2,125

Associate Professor

W. O. S. Sutherland, Jr. (3545)	\$1,575
J. A. Walter (changed to full-time) (3619) (3545)	1,500

Assistant Professor

Hazard S. Adams (3545)	\$1,575
Edwin T. Bowden (3545)	1,575

Instructor

John L. Barroll, III (3545)	\$1,400
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32. Approve the following appointments, funds available in departmental budget:

Assistant Professor

Americo Paredes (3545)	\$1,375
Lois P. Ware (3545)	1,250

Instructor

Robert O. Stephens (3576)	\$1,250
Richard D. Lehan (3628)	1,250

1959 Summer Session (Nine weeks unless otherwise stated) (continued)  
College of Arts and Sciences (continued)  
English (continued)

33. Change the following from half- to full-time at the stipend indicated, additional funds to come from the departmental budget:

Assistant Professor		
W. T. Conklin (3545)		\$1,375
Lucetta J. Teagarden (3545)		1,250

Geology

34. Accept the resignation of Mr. L. F. Rooney, Assistant Professor at \$1,000 from the June 8-July 20 Field Course. (3639)

Government

35. Accept the resignation of Mr. R. F. Bunn, Instructor (half-time) at \$625. (3551)

36. Change the appointment of Mr. J. R. Soukup, Instructor, from half-time at \$625 to full-time at \$1,250, additional funds to come from salary of Mr. Bunn, resigned. (3551)

History

37. Accept the resignation of Mr. W. P. Webb, Professor (modified service) at \$1,450. (3588)

Mathematics and Astronomy

38. Appoint Mr. Frank N. Edmonds, Associate Professor (Astronomy) at a total stipend of \$2,000, funds to be supplied from the Excellence Program, Faculty Research Assignments. (3334)

39. Accept the resignation of Mr. Robert E. Greenwood, Professor at \$1,950. (3618)

Philosophy

40. Appoint Mr. Frederick H. Ginascol, Associate Professor, as Acting Chairman instead of Mr. D. L. Miller, Professor. (3565)

41. Accept the following resignations:

Assistant Professor		
John R. Silber (3629)		\$1,550
Instructor		
Clyde Hardin (3630)		1,250

42. Change the appointment of Mr. D. L. Miller, Professor, from half- to full-time at a salary of \$2,250, additional funds available in the departmental budget. (3629)

43. Appoint Mr. Fred William Hagen as Instructor at \$1,250, funds to come from funds available in the departmental budget. (3664)

Psychology

44. Accept the following resignations:

Assistant Professor		
Bert Forrin (3635)		\$1,450
Robert K. Young (3635)		1,350

45. Approve the following appointments, funds to come from unused funds in the departmental budget plus \$75.00 from Summer Session Unappropriated Balance:

Professor		
Fillmore H. Sanford (3635)		\$2,250
Instructor		
George Moushegian (half-time) (3635)		625

1959 Summer Session (Nine weeks unless otherwise stated) (continued)  
College of Arts and Sciences (continued)  
Romance Languages

46. Accept the following resignations:

Associate Professor		
Randolph A. Haynes	(3672)	\$1,500
Assistant Professor		
Miguel Enguidanos	(5/6 T) (3464)	1,354
Jean D. Charron	(5/6 T) (3465)	1,145
Joseph H. Matluck	(2/3 T) (3705)	882

Sociology

47. Accept the resignation of Mr. Reece J. McGee, Assistant Professor (half-time) at \$812. (3621)

48. Change the appointment of Mr. Harry E. Moore, Professor, from half- to full-time at a salary of \$2,000, additional funds to come from unused salaries plus \$188 from the Summer Session Unappropriated Balance, and appoint him as Acting Chairman instead of Mr. Reece McGee, Executive Secretary. (3620)

Zoology

49. Delete the (a) footnote reference after the salary of Mr. C. P. Oliver, Professor.

50. Appoint Mr. Austin Phelps as Associate Professor (two-thirds time) at \$1,000, funds to come from unfilled position. (3543)

Physical Training for Men

51. Appoint Mr. Joe C. Bowling as Special Instructor for the period June 1- July 3, 1959, at a total stipend of \$783, funds to come from non-student class fees. (3594)

College of Business Administration

Accounting

52. Accept the resignation of Mr. Robert E. Linde, Assistant Professor (half-time) at \$713. (3641)

53. Accept the resignation of Mr. Robert E. Seiler, Assistant Professor at \$1,675. (3707)

Finance

54. Accept the following resignations:

Professor		
William H. Baughn	(3555)	\$2,250
James R. Kay	(3495)	2,250
Assistant Professor		
Robert E. Linde	(half-time) (3665)	712

Management

55. Accept the resignation of Mr. William T. Newell, Jr., Instructor (half-time) at \$575. (3623)

56. Change the appointment of Mr. George Guy Miller, Instructor, from half- to full-time at \$1,150, additional funds to come from unused salaries. (3622)

Marketing, Resources, Transportation and International Trade

57. Accept the following resignations:

Professor		
H. K. Snell	(3643)	\$2,250
Assistant Professor		
William M. Brown	(3530)	1,725
C. P. Blair	(3513)	1,575

1959 Summer Session (Nine weeks unless otherwise stated) (continued)College of EducationEducational Administration

58. Accept the resignation of Mr. Robert L. Mills, Professor at \$2,250. (3549)

59. Appoint Mr. H. J. Otto, Professor, as Chairman. (3659)

60. Appoint Mr. Claude C. Boyd to the unfilled position of Lecturer at \$1,200. (3708)

Physical and Health Education

61. Change the appointment of Mr. C. J. Alderson, Associate Professor, from half- to full-time at \$1,575, additional funds to come from funds in the Office of the Dean. (3567)

College of EngineeringChemical Engineering

62. Accept the following resignations:

## Professor

W. A. Cunningham (3566) \$1,125

## Assistant Professor

Robert S. Schechter (3570) (3540) 1,575

63. Appoint Mr. Alan H. Selker as Lecturer at a total stipend of \$1,800 funds to come from unused salaries plus \$225 from Summer Session Unappropriated Balance. (3539)

Civil Engineering

64. Appoint Mr. Adrian Pauw as Professor at \$2,250, funds to come from unfilled position. (3677)

Engineering Mechanics

65. Appoint Mr. M. J. Thompson as Professor (three-twentieths time) at \$337.50 and as Acting Chairman instead of Mr. H. J. Plass, Jr. The funds for Mr. Thompson's salary will come from the Summer Session Unappropriated Balance. (3655)

Petroleum Engineering

66. Accept the resignation of Mr. E. W. Hough, Professor at \$1,125. (3595)

67. Change the appointment of Mr. H. H. Power, Professor, from half- to full-time at \$2,250, additional funds to come from unused salaries. (3595)

College of Fine ArtsDrama

68. Accept the resignation of Mr. Mouzon Law, Assistant Professor at \$1,425. (3702)

69. Appoint Mr. James E. Popovich as Assistant Professor at a stipend of \$1,625, funds to come from unused salaries plus \$200 from Summer Session Unappropriated Balance. (3695)

Music

70. Appoint Mr. Jack R. Stephenson as Guest Professor at \$2,000, funds to come from unfilled position. (3538)

School of Law

71. Interchange the appointments of Mr. John F. Sutton, Jr., and Mr. George Stumberg, both Professors at \$1,500 for six weeks, so that Mr. Sutton will serve in the Second Term and Mr. Stumberg in the First Term. (3360)

Graduate School of Library Science

72. Appoint Miss Viola K. Fitch as Visiting Lecturer at \$1,600, funds to come from vacant position in budget. (3525)

1959 Summer Session (Nine weeks unless otherwise stated) (continued)School of Social Work

73. Appoint Mr. Charles W. Laughton as Associate Professor at \$1,725, funds to come from Summer Session Unappropriated Balance. (3556)

1958-59 BudgetOrganized ResearchBureau of Business Research

74. Appoint Mr. Calvin Patton Blair as Social Science Research Associate (Faculty) with no salary for the period March 1-31, 1959, and for April 1-June 15, 1959, on a one-fourth time basis at \$175 per month, salary to come from grant funds. (3294) (3521)

Bureau of Business Research

75. Appoint Miss Stella Traweck as Statistician (Consulting) on a one-fourth time basis at \$166.66 per month for the period May 1-31, 1959, salary to come from grant funds. (3590)

76. Appoint Mr. Arvid A. Anderson as Social Science Research Associate (Faculty) on a one-third time basis at \$133.33 per month, for the period April 1-June 15, 1959, salary to come from grant funds. (3496)

77. Appoint Mr. Parley M. Pratt as Social Science Research Associate (Faculty) without salary for the period April 14-August 31, 1959. (3522)

Computation Center

78. Appoint Mr. Robert T. Gregory, Associate Professor of Mathematics, as Senior Research Mathematician for the period June 16-August 20, 1959, at a total stipend of \$2,250, funds to come from Salaries account of the Center. (3341)

Electron Microscope Laboratory

79. Transfer \$10,000 to this account from the Special Reserve Fund of the Graduate School.

Bureau of Economic Geology

80. Cancel the Summer Term appointment at \$1,100 for Mr. R. K. DeFord, and transfer the unused salary into the account for Assistants. (3369)

Bureau of Engineering Research

81. Appoint the following as Research Engineer (Faculty) (one-third time) for the period February 1-June 15, 1959, at the stipend indicated, source of funds to be item for Research Engineers:

Jack A. Scanlan	\$1,167	(3250)
Kenneth C. Rathbun	1,500	(3353)

82. Approve the appointment of the following as Research Engineer (Faculty) for the period shown and at the fraction of time and stipend indicated, funds to come from Excellence Fund already approved for projects named:

Characteristics of Structure Soil Systems (February 1-June 15, 1959)

Hudson Matlock (1/2 T)	\$1,875	(3282)
Lymon C. Reese (1/2 T)	1,750	(3283)

Longitudinal Plastic Wave Propagation in Metal Rods (February 1-August 31, 1959)

Byron D. Tapley (1/4 T)	\$ 855.54	(3284)
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Institute of Public Affairs

83. Accept the resignation of Mr. John J. Gray, Social Science Research Associate II at \$6,168 for twelve months, effective at close of business April 16, 1959.

Division of ExtensionExtension Teaching and Field Service Bureau

84. Appoint Mr. Thurmond Bishop Pitts as Special Instructor in Mathematics for the period June 16-August 20, 1959, at a total salary of \$1,225, funds to come from Main University Unallocated Salaries. (3644)

1958-59 Budget (continued)Division of Extension (continued)Industrial and Business Training Bureau

85. Accept the resignation of Mr. Thomas E. Rees, Jr., Specialist in Petroleum Training (Training Specialist I) at \$6,168 for twelve months, effective at close of business March 31, 1959. (3668)

Library

86. Continue the appointment of Miss Mary Kirkpatrick, Librarian III, at \$6,168 for twelve months, on a half-time basis June 1-July 6, 1959, and on leave without pay, effective July 7, 1959. (3604)

Physical Plant

87. Appoint Mr. Joe L. Bruns as Maintenance Engineer at \$711.11 per month, effective June 22, 1959, the total needed, \$1,635.55, to come from Unallocated Salaries.

88. Lapse from Department of Utilities Maintenance and Equipment account to Unallocated Maintenance and Equipment \$1,635.55. (3602)

Special Research and Academic Excellence Program

89. Approve the following research assignments from the Excellence Fund for the Summer Session of 1959:

College of Arts and SciencesAnthropology

William Madsen, Assistant Professor \$1,400 (3394)

Classical Languages

William A. Arrowsmith, Associate Professor 1,700 (3392)

Emmett L. Bennett, Jr., Assistant Professor 1,625 (3393)

English

Clarence L. Cline, Professor 1,700 (3451)

Charles P. Swiggart, Assistant Professor 1,375 (3537)

Robert L. Montgomery, Jr., Instructor 600\* (3390)(3502)

Germanic Languages

Robert Thomas Harms, Instructor 1,375 (3389)

Don Carlos Travis, Jr., Instructor 1,250 (3467)

History

William Reynolds Braisted, Assistant Professor 1,500 (3388)

Psychology

Bert Forrin, Assistant Professor 1,450 (3386)

Robert K. Young, Assistant Professor 1,350 (3385)

Egidio John Capaldi, Instructor 1,300 (3387)

Romance Languages

George D. Schade, Assistant Professor 1,400 (3683)

Miguel Enguñados, Assistant Professor 1,625 (3383)

Jean Daniel Charron, Assistant Professor 1,375 (3384)

Sociology

Reece J. McGee, Assistant Professor 1,625 (3382)

College of Business AdministrationAccounting

Wayne P. Tenney, Assistant Professor 1,350 (3421)

Business Services

Eugene W. Nelson, Associate Professor 1,760 (3420)

Finance

William H. Baughn, Professor 1,800 (3373)

Ernest W. Walker, Associate Professor 1,480 (3374)

\*Also \$800 grant from Folger Library.

1958-59 Budget (continued)Special Research and Academic Excellence Program (continued)College of Business Administration (continued)Marketing

Edward W. Cundiff, Professor	\$1,800	(3422)
W. M. Brown (cancel grant of \$925)	. . .	(3605)

Electrical Engineering

Richard T. Smith, Associate Professor	1,800	(3292)
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Mechanical Engineering

Byron E. Short, Professor	1,800	(3291)
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The Hogg Foundation for Mental Health

90. Transfer \$2,000 from Account No. 65060, W. C. Hogg Fund: Research, Publications, and Travel, to Account No. 54250, Hogg Foundation Grant to Wayne H. Holtzman, Department of Psychology. (3320)

91. Approve the appointment of the following as Lecturer (one-fourth time) in the Counseling in Human Factors for USAF Chaplains for the period January 1-February 28, 1959 at the monthly rate indicated:

Harry E. Moore	\$222.22	(3482)
Henry A. Bowman	208.33	(3481)

Adviser to University Publications

92. Terminate the leave without salary of Mr. Richard Gwen Underwood, Adviser, effective at close of business May 3, 1959. (3667)

Intercollegiate Athletics

93. Grant Mr. Darrell K. Royal, Head Football Coach, a contract for a five-year period beginning January 1, 1959 and ending December 31, 1963, at an annual salary of \$17,500. At the December 1956 meeting Mr. Royal was employed as Head Football Coach and given a contract for a five-year period, beginning January 1, 1957, and ending December 31, 1961, at an annual salary of \$17,500. In discussing a possible extension of that contract, Mr. Royal indicated that he would be pleased if his present contract were extended for two additional years at the same salary, and the Athletic Council unanimously recommended a new five-year contract as set out above. (3423)

94. Accept the resignation of Mr. Harold Jack Swarthout, Assistant Football Coach, at \$8,300 for twelve months, effective at close of business April 15, 1959. (3483)

95. Appoint Mr. Billy Morris Ellington as Assistant Football Coach at an annual rate of \$8,500 for 1959, effective February 25, 1959, vice Mr. Swarthout, resigned. (3351)

96. Increase the salary rate of Mr. Robert C. Schulze, Assistant Football Coach, from \$8,300 to \$8,500 for 1959. (3424)

97. Appoint Mr. Harold L. Bradley as Head Basketball Coach at an annual salary of \$11,000, effective April 1, 1959. Mr. Bradley will be given a three-year contract. (3452)

Program for Turkish Teachers and Administrators

98. Approve the appointment of Mrs. Thelma A. Bollman, Associate Professor of Curriculum and Instruction, to teach in this program on a one-fourth time basis at a total stipend of \$825. (3432)

Government Sponsored Research ProgramsCorrosion Research Laboratory

99. Appoint Mr. Norman Hackerman as Director (Faculty) (half-time) at \$805.56 per month, effective June 16, 1959. (3615)

1958-59 Budget (continued)Government Sponsored Research Programs (continued)Defense Research Laboratory

100. Approve the following appointments and/or changes of status to that indicated:

	<u>Monthly Rate</u>	<u>Effective Date</u>
Research Scientist (Faculty) E. W. Doty	\$ 00.00	March 16, 1959 (3413)
Research Engineer (Faculty) W. J. Carter (1/4 T)	250.00	February 15, 1959 (3335)
Research Scientist (Psychology) (Faculty) George Moushegian (1/4 T)	138.89	February 1, 1959 (3553)
Milton A. Whitcomb (1/4 T)	155.55	April 27, 1959 (3660)
Research Scientist (Physics) IV Loyd D. Hampton	592.00	February 1, 1959 (3160)
Research Scientist (Physics) III Robert T. Trochta (Promotion and salary increase in excess of \$1,000; approval of Board required before going into effect)	539.00	June 1, 1959
Research Engineer V Larry L. Huggins (resign)	. . .	January 31, 1959 (3162) (cbd)
Research Engineer IV Donald M. Lauderdale (1/4 T)	162.50	June 18, 1959 (3650)
Systems Development Specialist II Richard N. Lane (1/2 T)	475.00	May 1, 1959 (3648)
Julian R. Wright	910.00	June 16, 1959 (3649)
Otto J. Baltzer (1/10 T)	100.00	May 1, 1959 (3580)
Systems Development Specialist I E. Eugene Mikeska (9/10 T)	612.00	May 1, 1959 (3601)
Alexander D. Opiela, Jr. (9/10 T)	666.00	May 1, 1959 (3541)

Electrical Engineering Research Laboratory

101. Change the appointment of Mr. Archie W. Straiton, Director, from half-time to one-fourth time for the period December 1-31, 1958, returning him to half-time January 1, 1959. This corrects the previous docket item concerning Dr. Straiton's change of status.

Electronic Materials Research Laboratory

102. Appoint Mr. William H. Hartwig as Director (Faculty) (one-eighth time) at \$97.22 per month effective April 15, 1959. (3560)

Fungal Bioluminescence

103. Appoint Mr. Robert L. Airth as Director (Faculty) at \$777.77 per month for the period June 16-August 15, 1959. (3453)

The Hogg Foundation

104. Appoint Mr. Fred R. Crawford as Social Science Research Associate V at \$770.00 per month effective May 1, 1959.

Hospital Community Research Project

105. Appoint Mr. Ivan C. Belknap as Director (Faculty) at \$866.66 per month effective March 1, 1959. (3404)

Internal Constraints Applied to Dynamic Problems

106. Appoint Mr. Enrico G. Volterra as Director (Faculty) (one-third time) at \$444.44 per month for the period February 1 - June 15, 1959. (3402)

Mathematical Studies in Thermal Physiology

107. Appoint Mr. Eugene H. Wissler as Director (Faculty) (one-fourth time) at \$166.66 per month for the period March 1-June 15, 1959. (3435)

1958-59 Budget (continued)Government Sponsored Research (continued)Mechanisms of Ozonolysis and Abnormal Ozonolysis Reaction

108. Appoint Mr. Philip S. Bailey as Director (Faculty) at \$944.44 per month, effective June 16, 1959. (3680)

Mental Health in Teacher Training

109. Accept the resignation of Miss Olive Scarborough, Research Associate (one-fourth time) at \$150 per month, effective at close of business February 28, 1959. (3361)

110. Terminate the appointment of Mr. Paul Kelley, Research Associate (one-eighth time) at \$74.00 per month, effective at close of business April 30, 1959. (3701)

Military Physics Research Laboratory

111. Accept the resignation of Mr. Ben Fitzpatrick, Jr., Research Scientist (one-fourth time) at \$144.44 per month, effective at close of business January 31, 1959. (3315)

112. Approve the following appointments:

	<u>Monthly</u> <u>Rate</u>	<u>Effective Date</u>	
<u>Research Linguist</u>			
Ernest F. Haden (1/4 T)	\$250.00	May 1-June 15, 1959	(3676)
Winfred P. Lehmann (1/4 T)	361.11	May 1-June 15, 1959	(3673)
Werner Winter (1/4 T)	180.56	May 1-June 15, 1959	(3674)
Stanley N. Werbow (1/4 T)	166.66	May 1-June 15, 1959	(3675)

The Physics of Metastable Systems

113. Appoint Mr. Eldon E. Ferguson as Associate Director (one-fourth time) at \$163.89 per month, for the period February 1-May 31, 1959. (3297)

Radiobiological Laboratory

114. Change the appointment of Mr. Arnold A. McDowell, Research Scientist III at \$514 per month, to Research Scientist IV at \$650 per month, effective February 1, 1959. This represents a salary increase of over \$1,000 per year and will not be effective until approved by the Board. (3356)

Research on Tension Reduction

115. Appoint Mr. Phillip Worchel as Director (Faculty) (one-third time) at \$318.52 per month for the period February 1-June 15, 1959. (3403)

Structural Mechanics Research Laboratory

116. Change the appointment of Mr. James W. Turnbow, Research Engineer (Faculty) from half-time to one-fourth time at \$166.66 per month, effective February 1, 1959. (3342)

Summer Institute for College Teachers of Physics

117. Appoint Mr. Robert N. Little as Director (Faculty) at \$1,000 per month, effective June 16, 1959. (3679)

Theory of Numbers

118. Appoint Mr. H. S. Vandiver as Director (Faculty) at \$960 per month, effective April 1, 1959. (3559)

Tissue Culture Chromosomes

119. Appoint Mr. Albert Levan as Research Scientist V at \$1,000 per month for the period February 16-May 31, 1959.

RESEARCH CONTRACTS: The following contracts and amendments have been negotiated by the Office of Government Sponsored Research and have been signed by the Vice-President and/or President upon the recommendation of the appropriate Technical Director, the Director of the Office of Government Sponsored Research, and the Business Manager. I recommend your approval and ratification of signatures:

1. Blanket Supplemental Agreement dated 26 January 1959, by which the Department of the Air Force, Air Research and Development Command, Wright Air Development Center, Wright-Patterson Air Force Base, Ohio, incorporates the current overhead rates into the following Air Force research contracts:

Supplemental Agreement No. 16 to Contract AF 18(600)-87, which establishes the fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research on fire control systems analysis was conducted in the Military Physics Research Laboratory under the direction of A. E. Lockenvitz, Professor of Physics.

Supplemental Agreement No. 16 to Contract AF 18(600)-113, which establishes the fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research on development of recording microwave refractometers was conducted in the Electrical Engineering Research Laboratory under the direction of Dr. A. W. Straiton, Professor of Electrical Engineering.

Supplemental Agreement No. 9 to Contract AF 33(616)-2290, which establishes the fixed overhead rate of 31.0% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research was conducted in the Defense Research Laboratory under the direction of Dr. C. P. Boner, Professor of Physics.

Supplemental Agreement No. 10 to Contract AF 33(616)-2423, which establishes the fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research on development of recording microwave refractometers was conducted in the Electrical Engineering Research Laboratory under the direction of Dr. A. W. Straiton, Professor of Electrical Engineering.

Supplemental Agreement No. 9 to Contract AF 33(616)-2673, which establishes the fixed overhead rate of 31.0% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research on supersonic wind tunnels was conducted in the Defense Research Laboratory under the direction of Dr. C. P. Boner, Professor of Physics.

Supplemental Agreement No. 5 to Contract AF 33(616)-2842, which establishes the fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research was conducted in the Electrical Engineering Research Laboratory under the direction of Dr. A. W. Straiton, Professor of Electrical Engineering.

Supplemental Agreement No. 6 to Contract AF 33(616)-5024, which establishes the fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research on radio propagation and associated refractive index problems continues in the Electrical Engineering Research Laboratory under the direction of Dr. A. W. Straiton, Professor of Electrical Engineering.

Supplemental Agreement No. 4 to Contract AF 33(616)-5164, which establishes the fixed overhead rate of 31.0% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research continues in the Defense Research Laboratory under the direction of Dr. C. P. Boner, Professor of Physics.

Supplemental Agreement No. 1 to Contract AF 33(616)-5581; which establishes the provisional overhead rate of 36.5% of Salaries and Wages effective September 1, 1958. The research continues in the Electrical Engineering Research Laboratory under the direction of Dr. A. W. Straiton, Professor of Electrical Engineering.

Supplemental Agreement No. 1 to Contract AF 33(616)-5597, which establishes the provisional overhead rate of 36.5% of Salaries and Wages effective September 1, 1958. The research on wave functions for atoms of the first row of the periodic table and certain of their ions continues under the direction of Dr. C. W. Scherr, Assistant Professor of Physics.

Supplemental Agreement No. 1 to Contract AF 33(616)-5832, which establishes the provisional overhead rate of 36.5% of Salaries and Wages effective September 1, 1958. The research on relativity and gravitational theories continues under the direction of Dr. Alfred Schild, Professor of Mathematics.

2. Supplemental Agreement No. 6 to Contract AF 41(657)-35, by which the Department of the Air Force, Air Research and Development Command, Wright Air Development Center, Lackland Air Force Base, Texas, establishes a fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research on hearing damage risk of Air Force ground-crew personnel continues under the direction of Dr. Lennart L. Kopra, Associate Professor of Speech.

3. Supplemental Agreement No. 2 to Contract AF 49(638)-35, by which the Department of the Air Force, Air Research and Development Command, Office of Scientific Research, Washington, D. C., changes the report requirements and establishes a fixed overhead rate of 36.5% of Salaries and Wages for the period November 1, 1956 through August 31, 1957. The research on effects of high pressure upon electronic absorption spectra continues under the direction of Dr. W. W. Robertson, Assistant Professor of Physics.

4. Supplemental Agreement No. 6 to Contract AF 41(657)-55, by which the Department of the Air Force, Air Research and Development Command, Wright Air Development Center, Lackland Air Force Base, Texas, establishes a fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research on specific nitrogen fractions excreted by individuals as influenced by adverse environmental conditions continues under the direction of Dr. Roger J. Williams, Professor of Chemistry.

5. Supplemental Agreement No. 4 to Contract AF 41(657)-149, by which the Department of the Air Force, Air Research and Development Command, Wright Air Development Center, Lackland Air Force Base, Texas, adds the sum of \$280,000.00 to the contract funds, extends the period of the contract through March 31, 1960, and establishes the fixed overhead rate of 36.5% of Salaries and Wages for the period March 5, 1957 through August 31, 1957. The research on biological effects of ionizing radiation in various species and protection of personnel against radiation continues at the Radiobiological Laboratory under the direction of Dr. T. S. Painter, Professor of Zoology.
6. Supplemental Agreement No. 2 to Contract AF 41(657)-182, by which the Department of the Air Force, Air Research and Development Command, Wright Air Development Center, Lackland Air Force Base, Texas, establishes a provisional overhead rate of 36.5% of Salaries and Wages for the period beginning September 1, 1958. The research on a photosynthetic gas exchanger continues under the direction of Dr. Jack Myers, Professor of Botany and of Zoology.
7. Supplemental Agreement No. 11 to Contract AF 19(604)-494, by which the Department of the Air Force, Air Research and Development Command, Cambridge Research Center, Bedford, Massachusetts, establishes a fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research on meteorology and radio propagation was conducted in the Electrical Engineering Research Laboratory under the direction of Dr. A. W. Straiton, Professor of Electrical Engineering.
8. Contract AF 49(638)-560, by which the Department of the Air Force, Air Research and Development Command, Office of Scientific Research, Washington, D. C., provides \$68,840.00 for a study of the physics of metastable systems. The contract is effective for the period February 1, 1959 through January 31, 1960, and the research is to be directed by Dr. F. A. Matsen, Professor of Chemistry and of Physics.
9. Supplemental Agreement No. 9 to Contract AF 18(600)-618, by which the Department of the Air Force, Air Research and Development Command, Wright Air Development Center, Lackland Air Force Base, Texas, establishes a fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through December 31, 1957. The research on a photosynthetic gas exchanger was conducted under the direction of Dr. Jack Myers, Professor of Botany and of Zoology.
10. Supplemental Agreement No. 7 to Contract AF 18(600)-916, by which the Department of the Air Force, Air Research and Development Command, Wright Air Development Center, Lackland Air Force Base, Texas, establishes a fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through May 31, 1957. The research on development of synthetic group procedures for use in classification and screening was conducted under the direction of Dr. Robert R. Blakc, Professor of Psychology.
11. Supplemental Agreement No. 4 to Contract AF 18(600)-933, by which the Department of the Air Force, Air Research and Development Command, Wright Air Development Center, Lackland Air Force Base, Texas, establishes a fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through September 30, 1957. The research on influences on growth lag in bacterial cultures was conducted under the direction of Dr. C. E. Lankford, Professor of Bacteriology.

12. Supplemental Agreement No. 4 to Contract AF 18(600)-1356, by which the Department of the Air Force, Air Research and Development Command, Wright Air Development Center, Lackland Air Force Base, Texas, establishes a fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through November 30, 1957. The development of test items for use with airman populations for selection and classification was conducted under the direction of Dr. Gordon V. Anderson, Professor of Educational Psychology.

13. Supplemental Agreement No. 1 to Contract AF 29(600)-1752, by which the Department of the Air Force, Air Research and Development Command, Missile Development Center, Holloman Air Force Base, New Mexico, incorporates into the contract the current provisional overhead rate. The mathematical studies on statistical vibration analysis continues in the Military Physics Research Laboratory under the direction of A. E. Lockenvitz, Professor of Physics.

14. Supplemental Agreement No. 2 to Contract AF 19(604)-1929, by which the Department of the Air Force, Air Research and Development Command, Cambridge Research Center, Bedford, Massachusetts, establishes a fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through September 15, 1957. The research, design and development of microwave refractometers was conducted in the Electrical Engineering Research Laboratory under the direction of Dr. A. W. Straiton, Professor of Electrical Engineering.

15. Supplemental Agreement No. 6 to Contract AF 19(604)-2249, by which the Department of the Air Force, Air Research and Development Command, Cambridge Research Center, Bedford, Massachusetts, establishes a fixed overhead rate of 36.5% of Salaries and Wages for the period March 1, 1957 through August 31, 1957. The studies in tropospheric propagation continue at the Electrical Engineering Research Laboratory under the direction of Dr. A. W. Straiton, Professor of Electrical Engineering.

16. Supplemental Agreement No. 6 to Contract AF 33(616)-2842, by which the Department of the Air Force, Air Research and Development Command, Wright Air Development Center, Wright-Patterson Air Force Base, Ohio, establishes the fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1957 through September 19, 1957. The research was conducted in the Electrical Engineering Research Laboratory under the direction of Dr. A. W. Straiton, Professor of Electrical Engineering.

17. Supplemental Agreement No. 2 to Contract AF 19(604)-3498, by which the Department of the Air Force, Air Research and Development Command, Cambridge Research Center, adds the sum of \$85,000.00 to the contract funds and incorporates into the contract the new provisional overhead rate. The study and application of digital data-processing methods to the problem of sensing and recording meteorological variables continues in the Electrical Engineering Research Laboratory under the direction of Dr. A. W. Straiton, Professor of Electrical Engineering.

18. Supplemental Agreement No. 5 to Contract AF 33(616)-5024, by which the Department of the Air Force, Air Research and Development Command, Wright Air Development Center, Wright-Patterson Air Force Base, Ohio, adds the sum of \$30,000.00 to the contract funds, amends the scope of the work, and extends the period of the contract through April 1, 1960. The research on radio propagation and associated refractive index problems continues in the Electrical Engineering Research Laboratory under the direction of Dr. A. W. Straiton, Professor of Electrical Engineering.

19. Contract AF 19(604)-5504, by which the Department of the Air Force, Air Research and Development Command, Cambridge Research Center, Bedford, Massachusetts, provides \$50,000.00 for support of a study of propagation characteristics of the atmosphere. The contract is effective for the period April 1, 1959 through March 31, 1960, and the research is to be performed under the direction of Dr. A. W. Straiton, Professor of Electrical Engineering.

20. Contract AF 33(616)-6257, by which the Department of the Air Force, Air Research and Development Command, Wright Air Development Center, Wright-Patterson Air Force Base, Ohio, provides \$23,000.00 for instrumentation and operation of a moon reflection communication receiving station. The contract is effective for the period March 1, 1959 through February 29, 1960, and will be performed under the direction of Dr. A. W. Straiton, Professor of Electrical Engineering.

21. Supplemental Agreement dated February 9, 1959, to subcontract P. O. 80633, by which the Bendix Aviation Corporation, Friez Instrument Division, deletes the Security Requirements Check List. The research on the use of atmospheric refractometers in the AN/AMQ-15 weather reconnaissance system continues in the Electrical Engineering Research Laboratory under the direction of Dr. A. W. Straiton, Professor of Electrical Engineering.

22. Modification No. 6 to Contract DA 19-129-QM-150, by which the Department of the Army, Quartermaster Research and Engineering Command, Natick, Massachusetts, establishes a fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through December 24, 1956. The research on packaging materials and techniques in serial delivery of supplies was conducted under the direction of J. Neils Thompson, Professor of Civil Engineering.

23. Modification No. 3 to Contract DA 18-064-404-CML-264, by which the Department of the Army, Chemical Corps Research and Development Command, Fort Detrick, Frederick, Maryland, establishes a fixed overhead rate of 36.5% of Salaries and Wages for the period July 1, 1957 through August 31, 1958. The research on factors affecting ability of bacilli to form chains during growth was conducted under the direction of Dr. O. B. Williams, Professor of Bacteriology.

24. Modification No. 5 to Contract DA 19-129-QM-287, by which the Department of the Army, Quartermaster Research and Engineering Command, Natick, Massachusetts, establishes a fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The design and development of special purpose containers was conducted under the direction of J. Neils Thompson, Professor of Civil Engineering.

25. Modification No. 8 to Contract DA 19-129-QM-817, by which the Department of the Army, Quartermaster Research and Engineering Command, Natick, Massachusetts, extends the period of the contract through May 31, 1959 without additional funds and establishes a fixed overhead rate of 36.5% of Salaries and Wages for the period December 14, 1956 through August 31, 1957. The development and evaluation of high velocity impact energy dissipators continues under the direction of J. Neils Thompson, Professor of Civil Engineering.

26. Contract DA 49-193-MD-2005, by which the Department of the Army, Office of the Surgeon General, Washington, D. C., provides \$5,964.00 for research on the mathematical analysis of heat transfer and temperature relations in the human body. The contract is effective for the period March 1, 1959 through February 29, 1960, and the research will be performed under the direction of Dr. Eugene H. Wissler, Assistant Professor of Chemical Engineering.

27. Amendment No. 14 to Basic Contract Nonr-375(00), by which the Department of the Navy, Office of Naval Research, Washington, D. C., amends the travel reimbursement clause by changing the actual subsistence rate from \$12.00 to \$15.00 per day.

28. Amendment No. 12 to Contract Nonr-375(01), by which the Department of the Navy, Office of Naval Research, Washington, D.C., adds the sum of \$10,000.00 to the contract funds. The research on radio wave propagation continues in the Electrical Engineering Research Laboratory under the direction of Dr. A. W. Straiton, Professor of Electrical Engineering.

29. Amendment No. 13 to Contract Nonr-375(01), by which the Department of the Navy, Office of Naval Research, Washington, D.C., adds the sum of \$40,000.00 to the contract funds and extends the period of the contract through April 30, 1960. The research on radio wave propagation continues in the Electrical Engineering Research Laboratory under the direction of Dr. A. W. Straiton, Professor of Electrical Engineering.

30. Amendment No. 3 to Contract Nonr-375(07), by which the Department of the Navy, Office of Naval Research, Washington, D.C., extends the period of the contract through September 30, 1959, without additional funds. The research on airborne microwave atmospheric refractometers continues at the Electrical Engineering Research Laboratory under the direction of Dr. A. W. Straiton, Professor of Electrical Engineering.

31. Amendment No. 7 to Contract NObsr-72627, by which the Department of the Navy, Bureau of Ships, Washington, D.C., adds the sum of \$94,500.00 to the contract funds and extends the period of the contract through October 31, 1959. The underwater ordnance studies continue at the Defense Research Laboratory under the direction of Dr. C. P. Boner, Professor of Physics.

32. Amendment No. 8 to Contract NObsr-72627, by which the Department of the Navy, Bureau of Ships, Washington, D.C., adds the sum of \$50,000.00 to the contract funds. The research continues at the Defense Research Laboratory under the direction of Dr. C. P. Boner, Professor of Physics.

33. Contract NObs-77033, by which the Department of the Navy, Bureau of Ships, Washington, D.C., provides \$65,500.00 for research on and development of a prototype model of an acoustic attenuator. The contract is effective for the period November 18, 1958 through August 15, 1959, and the research will be performed in the Defense Research Laboratory under the direction of Dr. C. P. Boner, Professor of Physics.

34. Grant BM-60-59, by which the U. S. Atomic Energy Commission, Washington, D.C., provides \$9,753.00 for the purchase of equipment and materials to be used in education and training in the field of nuclear technology as applied to the life sciences. The grant is effective for the period March 16, 1959 through March 15, 1960, and will be directed by Dr. Henry M. Burlage, Professor of Pharmacy and Dean of the College of Pharmacy.

35. Modification No. 1 to Contract AT-(40-1)-2388, by which the U. S. Atomic Energy Commission, Oak Ridge Operations Office, Oak Ridge, Tennessee, adds the sum of \$10,239.00 to the contract funds and extends the period of the contract through January 31, 1960. The research on the synthesis of certain heterocyclic and phosphorus-containing compounds continues under the direction of Dr. Pete D. Gardner, Associate Professor of Chemistry.
36. Grant NSF-G7353, by which the National Science Foundation provides \$18,500.00 for research entitled "Abnormal Ozonolysis and Rearrangements of Periodic Ozonolysis Products." The grant is effective for the period April 1, 1959 through March 31, 1961, and the research will be performed under the direction of Dr. Philip S. Bailey, Professor of Chemistry.
37. Grant NSF-G7547, by which the National Science Foundation provides \$16,570.00 for support of a research participation program for teacher training, under the direction of Dr. Addison E. Lee, Associate Professor of Botany. The grant is effective for a period of approximately ten weeks beginning on or about June 16, 1959.
38. Grant NSF-G7837, by which the National Science Foundation provides \$9,390.00 for support of a "Summer Science Training Program for Secondary School Students." The grant is effective for a period of approximately five weeks, beginning on or about June 17, 1959, and will be under the direction of Dr. Bennie A. Ferrone, Instructor in Chemistry.
39. Grant NSF-G7838, by which the National Science Foundation provides \$9,810.00 for support of a "Summer Science Training Program for Secondary School Students." The grant is effective for a period of approximately six weeks beginning on or about June 16, 1959, and will be under the direction of Dr. H. J. Ettliger, Professor of Mathematics.
40. Grant NSF-G7839, by which the National Science Foundation provides \$8,970.00 for support of a "Summer Science Training Program for Secondary School Students." The grant is effective for a period of approximately six weeks beginning on or about June 16, 1959, and will be under the direction of Dr. Irwin Spear, Assistant Professor of Botany.
41. Grant NSF-G8238, by which the National Science Foundation provides \$35,500.00 for support of research entitled "Theory of Numbers." The grant is effective for the period April 1, 1959 through March 31, 1961, and the research will be performed under the direction of Dr. H. S. Vandiver, Professor of Mathematics.
42. Grant W-69(C3), by which the U. S. Department of Health, Education, and Welfare, Public Health Service, provides \$25,428.00 for support of a comparative study of the development of general hospitals and services in two types of communities. The grant is effective for the period March 1, 1959 through February 29, 1960, and will be under the direction of Dr. Ivan C. Belknap, Associate Professor of Sociology.
43. Grant RG-6373(A), by which the U. S. Department of Health, Education, and Welfare, Public Health Service, provides \$2,275.00 for support of research entitled "Osmoregulation of Fishes in Hypersaline Marine Bays." The grant is effective for the period March 1, 1959 through February 29, 1960, and the research is to be performed under the direction of Dr. William McFarland, Lecturer in Zoology.

44. Supplemental Agreement No. 2 to Contract AF 49(638)-51, by which the Department of the Air Force, Office of Scientific Research, Washington, D. C., establishes a fixed overhead rate of 36.5% of Salaries and Wages for the period December 1, 1956 through August 31, 1957. The research on the genetic effects of cosmic radiation was conducted under the direction of Dr. Willson S. Stone, Professor of Zoology.
45. Supplemental Agreement No. 5 to Contract AF 08(616)-55, by which the Department of the Air Force, Air Research and Development Command, Eglin Air Force Base, Florida, establishes a fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research was conducted in the Military Physics Research Laboratory under the direction of A. E. Lockenvitz, Professor of Physics.
46. Supplemental Agreement No. 7 to Contract AF 41(657)-55, by which the Department of the Air Force, Air Research and Development Command, Wright Air Development Center, Lackland Air Force Base, Texas, extends the period of the contract through July 31, 1959, without additional funds. The research and reports on specific nitrogen fractions excreted by individuals as influenced by adverse environmental conditions continues under the direction of Dr. Roger J. Williams, Professor of Chemistry.
47. Supplemental Agreement No. 12 to Contract AF 18(600)-165, by which the Department of the Air Force, Air Research and Development Command, Wright Air Development Center, Lackland Air Force Base, Texas, establishes a fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through March 31, 1957. The studies of the biological effects of irradiations was conducted in the Radiobiological Laboratory under the direction of Dr. T. S. Painter, Professor of Zoology.
48. Contract AF 08(635)-235, by which the Department of the Air Force, Air Research and Development Command, Air Proving Ground Center, Eglin Air Force Base, Florida, provides \$62,420.00 for support of space weapon ballistic studies. The contract is effective for the period March 19, 1959 through March 18, 1960, and will be performed under the direction of A. E. Lockenvitz, Professor of Physics.
49. Contract AF 08(635)-399, by which the Department of the Air Force, Air Research and Development Command, Eglin Air Force Base, Florida, provides \$29,982.00 for research on the equation of motion and data for multi-stage rocket trajectory and dispersion computations. The contract is effective for the period May 4, 1959 through November 3, 1960, and is to be directed by A. E. Lockenvitz, Professor of Physics.
50. Supplemental Agreement No. 1 to Contract AF 49(638)-560, by which the Department of the Air Force, Office of Scientific Research, Washington, D. C., changes the reports requirements. The study of the physics of metastable systems continues under the direction of Dr. F. A. Matsen, Professor of Physics and of Chemistry.

51. Supplemental Agreement No. 10 to Contract AF 18(600)-589, by which the Department of the Air Force, Office of Scientific Research, Washington, D. C. establishes a fixed overhead rate of 31.0% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research on skin friction effects at supersonic speeds was conducted in the Defense Research Laboratory under the direction of Dr. M. J. Thompson, Professor of Aeronautical Engineering.

52. Supplemental Agreement No. 1 to Contract AF 29(600)-1681, by which the Department of the Air Force, Air Research and Development Command, Wright Air Development Center, Lackland Air Force Base, Texas, establishes a provisional overhead rate of 36.5% of Salaries and Wages effective September 1, 1958. The research on the genetic effects of cosmic radiation continues under the direction of Dr. Wilson S. Stone, Professor of Zoology.

53. Change Order No. 3 to Contract AF 08(603)-4396, by which the Department of the Air Force, Air Proving Ground Center, Eglin Air Force Base, Florida, extends the period of the contract through April 30, 1959, without additional funds. The research continues in the Military Physics Research Laboratory under the direction of A. E. Lockenvitz, Professor of Physics.

54. Supplemental Agreement No. 4 to Contract AF 08(603)-4396, by which the Department of the Air Force, Air Proving Ground Center, Eglin Air Force Base, Florida, adds the sum of \$49,968.00 to the contract funds and extends the period of the contract through March 31, 1960. The rocket and missile studies continue in the Military Physics Research Laboratory under the direction of A. E. Lockenvitz, Professor of Physics.

55. Contract AF 19(604)-5556, by which the Department of the Air Force, Air Research and Development Command, Air Force Cambridge Research Center, Laurence G. Hanscom Field, Bedford, Massachusetts, provides \$15,000.00 for the study of wind and temperature profiles in the atmospheric boundary layer. The contract is effective for the period November 1, 1959 through April 30, 1961, and the research will be performed in the Electrical Engineering Research Laboratory under the direction of Dr. A. W. Straiton, Professor of Electrical Engineering.

56. Contract AF 19(604)-5717, by which the Department of the Air Force, Air Research and Development Command, Cambridge Research Center, Laurence G. Hanscom Field, Bedford, Massachusetts, provides \$12,500.00 for support of a study of the infrared photo-dielectric and photomagneto-electric effects in semiconductors. The contract is effective for the period April 15, 1959 through April 14, 1960, and the research will be performed under the direction of Dr. W. H. Hartwig, Associate Professor of Electrical Engineering.

57. Supplemental Agreement No. 12 to Contract AF 33(038)-20681, by which the Department of the Air Force, Office of Scientific Research, Washington, D. C., establishes a fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research on interactions of neutrons with matter continues in the Nuclear Physics Laboratory under the direction of Dr. Emmett L. Hudspeth, Professor of Physics.

58. Supplemental Agreement No. 6 to Contract AF 33(600)-33446, by which the Department of the Air Force, Air Materiel Command, Wright-Patterson Air Force Base, Ohio, establishes a fixed overhead rate of 31.0% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research was conducted in the Defense Research Laboratory under the direction of Dr. C. P. Boner, Professor of Physics.
59. Supplemental Agreement No. 1 to Contract AF 33(600)-34925, by which the Department of the Air Force, Air Materiel Command, Wright-Patterson Air Force Base, Ohio, establishes a fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The investigations of the E-4 fire control system were conducted in the Military Physics Research Laboratory under the direction of A. E. Lockenvitz, Professor of Physics.
60. Supplemental Agreement No. 1 to Contract AF 33(600)-37590, by which the Department of the Air Force, Air Materiel Command, Wright-Patterson Air Force Base, Ohio, establishes a provisional overhead rate of 31.0% of Salaries and Wages for the period beginning September 1, 1958. The research continues in the Defense Research Laboratory under the direction of Dr. C. P. Boner, Professor of Physics.
61. Modification No. 12 to Contract DA-23-072-ORD-685, by which the Department of the Army, St. Louis Ordnance District, establishes a fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research on pressure volume temperature relationships and thermodynamic properties of hydrocarbons and other compounds continues under the direction of Dr. J. J. McKetta, Professor of Chemical Engineering.
62. Modification No. 1 to Contract DA-23-072-ORD-1224, by which the Department of the Army, St. Louis Ordnance District, adds the sum of \$12,319.00 to the contract funds and extends the period of the contract through February 29, 1960. The research and development work concerning diffusion of gases in aqueous solutions continues under the direction of Dr. D. M. Himmelblau, Assistant Professor of Chemical Engineering.
63. Contract DA 19-129-QM-1383, by which the Department of the Army, Quartermaster Research and Engineering Command, Natick, Massachusetts, provides \$64,240.00 for research on impact determinations. The contract is effective for the period March 26, 1959 through March 25, 1960, and the research will be performed under the direction of J. Neils Thompson, Professor of Civil Engineering.
64. Contract Nonr-375(11), by which the Department of the Navy, Office of Naval Research, provides \$14,600.00 for research on the trophic structure and productivity of saline embayments along the coasts of the Gulf of Mexico. The contract is effective for the period April 1, 1959 through March 31, 1961, and the research is to be performed under the direction of Dr. Howard T. Odum, Director, Institute of Marine Science.
65. Amendment No. 5 to Facilities Contract NObs-3861, by which the Department of the Navy, Bureau of Ships, Washington, D. C., withdraws and cancels Amendment No. 4 to the contract, and adds certain facilities to the Schedule of the contract for use in the performance of research being conducted at the Defense Research Laboratory for the Bureau of Ships.

66. Amendment No. 6 to Facilities Contract NObs-3861, by which the Department of the Navy, Bureau of Ships, Washington, D. C., adds certain facilities to the Schedule of the contract for use in the performance of research being conducted at the Defense Research Laboratory for the Bureau of Ships.

67. Amendment No. 7 to Facilities Contract NObs-3861, by which the Department of the Navy, Bureau of Ships, Washington, D. C., authorizes the University to use the facilities held under Contract NObs-3861 in the performance of Contract NObs-77033.

68. Amendment No. 8 to Facilities Contract NObs-3861, by which the Department of the Navy, Bureau of Ships, Washington, D.C., deletes facilities Schedule 1 from the contract and adds a new Schedule 1. Facilities held under this contract are used in the performance of research being conducted at the Defense Research Laboratory.

69. Amendment No. 9 to Facilities Contract NObs-3861, by which the Department of the Navy, Bureau of Ships, Washington, D. C., authorizes the University to use certain of the facilities held under Contract NObs-3861 in the performance of Bureau of Ordnance Noncontract NOrd-18217. This research is being conducted at the Defense Research Laboratory.

70. Amendment No. 8 to Contract NOrd-16382, by which the Department of the Navy, Bureau of Ordnance, Washington, D. C., establishes a fixed overhead rate of 31.0% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research continues at the Defense Research Laboratory under the direction of Dr. C. P. Boner, Professor of Physics.

71. Amendment No. 9 to Contract NOrd-16498, by which the Department of the Navy, Bureau of Ordnance, establishes a fixed overhead rate of 31.0% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research continues in the Defense Research Laboratory under the direction of Dr. C. P. Boner, Professor of Physics.

72. Amendment No. 2 to Contract NOrd-18041, by which the Department of the Navy, Bureau of Ordnance, establishes a provisional overhead rate of 31.0% of Salaries and Wages for the period beginning September 1, 1958. The research was conducted in the Defense Research Laboratory under the direction of Dr. C. P. Boner, Professor of Physics.

73. Blanket Amendment dated 17 April 1959, by which the Department of the Navy, Bureau of Ships, incorporates the current fixed overhead rates into the following Bureau of Ships research contracts:

Amendment No. 37 to Contract NObsr-52267, which establishes the fixed overhead rate of 31.0% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research was conducted in the Defense Research Laboratory under the direction of Dr. C. P. Boner, Professor of Physics.

Amendment No. 12 to Contract NObsr-63052, which establishes the fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research was conducted in the Electrical Engineering Research Laboratory under the direction of Dr. A. W. Straiton, Professor of Electrical Engineering.

Amendment No. 9 to Contract NObsr-64126, which establishes the fixed overhead rate of 36.5% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research was conducted in the Electrical Engineering Research Laboratory under the direction of Dr. A. W. Straiton, Professor of Electrical Engineering.

Amendment No. 8 to Contract NObs-66932, which establishes the fixed overhead rate of 31.0% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The research and development of a prototype model of an acoustic attenuator continues in the Defense Research Laboratory under the direction of Dr. C. P. Boner, Professor of Physics.

Amendment No. 9 to Contract NObsr-72627, which establishes the fixed overhead rate of 31.0% of Salaries and Wages for the period September 1, 1956 through August 31, 1957. The underwater ordnance studies continue in the Defense Research Laboratory under the direction of Dr. C. P. Boner, Professor of Physics.

74. Supplement No. 3 to Contract AT-(11-1)-490, by which the United States Atomic Energy Commission adds the sum of \$4,428.00 to the contract funds and amends the scope of the work. The research on the feasibility of storing radioactive wastes in salt formations continues under the direction of Dr. E. F. Gloyna, Associate Professor of Civil Engineering.

75. Modification No. 10 to Contract AT-(40-1)-1049, by which the United States Atomic Energy Commission adds the sum of \$76,000.00 to the contract funds, amends the scope of the work, and extends the period of the contract through March 31, 1960. The research on neutron experiments with a Van de Graaff generator continues under the direction of Dr. E. L. Hudspeth, Professor of Physics.

76. Grant M-2291(C1), by which the U. S. Public Health Service provides \$12,202.00 for support of research on reinforcement effects in normal and retarded children. The grant is effective for the period June 1, 1959 through May 31, 1960, and the research is to be performed under the direction of Dr. Harold W. Stevenson, Associate Professor of Psychology.

77. Grant RG-5997, by which the Department of Health, Education, and Welfare, U. S. Public Health Service, provides \$19,233.00 for support of research entitled "Gas transport into and out of aqueous type solutions." The grant will be effective for the period April 1, 1959 through March 31, 1960, and will be under the direction of Dr. David M. Himmelblau, Assistant Professor of Chemical Engineering.

78. Grant RG-6299, by which the U. S. Department of Health, Education, and Welfare, Public Health Service, provides \$9,275.00 for support of research entitled "Role and site of binding of metal in metal-enzymes." The grant is effective for the period April 1, 1959 through March 31, 1960, and the research is to be performed under the direction of Dr. Roger J. Williams, Professor of Chemistry.

79. Grant NSF-G8164, by which the National Science Foundation provides \$40,000.00 for support of research entitled "Design of Infrared Microwave Telescope." The grant is effective for the period May 1, 1959 through April 30, 1960, and the research will be directed by Dr. Gerard P. Kuiper, Director, McDonald Observatory.

80. Grant NSF-G8536, by which the National Science Foundation provides \$7,260.00 for support of an "Undergraduate Research Participation Program." The grant is effective for a period of approximately three months beginning on or about May 15, 1959, and will be performed under the direction of Dr. Henry R. Henze, Professor of Chemistry.

81. Lease Agreement dated April 10, 1959, between the University, Air Research and Development Command of the United States Air Force, and Hill Tower, Inc., by which Hill Tower, owner and operator of the television transmitter tower used by WFAA-TV and KRLD-TV, authorizes the University to use its tower at Cedar Hill, Texas, in the performance of certain meteorological studies being carried on by the University under Research and Development Contract AF 19(604)-3498 between the University and the Air Force.

CONTRACTS: The following contracts have been executed by the official indicated. I recommend approval and ratification of signatures:

M-240 ✓  
M-646 ✓  
1. Agreement with Houston Endowment Inc., signed by Dr. H. H. Ransom, Vice-President and Provost, whereby Houston Endowment will pay the sum of \$25,000 in annual installments of \$5,000 each to establish a scholarship fund in support of a program of graduate teacher training to be administered by the Teacher Education Foundation.

M-573 ✓  
2. Extension until June 8, 1959, of Interagency Contract No. 4413-308, with the State Board of Water Engineers, signed by Dr. H. H. Ransom, Vice-President and Provost, and Mr. G. W. Landrum, Business Manager, whereby our Bureau of Business Research continues an investigation and projection of water consumption of the State of Texas of cities, towns, and municipalities.

M-569 ✓  
3. Interagency Contract No. 4413-347, with the Texas Game and Fish Commission, signed by Dr. Logan Wilson, President, whereby the University will furnish professional and other services for research concerning fish and shrimp stocks in Texas coastal waters for the purpose of better protection and conservation of same. The amount of the contract is \$30,000 for a two year period, 1959-60 and 1960-61.

M-599 ✓  
4. Interagency Contract No. 4413-349, with the State Board of Vocational Nurse Examiners, signed by Dr. H. H. Ransom, Vice-President and Provost, whereby the University will furnish clerical help and IBM machines to score Vocational Nurse examination answer sheets, payment to be at the rate of \$4.00 for scoring of the first one hundred answer sheets and \$3.00 per hundred thereafter, clerical work to be \$1.50 per hour, and the total amount not to exceed \$100.

-560 ✓  
5. Memorandum of Agreement with Institute of International Education, signed by Dr. H. H. Ransom, Vice-President and Provost, whereby the University will arrange a six-week orientation program for not less than 40 nor more than about 50 students selected from several nationalities, the program to begin on Thursday, July 23, 1959 and extend through Wednesday, September 2, 1959, the Institute to pay \$200 for tuition and fees and \$200 for maintenance for each student attending, guaranteeing payment for no less than forty students.

Contracts (continued)

6. Letter of Agreement with the Department of Health, Education, and Welfare, signed by Dr. H. H. Ransom, Vice-President and Provost, whereby the University will provide full-time training for approximately fourteen Turkish educators under the International Cooperation administrative program. The program will be in effect during the Second Semester, beginning as soon after February 6 as their arrival can be arranged, the following payments to be made: For services of an academic coordinator, \$1,500; tuition and fees, \$250 per person; and local travel not to exceed \$50.00 per person.

7. Contract with Western Union Telegraph Company, signed by Mr. G. W. Landrum, Business Manager, providing extension service on Civil Aeronautics Administration "C" network for the Department of Aeronautical Engineering at a monthly rate of \$46.50, the effective date being December 2, 1958.

GIFTS AND GRANTS: The following gifts and grants have been received at the Main University. I recommend acceptance and that the thanks and appreciation of the Board be sent by the Secretary to the donors except in the case of cash gifts of \$100 or less which I have been authorized to accept on behalf of the Board. In the case of scholarships where the recipient is specified by the donor, it has been ascertained that the donor is a charitable or public foundation and that the donation does not constitute an evasion of taxes.

1. The Aluminum Company of America, Rockdale, Texas, has given 2,000 pounds of aluminum pig to the Department of Mechanical Engineering. (M-3102)

2. Dr. E. H. Sellards, Director Emeritus, Bureau of Economic Geology, plans to present to the Bureau of Economic Geology his library of geological publications except those of the Geological Society of America. (M-3104)

3. The American Chemical Society has made a grant of \$6,300 for 1959-60 in support of the study, "To Modify Existing P-V-T Equipment and Determine Low Pressure P-V-T Properties and Virial Coefficients of Hydrocarbons," under the direction of Dr. J. J. McKetta, Professor of Chemical Engineering. Dr. McKetta had a similar grant in 1958-59. (3324) (M-2002)

4. The American Chemical Society has made a grant of \$12,330 to finance a study of the "Kinetics of the Reactions of Olefinic Gases with Sulfuric Acid" for a period of twenty-nine months beginning on or before April 1, 1959, under the direction of Dr. David Himmelblau, Assistant Professor of Chemical Engineering. A check for \$6,450 has been received, with a second check to be sent on or about September 1, 1960. (3381) (M-2002)

5. The American Chemical Society has made a grant of \$20,000 (to be paid in August, 1960), but no time limit within which money is to be spent. This is the third grant made for the study of "Electronic Structure of Atoms," under the direction of Dr. F. A. Matsen, Professor of Chemistry. (3669) (M-2002)

6. The American Petroleum Institute has renewed Project 47D for the period July 1, 1959-June 30, 1960, being research on "Solid-Fluid Interactions as Related to Petroleum Production," under the direction of Dr. Norman Hackerman, Professor of Chemistry. The amount of the grant has been increased from \$15,050 to \$15,700. (3670) (M-2002)

7. The Amoco Foundation has sent a check in the amount of \$2,500 for the American Oil Company Fellowship in Chemistry for the academic year 1959-60. (3479) (M-6631)

8. The M. N. Davidson Foundation has sent a check in the amount of \$500 for deposit in the M. N. Davidson Foundation Fellowships in Architecture. (3426) (M-6625)

9. The Tile Council of America has sent a check in the amount of \$750 to be deposited in the Prize and Scholarship account of the School of Architecture. (3468) (M-6625)

Gifts and Grants (continued)

10. The Association of Allergists for Mycological Investigations, Inc., has sent a check in the amount of \$2,980.45 for the Aerobiology Research Grant, in the Department of Bacteriology. (3352) *IV 2 1/2*

11. A check in the amount of \$200.67 has been received from the University Co-Operative Society for the Battle Memorial Fund, and has been applied to the available income of the William James Battle Scholarship in Classical Languages. (3339) *(M-61006) ✓*

12. Dr. Albert A. Bennett, Professor of Mathematics at Brown University, has sent a check in the amount of \$2,000 to be added to the principal of the A. A. Bennett Mathematics Prizes, formerly known as the Brown University Mathematics Prizes and established by Dr. Bennett in 1917. A portion of the income will be added to the principal and the other portion used for yearly prizes. (3332) *(M-5768) ✓*

13. Dr. Jerry McAfee of Pittsburgh, Pennsylvania, has sent a check in the amount of \$25.00 in support of the Bennett Mathematics Prize Competition. (3573) *(M-5703) ✓*

14. The Psychology Wives Club has made a gift of \$100 for deposit in the Karl M. Dallenbach Scholarship in Psychology. (3337) *(M-62022) ✓*

*Henry* 15. Forrest and Cotton of Dallas, Consulting Engineers, have sent a check in the amount of \$2,000 to be used to help finance an economic survey of Big Spring by the Bureau of Business Research. (3446) *(M-2556c) ✓*

16. Mr. F. J. Oppenheimer, President of the San Antonio Loan and Trust Company, has sent a check for \$5,000 representing income available from the Estate of Dwight D. Book for scholarships. *(M-6103) ✓*

17. A check for \$24.50, representing a balance of funds left over from the Spriegel appreciation dinner, has been deposited in the College of Business Administration Foundation Fund. (3184) *(M-2110) ✓*

*McKinn* 18. Mr. Clark W. Thompson, Jr., Houston, has sent a check for \$1,000 for the Accounting Education Fund. Mr. Thompson has also agreed to match up to a maximum of \$2,500 all contributions received in cash by this fund between the date of his gift and May 31, 1960. Other donations are as follows: (3396) (3408) (3409) *(M-2111) ✓*

<i>20</i>	Mr. B. G. Bronstad, Kilgore	\$ 10.00
	Mr. John C. Dunlap, Dallas	15.00
	Mr. James T. Fort, Corpus Christi	20.00
	Mrs. Crawford Godfrey, Shreveport, Louisiana	25.00
	Mrs. M. D. Gowland, Corpus Christi	10.00
	Mr. F. O. Griffin, Denver, Colorado	20.00
	Mr. Fred C. Groos, Jr., San Antonio	25.00
	Mr. Worth Johnson, Tyler	10.00
	Mr. Joe Norman, Jr., Bellaire	20.00
	Mr. Fred E. Pflughaupt, San Antonio	25.00
	Mr. Wayne P. Tenney, Austin	12.00
	Mr. Glenn A. Welsh, Austin	10.00
	Mr. Phillip H. Young, Dallas	10.00

19. The following contributions have been received for the Marquis G. Eaton Accounting Education Fund: (3516) (3528) (3409) ~~(M-2111a)~~

	Educational Foundation of the Texas Society of Certified Public Accountants, Inc., Dallas	\$1,500.00
	Mr. Donald R. Eaton, San Antonio	750.00
	Mr. Thornton C. Huddle, San Antonio	750.00
	Mr. L. H. Penney, San Francisco	25.00

20. Mr. E. P. Choice, New Orleans, Louisiana, has sent \$50.00 for prizes in the E. P. Choice Writing Contest for freshman students. (3425) ~~(M-2111a)~~

*M-5706*

## Gifts and Grants (continued)

21. A contribution of \$25.00 has been received from Pickett and Eckel, Inc., for deposit to the Conference for the Advancement of Science Teaching - Various Donors. (3298)

22. Delta Kappa Gamma has sent a check in the amount of \$3,000 to increase the Eula Lee Carter Scholarship Foundation from \$7,000 to \$10,000; and a check for \$4,000 to increase the Mamie Sue Bastian Foundation from \$6,000 to \$10,000. (3633) (3700)

23. Douglas Aircraft Company, Inc., Santa Monica, California, has sent a check in the amount of \$750 in support of a scholarship in aeronautical, electrical, or mechanical engineering during 1959-60. (3433)

24. The Ex-Students' Association has transmitted a check from Dow Chemical for \$110 representing matching grants of \$105 to the Engineering Foundation - and \$5.00 to the K. A. Kobe Memorial Fund. (3375)

25. The Dow Chemical Company has sent a check for \$2,500 in support of its fellowship for research on the chemistry of alkylene oxides in the Chemistry Department during the year 1958-59. The research is under the direction of Dr. L. F. Hatch.

26. The Hexter Foundation of Dallas has sent a check in the amount of \$3,850 for use by the Department of Drama in financing the touring of The Taming of the Shrew to Dallas in April. (3455)

27. The following contributions have been received for the Engineering Foundation:

— Chance Vought Aircraft, Incorporated, Dallas (3312)	\$15,000.00
— Cockrell Foundation, Houston (3663)	2,500.00
— Convair, Fort Worth (3520)	3,000.00
— Humble Oil & Refining Company, Houston (3319)	5,000.00
— Mr. Willard M. Johnson, Houston (3448)	500.00
— Magnet Cove Barium Corporation, Houston (3448)	500.00
— Mr. Allen D. Clark, Bellaire (3493)	20.00
— Mr. Charles F. Kalteyer, Bellaire (3362)	2.00
— Mr. Clem M. Massey, Baytown (3449)	24.00
— Mr. James W. Nicholas, Houston (3462)	20.00
— Mr. T. A. Pollard, Dallas (3365)	25.00
— Mr. Cecil W. Simpson, Lufkin (3362)	5.00
— Mr. J. A. Sizer, Houston (3449)	20.00
— Mr. James W. Winfrey, Houston (3306)	20.00
— Mr. Louis T. Yule, Baytown (3449)	25.00

28. Esso Research and Engineering Company, Linden, New Jersey, has sent a check in the amount of \$5,000 in aid of basic research in the Department of Chemical Engineering for 1959-60. (3529)

29. The American Association of Oilwell Drilling Contractors has sent a check in the amount of \$1,000 as the third quarter payment on its annual grant-in-aid to the Petroleum Extension Service Department of the Industrial and Business Training Bureau. (3376)

30. The Texas Restaurant Association has made a grant of \$1,000 for use in programs conducted by the Distributive Education Department of the Industrial and Business Training Bureau. (3491)

31. The Texas Electrical Joint Apprentice Committee has sent a check in the amount of \$650 as a quarterly payment on its annual grant to the Industrial Education Department of the Industrial and Business Training Bureau. (3474)

32. Oil Production Maintenance, Inc., Houston, has sent a check in the amount of \$2,000 for the Faculty Improvement Fund, Various Donors. (3581)

Gifts and Grants (continued)

33. The following contributions have been received for the endowment fund of the Fine Arts Foundation: (3411) (3688)

2150-

Miss Barbara Firestone, Port Arthur	\$ 6.00
Mr. Jerry Neil Smith, Henderson	6.00
Miss Evangeline Barrera	6.00
Mrs. Harry Bremner, Sacramento, California	6.00
Mary Ellen Keller Collies, Wilmington, Delaware	6.00
Mrs. Lester Caspar, Dallas	6.00
Mrs. Diane H. Finch, Austin	6.00
Miss Gerre E. Hancock, Lubbock	30.00
Mrs. Walton Donnie Mood, III, Baytown	6.00
Mrs. Gregorio Lopez, Jr., Waco	6.00
Mr. Winston Redwine, Stephenville	6.00
Mr. James G. Shea, Houston	6.00
Miss Kathleen Armstrong Thomerson, Menard	6.00
Miss Betty Jane Warner, Pittsburgh, Pennsylvania	30.00
Mr. Louis Gardner Lane, Cleveland, Ohio	30.00

2169.2

34. The Hobby Foundation of Houston has sent a check in the amount of \$1,000 for deposit to Friends of the Library, the money to be used for incidental expenses of the Bel Geddes Collection. (3399)

2068.2

35. The Minnie Stevens Piper Foundation, San Antonio, has made a grant of \$8,560 to the Department of Geology to prepare Video-tape General Geology Series by Dr. W. R. Meuhlberger and Radio-Television. (3330)

2168.2

36. A check for \$1,795.05 representing royalties from the Geology Department Laboratory Manual published by Harper & Brothers has been deposited to the Laboratory Manual Royalties, this fund to be used for alumni activities. (3490)

37. The following contributions have been received for various funds in the Department of Geology:

2164.2

Geology Foundation  
Various Donors

M-2117.2

Mr. W. F. Bowman, Houston (3445) (3494) (3562)	\$300.00
Mr. O. S. Petty, San Antonio (3612)	500.00
Schlumberger Foundation (3647)	500.00
Mr. Edwin T. Ashworth, Talara, Peru, South America (3591)	20.00
Mr. S. E. Clabaugh (royalty on Lab manual) (3518)	38.25
Mr. William D. Dockery, Jr., Austin (3634)	45.00
Mr. Conley R. Goodrum, Houston (3611)	5.00
Mr. Isaac W. Norman, Houston (3471)	10.00
Mr. Ed W. Owen, San Antonio (3610)	50.00
John J. and Rosalind Redfern Foundation, Midland (3457)	100.00
Mr. Joseph T. Smith, Jr., San Antonio (3458)	10.00

6354.2

Hal P. Bybee Memorial Scholarship Fund

M-6354d

Mr. John W. Brice, Tulsa, Oklahoma (3572)	\$100.00
Mr. W. H. Cardwell, Dallas (3444)	10.00
Mr. Royce Earl Lawson, Jr., Roswell, New Mexico (3459)	25.00
Mr. Abdulla H. Tariki, Jedda, Saudi Arabia (3460)	50.00
Income from anonymous trust fund (3461)	1,109.75
Mr. H. E. "Joe" Ward, Midland (3685)	10.00

6354.2

Cuyler Memorial Scholarship Fund

M-6354b

Ing. Teodoro Diaz-Gonzales, Monterrey, Mexico (3441) (3536)	\$430.00
Mr. Wayne F. Bowman, Houston (3494) (3562) (3445)	37.50
Mr. W. H. Cardwell, Dallas (3444)	10.00
Mr. and Mrs. Kemp D. Solcher, San Antonio (3646)	100.00
Mr. John L. Stripling, New York City (3443)	5.00

6354.2

Simonds Memorial Scholarship Fund

M-6354b

Mr. Wayne F. Bowman, Houston (3494) (3562) (3445)	\$ 37.50
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Bowman - Various Donors 300.00  
 Cuyler Mem. 37.50  
 Simonds Mem. 37.50  
 Student Loan 100  
775.00

Gifts and Grants (continued)  
Geology Foundation (continued)

Student Loan Fund

M-5517K

✓ Mr. Wayne F. Bowman, Houston (3445)	\$100.00
Mr. Donald M. Gray, Corpus Christi (3442)	10.00
Mr. Guy E. Green, San Antonio (3561)	100.00
Mr. John D. Tuohy, Talara, Peru, South America (3535)	25.00

38. A total of \$72.00 has been received for the German Play Scholarship Fund as follows: (3313) (3440)

Mr. George Schulz-Behrend	\$ 5.00
Miss Kate G. Winston	15.00
Miss Ruth Poole	2.00
Mr. L. M. Hollander	15.00
Mr. Don C. Travis, Jr.	10.00
Mr. Charles Holzworth	25.00

39. An additional \$500 has been given by Dr. Charles L. Green for the grant-in-aid for a blind female student from El Paso, Texas. (3463)

40. Miss Ima Hogg, Houston, has sent a check in the amount of \$879.65 to reimburse the Hogg Foundation for the amount which was promised to match the sum realized by the "Beautython" in Houston, the object of which was to supply equipment for the recreation hall at the State Hospital in Austin. (3569)

41. Mrs. Ben Powell has sent a check in the amount of \$31.25 to the Home Economics Nursery School for a Second Semester Scholarship in honor of Ben Powell V. The scholarship has been awarded to Mike McKinley. (3498)

42. Mr. David Botter has sent a check for \$50.00 as an award for the best example of excellent news writing to appear in The Daily Texan during the Second Semester. (3333)

43. The sum of \$167.50 has been added to the Paul J. Thompson Appreciation Fund, representing the balance in the Southwestern Journalism Congress Convention Fund. (3694)

44. The Jewish Federation of Fort Worth and the Tyler Federated Jewish Welfare Fund have each sent \$50.00 for the Kallah of Texas Rabbis Library Fund.

45. Mr. John D. McCall, Dallas, has sent a check in the amount of \$100 for deposit to the John Charles Townes Foundation Professional Salary Supplementation. (3398)

46. The Fundacion Creole, Caracas, Venezuela, has sent a check in the amount of \$4,203.58 for the acquisition of foreign materials related to the Latin-American legal systems. A total of \$4,700 was collected, but approximately \$500 spent for the purchase of books in Venezuela. The check will be deposited to the John Charles Townes Foundation - Law Library - Foreign Materials. (3340)

47. The J. W. and Cornelia R. Scarborough Foundation, Austin, has sent a check in the amount of \$1,000 to be deposited in the John Charles Townes Foundation Scholarships in Law. (3575)

48. The following contributions have been received for the John Charles Townes Foundation - Unallotted account: (3652)

Mr. Alfred Harry Ebert, Jr., Houston	\$ 6.00
Mr. Kyle Wheelus, Jr., Beaumont	7.00
Mr. Benjamin F. Knight, Jr., Austin	4.45
Mr. Larry Eugene Temple, Plainview	6.50
Mr. James Richard Harris, Corpus Christi	2.50
Mr. James Mack Ausburn, Jr., San Antonio	7.00
Mr. Virgil Eiland Cammack, Jr., Houston	3.95

Gifts and Grants (continued)

John Charles Townes Foundation - Unallotted Account (continued)

Mr. Theodore Paul Busch, Austin \$ 7.00  
 Mr. Michael Marvin Katz, Laredo 7.00  
 Mr. James Richard Coffee, Fort Worth 7.00  
 Mr. William Donald Armstrong, Lubbock 6.55

M-2284

M-6305

L-2325-b

7

2556d

M-6378

M-6173

2712.2

M-2323

2170

126643

6642

M-2190

49. The Sol Frank Uniforms, Inc., San Antonio, has given \$100 for the Longhorn Band Scholarship Fund. (3637)

50. Mr. D. M. McKeithan, Austin, has given \$98.75 (a royalty check) for the Aid and Publication Revolving Fund (Account No. [redacted]).

51. A total of \$551.86 has been deposited to the Machine Translation Program account. ([redacted]) (M-2033)

52. The City of Midland has made a grant of \$2,750 to help finance an economic survey of Midland and Midland County by the Bureau of Business Research. (3609)

53. A total of \$1,500 has been received drawn on the National Merit Scholarship Corporation Scholarship account and deposited to that company's account for Tuition Scholarships. Four checks of \$100 each were sent through the following companies: Santa Fe Foundation, Inc., The International Nickel Company, Inc., and Amoco Foundation, and Shell Companies Foundation; two checks for \$100 each through International Bus Machines, Inc. (3497)

54. The Pan American Petroleum Foundation, Inc., has sent a check for \$500 as a grant for the purchase of equipment given in connection with its Fellowship in Petroleum Engineering. [redacted]

55. Peat, Marwick, Mitchell & Company, Dallas, has sent a check in the amount of \$2,000 in support of a tax library, and has agreed to provide \$500 annually for the next five years to maintain this library. [redacted]

56. Mrs. M. W. Norwood, Houston, has sent a check for \$25.00 for the Hally Bryan Perry Fund. [redacted]

57. The following contributions have been received for the Pharmaceutical Foundation Scholarships and Fellowships:

Klinck Drug Store, Inc., McAllen	\$250.00	(3437)
San Antonio Retail Druggists Association	300.00	(3542)
Tarrant County Pharmaceutical Auxiliary	500.00	(3438)*
Texas Chapter of the American College of Apothecaries	200.00	(3407)
Ladies Auxiliary, Amarillo Pharmaceutical Association	25.00	(3686)

\*This organization also sent \$100 for the Pharmaceutical Foundation Endowment Fund. [redacted]

58. The American Foundation for Pharmaceutical Education has sent a check in the amount of \$300 representing a contribution of the Southwestern Drug Corporation of Dallas, which has been deposited to the Southwestern Drug Corporation account. (M-6136) ✓

59. Pool Finsec of Lausanne, Switzerland, has sent \$500 to extend the fellowship of Mr. Frank Siegel until July 1, 1959. (M-6650c) ✓

60. Southwestern Bell Telephone Company has sent checks totaling \$150 in support of the work of the Institute of Public Affairs, and the sum has been deposited to the Public Affairs Foundation - Various Donors - Unallotted. Mrs. T. C. Edwards, Palacios, has sent \$100 for the same purpose. (M-2200) ✓

61. Henry Holt and Company, New York City, has given \$1,000 to pay part of production costs for a series of German language video tapes. (M-2041)

Gifts and Grants (continued)

62. The following contributions have been received for the Salary Supplementation Fund: *M-2326*

• Austin Savings and Loan Association, Austin	\$500.00	(3450)
• Calcasieu Lumber Company, Austin	750.00	(3364)
• Mr. Joe Goeth, Austin	125.00	(3636)
• Kuehne, Brooks and Barr, Austin	250.00	(3651)
• Mutual Savings Institution, Austin	500.00	(3368)
• Tips Iron & Steel Company, Austin	250.00	(3431)
• Mr. O. S. Hockaday, Fort Worth	5.00	(3378)

63. The Lemuel Scarbrough Foundation has sent a check in the amount of \$1,000 for two \$500 awards for Excellence in Teaching. The awards, given to Dr. Otis A. Singletary, Department of History, and to Dr. W. O. Sutherland, Department of English, were presented at the Honors Day program on April 11. (3439) *M-5719*

64. A total of \$75.00 has been received for the E. P. Schoch Lectures in Chemical Engineering as follows: (3293) (3329) *(M-3106)*

• Mr. Douglas P. Bailey (3329)	\$ 15.00
• Dr. M. W. Kriegel (3329)	10.00
• Mr. P. L. Smith (3293)	50.00

65. Conyair, Fort Worth, has sent \$750 and Chance Vought Aircraft, Inc. \$600 for the Science-Mathematics Teaching Center Fellowship Fund. (3563) *M-6759*

66. Mr. Jean Autret, San Antonio, has sent \$5.00 for the Aaron Schaffer Memorial Scholarship Fund. (3571) *M-6751B*

67. The American Cyanamid Company, Fort Worth, has sent \$100 for the Scholarships for Institute on World History Teaching. (3586) *(M-2609)*

68. A check in the amount of \$5,000 has been received representing the University's portion of the fourth distribution of funds from the Sells Estate. (3400) *M-8230*

69. The Students' Association has sent a check in the amount of \$6.32 for the John Lang Sinclair Eyes of Texas Scholarship Fund, to be divided equally between the endowment fund and funds immediately available for scholarship awards. (3488) *M-6762*

70. Miss Mary Elizabeth Joyce, San Antonio, has given \$10.00 for the John Lang Sinclair Scholarship Fund to be placed at immediate disposal of the Committee. (3696) *M-6762*

71. Sinclair Research Laboratories, Inc., New York City, have sent a check in the amount of \$2,500 for its Fellowship in Petroleum Engineering for 1959-60. *M-6763*

72. The following contributions have been received for the Varicus Donors account of the Scholarships in School of Social Work: *(M-6753)*

• Council of Jewish Women, Dallas Section for the Spring award of the Reba M. Wadel Scholarship (3318)	\$900.00
• Mr. Joe Jenkins (3531)	10.00
• Mr. Walter E. Kuehne (3328)	5.00
• Donations in memory of the father of Dr. Mary E. Burns, Associate Professor of Social Work (3532)	31.00

73. Mr. David W. Barg of Houston has given \$125 for the Spain-Ieff Memorial Scholarship fund, and Miss Pauline Cohn of Pasadena, has given \$5.00 in memory of Harry Nelson. (3489) (3372) *(M-6766)*

74. Mr. Theodore Keelen, Austin, has given \$25.00 to the Speech and Hearing Clinic. (3343) *(M-2326)*

75. Embassy Chapter, Colonial Dames of the 17th Century, has given \$34.00 payable to the Kate Lewis Taylor Loan Fund. *(M-5541)*

Gifts and Grants (continued)

76. The George Davis Bivin Foundation, Inc., Cleveland, Ohio, has sent \$150 for the Teacher Education Foundation for scholarship purposes. (3410) *M-2240*
77. Tennessee Gas Transmission Company, Houston, has sent a check for \$176.80 to cover cost of transportation for group of faculty and students in Accounting for field trip to Tennessee installations in Houston. (3654) *M-3108*
78. The Texas Educational Secretaries Association has given \$200 for the cost of conducting the annual Work Conference for Educational Secretaries. (3366) *M-2712*
79. The Texas Public Relations Association each year designates as an annual award a \$200 scholarship to some School of Journalism within the state, this school to be picked by the concern in Texas which is selected as having done the best public relations work for the previous year. The First National Bank of Fort Worth was chosen for its public relations work, and in turn it has designated the School of Journalism of The University of Texas as the recipient of the scholarship award. A check for \$100, representing half of the scholarship, has been received. (3593) *(M-6752)*
- M-2114*  
80. The Texas Savings and Loan League has contributed \$4,000, deposited in Texas Savings and Loan League Grant - Various Purposes. (3377) - ~~M-2114~~
81. The Texas Society for Crippled Children, Dallas, plans to give a summer workshop scholarship grant in the amount of \$265.50 for training in special education, covering six tuition scholarships in the amount of \$44.25 each. (3704) *(M-6807)*
82. The Edgar G. Tobin Foundation has sent a check for \$10,000 for Friends of the Library, representing the second payment on the purchase of the Bell Geddes Collection. (3584) *to E. W. ... M-711*
83. United Fund of Austin and Travis County has sent a check in the amount of \$2,500 for the United Fund of Austin and Travis County Cancer Research Fund. (3587) *(M-2093)*
84. Two checks have been received from United Cerebral Palsy for deposit as follows: \$1,000, representing payment of the first quarterly installment of the United Cerebral Palsy grant for summer workshops; and \$1,440 to be deposited to United Cerebral Palsy Fellowship Program, Office, Travel and Operating Expense. (3305) *(M-2093)*
85. Universal Oil Products Company, Des Plaines, Illinois, has sent a check for \$1,500 to continue its scholarship program for the assistance of deserving students in Chemical Engineering for 1959-60. Of the amount \$500 is to be used to augment the general funds of the Department of Chemical Engineering. (3395) *(M-6853)*
86. The following have been received for deposit to Scholarships for Institute on World History Teaching: *(M-2609)*
- |  |          |        |
|--|----------|--------|
| <i>✓</i> Cameron Iron Works, Inc.                | \$400.00 | (3363) |
| Texas Electric Service Company <i>(M-6802.b)</i> | 600.00   | (3311) |
87. The Varsity Carnival has given \$500 to Radio-Television for the FM radio station account. *(M-6700)*
88. Arthur Young & Company Foundation, Inc., Houston, has sent a check in the amount of \$500 for the 1958-59 Arthur Young & Company Foundation Fellowship in accounting. *(M-6931)*
89. The Woodrow Wilson National Fellowship check for \$2,000, reported in the March docket, was returned to the Foundation since the man selected for the Woodrow Wilson Fellowship did not qualify under its terms. (3547) *(M-6707.b)*
90. The Woman's Federation (Austin) has sent a check in the amount of \$600 to be deposited to the Lee Lytton Smith Scholarship Fund endowment. (3699) *(M-6763.b)*

Gifts and Grants (continued)

91. The following has been received for the account "Scholarships Designated by Various Donors": (M-6752) ←

Food Fair Stores Foundation \$1,000 Ervin Y. Rodin (3456)

92. The Architect Student Wives Club has sent \$30.00 to be used to purchase books for the Architecture Library. (M-2700) ←

93. The March docket (Item 62) reported a Union Carbide Educational Fund check in the amount of \$343 had been received for 1958-59, naming Mr. Pesek as recipient. The scholarship should have been designated as in Chemical Engineering. (M-6851) ←

94. In Item 91 of the March docket, the total of the check from Union Carbide Educational Foundation Fund was incorrectly given as \$599.80 instead of \$559.80. (M-6851) ←

95. The March docket reported the following amounts in a total but failed to list the names of the following whose gifts to the Law School exceeded \$100:

Scholarships in Law (M-2200) ←  
 Hvass, Weisman, Peterson, King & Schwappach, Minneapolis, Minnesota \$350.00  
 Mr. H. M. Harrington, Jr., Longview 250.00

Wright Chalfant Morrow Fund (M-2262) ←  
 Mr. Wright Morrow, Houston \$300.00

Frank Bobbitt Fund (M-6815)?  
 Mr. Reg L. Jones, Bellaire \$250.00

Unallotted (M-2254)?  
 Mr. Carl Runge, San Angelo \$250.00

96. In Item 72 of the March docket, a total of \$8,713.75 was shown as given to the Geology Foundation - Various Donors. Through error Mr. W. F. Bowman's contribution of \$300 was omitted from the list of those giving in excess of \$100, and also the donation to the Cuyler Memorial Fund by Mr. Frank W. Michaux in the amount of \$150. (M-6354b) ←

DEPARTMENTAL BUDGET APPROPRIATIONS TO BE INCREASED BY CREDITS FOR SALES RECEIPTS: I recommend approval of the following submitted by Mr. Grady Starnes, Auditor: (3406)

"It is our recommendation that account #1800 - Budget Estimates, be increased in the total sum of \$20,191.00, and such sums be charged to the indicated Estimated Income accounts for Credits for Sales. We also recommend that each departmental appropriation account be credited with the like sum received by each department: such appropriation to be made from account #2900 - Unappropriated Balance.

Account Number	Title	Amount	Transfer to Account Number
<u>Credits for Sales</u>			
<u>General Expenses</u>			
13661	Office of the Registrar	\$ 39.43	14522
13663	Student Health Center - Out Patient Division	176.25	14602
13667	Official Publications	692.37	14681
13678	University Film Program	155.50	15000
<u>Resident Instruction and Departmental Research</u>			
13702	Bacteriology	513.90	15621
13704	Chemistry	11,162.41	15662
13705	Classical Languages	1.00*	15681
13710	Germanic Languages	8.75	15781

Departmental Budget Appropriations to be Increased by Credits for Sales Receipts (continued)

<u>Account Number</u>	<u>Title</u>	<u>Amount</u>	<u>Transfer to Account Number</u>
	<u>Resident Instruction and Departmental Research (continued)</u>		
13713	Home Economics	\$ 12.25	15841
13717	Physics	61.57	15921
13723	Zoology	25.00	16041
13756	Chemical Engineering	147.55	17961
13757	Civil Engineering	549.35	17981
13759	Electrical Engineering	49.50	18021
13761	Mechanical Engineering	714.35	18061
13762	Petroleum Engineering	1,113.80	18081
13768	Art	29.72	18901
13771	Office of the Dean - College of Fine Arts	100.00	18961
13771	Office of the Dean - College of Fine Arts	7.50	18962
13785	College of Pharmacy	750.00	19402
13799	Physical Training for Men	1.00*	20001
13800	Physical Training for Women	360.70	20103
13801	Intramural Athletics for Men	20.85	20202
	<u>Organized Research</u>		
13826	Institute of Public Affairs	275.74	23581
13833	Library	206.05	25905
	<u>Physical Plant</u>		
13837	Department of Buildings and Grounds	177.96	26250
13839	Department of Physical Plant Maintenance	96.50	26580
13841	Department of Utilities	631.05	27040
13843	The Balcones Research Center	20.00	27523
	<u>Organized Activities Relating to Instructional Departments</u>		
13845	Radio-Television	1,616.88	28103
13847	Testing and Counseling Center - Extension Division	451.87	28202
	<u>Public Appropriations Credits for Sales</u>		
13950	Bureau of Public School Service	9.15	25301
13965	Package Loan Library	17.05	25482
	<b>TOTAL</b>	<u>\$20,191.00</u>	

\*Deduct

*400i* TUITION ON NET FEE BASIS AT REGISTRATION: Present procedures require that practically all students (unusual hardship cases excluded) pay full tuition charge at the approved full-time rate each semester or summer session without regard to the number of semester hours for which such student is enrolled, a refund being made later in the session if for less than a full-time load. Mr. Byron Shipp, Registrar, and Mr. Grady Starnes, Auditor, with the approval of Mr. G. W. Landrum, Business Office, and Mr. H. Y. McCown, Dean of Student Services, feel that internal control procedures can be adequately maintained if the policy is adopted whereby all students who are taking less than a full load in either the long session or summer session may be permitted to enroll and pay the net tuition due for such semester hours. I recommend approval of this policy and of the following procedures to inaugurate it:

1. Authorize net fee billing basis for those students taking less than a full-time load.
2. Registrar will assume responsibility<sup>for</sup> indicating the number of hours on permit cards for which the student is to be billed.
3. Registrar to have responsibility for control on add courses (no courses to be added until Bursar has billed and collected the net additional fee).

Tuition on Net Fee Basis at Registration (continued)

4. Bursar to compute fee to be billed based on hours indicated by Registrar.
5. Records in Registrar's office to be available for checking by the Auditor's Office to determine accuracy of net fee billing procedures. Such check to be made after all add courses have been posted by Registrar.

(3412)

FACULTY LEGISLATION: I recommend approval of the following legislation passed by the Faculty Council and/or General Faculty:

1. The Faculty Council at its meeting of March 16, 1959, passed the following:

- (1) That classes be suspended from 12-2 p.m., Friday, April 10, 1959, to participate in special activities planned for "Western Day" (D&P 2670).
- (2) That classes be suspended on Honors Day on Saturday, April 11, from 10 a.m. to 11 a.m.

2. The Faculty Council at its meeting on March 31, 1959, approved by the circularization procedure the proposal of the College of Business Administration to revise the Engineering route to the Degree of Bachelor of Business Administration (D&P 2672-73), copy of which is attached hereto as Appendix A.

3. The Faculty Council at its meeting of April 20, 1959, approved the proposal of the College of Engineering for changes in degree programs for the Bachelor of Engineering Degrees (D&P 2679-94), copy of which is attached hereto as Appendix B.

4. The Faculty Council approved on April 20, 1959, by the circularization procedure the proposal of the College of Engineering to drop the Bachelor of Science Degree in Meteorology at such time as the Engineering Science Program is approved by the Faculty and Board of Regents, the Meteorology Program to be incorporated into the Engineering Science Program where twenty-seven hours of options in Meteorology will be offered (D&P 2677).

5. The General Faculty at its meeting on May 12, 1959, approved the following amendment regarding filling of vacancies occurring on the Faculty Council:

The Vice-President and Provost shall inform the Secretary of the General Faculty of any vacancy as soon as possible after the vacancy has been created. The vacancy shall be filled in the order of preferential ranking from the panel of candidates from which the member whose seat has become vacant was elected.

6. The Faculty Council at its meeting of May 18, 1959, approved the proposed change in the eligibility for initiation regulations recommended by the Committee on Student Organizations Maintaining Houses (D&P 2707), copy of which is attached hereto as Appendix C.

7. The Faculty Council at its meeting on May 18, 1959, passed the scholastic probation recommendation in the Summer Session submitted by the Deans' Council (D&P 2711), copy of which is attached hereto as Appendix D.

8. The Faculty Council at its meeting on May 18, 1959, approved changing the name of the Department of Aeronautical Engineering to the Department of Aero-Space Engineering and changing Degree Plan I in Aeronautical Engineering to Degree Plan I in Aero-Space Engineering.

Faculty Legislation (continued)

9. The Faculty Council by the circularization procedure on May 18, 1959, approved the proposed changes in the catalogue of the School of Architecture (D&P 2708-9), copy of which is attached hereto as Appendix B, F,

PURCHASES FROM STAFF MEMBERS: I recommend approval of the following purchases from staff members:

1. The Board of Directors of the Texas Union to purchase from each individual artist the eight original oil paintings, the prints of which make up the Forty Acres Folio. Each of the following artists submitted a purchase price as follows: "View from the Tower" by Michael Frary, \$350.00; "Blue Norther over Campus" by Ralph White, \$300.00; "Moon over Littlefield" by Donald L. Weismann, \$250.00; "Old Library Building" by John Guerin, \$300.00; "The Fountain and the Tower" by Kelly Fearing, \$400.00; "The Professor and the Mustangs" by Luis Eric Eades, \$150.00; "Morning Silhouette" by Hiram D. Williams, \$150.00; and "Roundup Parade" by Stephen Magada, \$250.00.

2. The Testing and Counseling Center to purchase the CIA Tests of Reading (a part of the battery for the classification of students in freshman English) from Guidance Testing Associates, Austin, a non-profit educational corporation of which Dr. H. T. Manuel, Professor of Educational Psychology (modified service) is chief executive. The tests were published by the Cooperative Test division in New York but they have recently discontinued its distribution and it can be secured now only from Guidance Testing Associates. In a recent invitation to bid on these tests, Guidance Testing Associates was the only one replying.

SALES TO STAFF MEMBERS: I recommend sale of the University property to the staff members as follows:

1. Three shelves, Storage, 5 x 3 ft., pine, Walnut Finish, Inventory No. 040120, from the Office of Auditor, Oil and Gas Production, by Mrs. Louise C. Harwood, Land and Title Registrar, Auditing Oil and Gas Production for \$3.00. Mrs. Harwood was the only bidder in response to sealed bids on miscellaneous furniture.

2. One Hammett's Four-Harness Foot-Treadle Loom #401, 45" reels, 800 heddles, with treadles, with spool rack, 58-1/2" wide, 50" deep, 56-1/2" high, equipped with 12 reels, wood light finish, Inv. No. BS-723, declared as surplus equipment by the Bureau of Laboratory Schools, Casis School, by Miss Doris Coulter, Assistant Professor of Art, for \$20.00. This was the price indicated for the loom when put out to bids by our Purchasing Office, but no bids were received. So the offer of Miss Coulter seems reasonable and is acceptable to Casis School.

REPLACEMENT OF DINING ROOM FURNITURE IN THE UNIVERSITY CAFETERIA: On M-210f recommendation of Mr. G. W. Landrum, Business Manager, I recommend that an account be set up in the Auxiliary Enterprises' series of accounts entitled Replacement of Furniture in the University Cafeteria in the amount of \$20,000, to be transferred from Account No. 4350, Division of Housing and Food Service - Major Repairs, Remodeling and Replacement, and Operating Reserve Fund. New furniture, more in keeping with the decoration planned for the expanded Union, can be purchased for approximately \$3,000 more than the cost of refinishing the old furniture, and it is the recommendation of those concerned that this be done. I concur.

MILITARY LEAVES: I recommend approval of the following leaves for staff serving in the military reserve program:

Mr. G. H. Ayres, Professor of Chemistry - March 2-14, 1959  
 Mr. A. M. Cory, Associate Professor of English - May 30-June 14, 1959  
 Mr. W. E. Barron, Director, Southwest School Administration Center -  
 May 4-15, 1959  
 Mr. Hugh A. Greene, Radio-Television Writer-Producer - May 31-June 14, 1959  
 Mr. C. C. Nolen, Director, Texas Union - May 29-June 12, 1959  
 Mr. R. M. Adams, Research Scientist (Mathematics) IV - May 25-June 8, 1959  
 Mr. E. F. Gloyne, Associate Professor of Civil Engineering, June 6-20, 1959

UNIVERSITY FELLOWSHIPS: On recommendation of the proper committee, the following awards have been made:

Second Semester, 1958-59

Non-resident Graduate Tuition Scholarships

Research Assistants

Kenneth William Bartz	Wisconsin
John H. Bedenbaugh	South Carolina
Robert John Beyers	Florida
Louis Eugene Bodnar	Canada
Tsueng-Hsing Chang	China
Mo-Shing Chen	China
Martin Emile Chenevert	Louisiana
James Thomas Duff	Ohio
Leon Sebring Dure	Virginia
Charles L. Eastlack	New Jersey
Charles Allen Edwards	Maryland
Richard L. Every	Oklahoma
Albino Edward Fantini	Pennsylvania
Olin Stafford Fearing	Kansas
Yuri Wha-Yul Han	Korea
William Franklin Harris	New Mexico
Andrew Stephen Kester	Pennsylvania
David Harryman Lively	Maryland
William Charles McDonald	Kansas
James Robert MacPherson	Montana
Walter Nader	Canada
Maxwell William Nimeck	Canada
Bruce Covell Parker	Connecticut
Aaron Rosenfield	Massachusetts
Paul Klenett Salzman	New York
Barbara Grace Silverman	Rhode Island
David Sohn	New York
Jui-Chung Wang	China
Wei Jiun Wang	China
Lewis Chinsun Yen	China
James Bryan Zachry	Mississippi

Miscellaneous Fellowship Holders

Marvin Jerome Brodsky	New York
Charles J. Brown	Mississippi
Carolyn Ann Graham	Illinois
Tzu-Liang Kang	China
Tao Ping Li	China
Lynn Hiram Throckmorton	Nebraska
Donald John Veldman	Michigan
Rolland Good Walters	Colorado

Teaching Assistants

Thomas Richard Ahearn	Pennsylvania
Tilo Arthur Alt	Germany
Minha Gangadhara Setty Anantha Padmanabha Setty	India
Ernst Arends	Germany
Gerald Aronowitz	Tennessee
Mary Ann Beard	Kansas
Barbara Booth	Pennsylvania
Luther Wadsworth Bridges	Maine
John Joseph Brosky	Pennsylvania
Wanda Sue Brown	Arkansas
Richard Lee Burroughs	Michigan
Margaret Jean Chittenden	
William Gerald Claxton	Mississippi
Joseph Lawrence Conrad	Missouri
Mary Jane Cook	District of Columbia
George Samuel Culbertson	Louisiana
Andrew DeCarlo	Ohio

University Fellowships (continued)  
 Second Semester, 1958-59 (continued)  
Non-resident Graduate Tuition Scholarships (continued)

Teaching Assistants  
 (continued)

William Chaplain Dent	Arkansas
Thomas O. Depperschmidt	Kansas
George Earl Drewry	Tennessee
Leon Vinson Driskell	Georgia
Lloyd Phillip Farrar	South Carolina
Maurice Emile Fleury	Maine
Thomas Jewell Freeman	Arkansas
Lawrence O. Frye	New York
Paul Frank Geiger	Pennsylvania
Charles Alfred Greathouse	Tennessee
James Luther Green	Arkansas
John Theodore Grupenhoff	Ohio
Mieko Shimizu Han	Japan
John Sterling Harris	Utah
Martin Heflin	Florida
James Joseph Hill	Pennsylvania
William Pierce Hinds	Massachusetts
Charles Morris Hoskin	Ohio
Ke Chiang Hou	China
Chung Hsia Huang	China
James Riley Huber	New Mexico
Evan Cramer Jenkins	Nebraska
Johnny F. Kerr	Arkansas
Martha Leah Kunkel	New York
William Wie Liam Kwie	Indonesia
Robert G. Landolt	Kentucky
Harold Emerson Laughlin	Oklahoma
Ernest Lucero	Colorado
William L. McCorkle	Missouri
Gisela B. Mahoney	Bolivia
John Fred Mauk	Pennsylvania
Jaspal Singh Mayell	India
Hugh Edwin Meredith	Oklahoma
Ted Corneille Michaud	Indiana
Emily Rairdon Miquelle	New York
Glenn Allen Mitchell	Florida
Munisamappa Narayana	India
Norma Simmons Newton	New York
Robert Stirling Newton	New York
Stanley Frank Nosal	Illinois
Ronald D. Poshusta	Iowa
Gene A. Pratt	Utah
Ann Wendy Preston	England
B. Robert Rafferty	New Mexico
Kiran Jaspantlal Randeri	India
Arthur Murray Reader	New York
Richard William Reichhardt	Wisconsin
Robert Ross Rinehart	California
Cecelia M. Schake	Ohio
Leonard Gerald Schifrin	New York
Charles McCammon Schlaudt	South Carolina
Karl Heinrich Schober	Germany
Harriet Scott Scott	California
Richard David Seidler	Pennsylvania
Ram Krishan Sharma	India
Kishore Ramjibhai Sheth	India
Robert Gebhardt Sidnell	Ohio
Leland Francis Silver	California
Charles Stanley Stahl	Nebraska
Dewey Allen Stokes	Arkansas
John Lee Swanay	California
Chavarche Tchalekian	Egypt
Weldon E. Thornton	Georgia

University Fellowships (continued)  
Second Semester, 1958-59 (continued)  
Non-resident Graduate Tuition Scholarships (continued)

Teaching Assistants  
 (continued)

Ralph Burton Turner	Virginia
Robert LaBranche Van Dusen	Connecticut
Emma Jean Walker	Missouri
Lloyd Alan Walser	Oklahoma
Joel Smith Wakins	Arkansas
Copeland C. Whitehead	Arizona
William Pope Wilbert	Louisiana
Paul Edward Wilhelm	Kansas
Alice You-Lan Yao	China
Kwang Yuen Zee-Cheng	China

Fellowships Holders

William Wayne Ballard	Arkansas
Neil Sheldon Berman	Wisconsin
Robert Alvin Campbell	Pennsylvania
Donald Bolon Cooper	Ohio
Norval Dwight Glenn	New Mexico
Marvin Goldwert	New York
Thomas Richard Graham	Illinois
Larry Ronald Hoffman	Iowa
Howard S. Irwin	Washington
Peter F. M. McLoughlin	Canada
Hezzie Boyd McWhorter	Georgia
Marion David Socolofsky	Kansas
Wayne Earl Thum	California

Lecturers

Dodds Ireton Buchanan	Wyoming
Charles G. Davies	Colorado
Charles Meeker Dorn	Tennessee
Joseph R. Ellis	North Carolina
William Katz	New York
Robert David Price	New York
Mildred Burl Vance	Arkansas

Student Assistants

Satyaker Nath Agrawal	India
Cheng Chien Hsu	China
Alva Ray Stephens	Oklahoma

Graduate Students

Jack Edward Capehart	Oklahoma
Robert Sammie Edwards	Georgia
Ahmed Said M. T. El Dewy	Egypt
Mahmud Ibrahim ELlaissi	U. A. R.
Daurice Wilson Frick	Maryland
Jack Benton Gabbert	Missouri
Camille Carol Hanlon	Louisiana
Wail Ibrahim Hashem	Jordan
Ning Kong	China
Howard William Law	Arkansas
Kuang-chi Liu	China
Unver Undar Orer	Turkey
Patricia Verdi Raab	California
Seward Eliot Robb	Wyoming
Richard Ashby Robison	Utah
John Burton Sanders	Oklahoma
Carolyn Wood Sherif	Oklahoma

University Fellowships (continued)  
 Second Semester, 1958-59 (continued)  
 Non-resident Graduate Tuition Scholarships (continued)

Graduate Students  
 (continued)

Ronald Jay Silvers	Florida
John Roberts Stabler	Texas
Rosemarie Straeussnigg	Austria
Milan King Yager	Florida

Foreign Student Tuition Scholarships

Sponsored Students

Erik Bjarre	Norway
Odile Brenier	France
Gunilla Ersman	Sweden
Hermann Grill	Austria
Raruey Panichpak	Thailand
George Wakim	Lebanon

Non-sponsored Undergraduate Students

John E. Asfour	Jordan
Roosevelt Awong	Trinidad, B.W.I.
Habibollah Bahadori	Iran
Surinder K. Bhagat	India
George Bordecosh	Lebanon
Albert Bergman	Germany
Hi Dong Chai	Korea
John Csaba	Hungary
Indravadan Dhruv	India
Miguel Espinosa	Mexico
Zahi Hanna Faranish	Israel
Andrew Fono	Hungary
Abdel Aziz Gadalla	Egypt, U.A.R.
Souraya Habib Gadalla	Egypt, U.A.R.
Kevork Ghazarian	Lebanon
Elias S. Hanna	Syria, U.A.R.
Eftekhar Hedjazi	Iran
Cornelis Hoogendam	Holland
Takeko Hara Itakura	Japan
Hossein Kazemi	Iran
Chang Yul Kim	Korea
Nak Joon Kim	Korea
Ursula Klein	Germany
Vimal Kochhar	India
Magne Kristiansen	Norway
Yuoh Ku	China
Byung Don Lee	Korea
Chang Hwan Lee	Korea
Chin Loon Leo	Malaya
Chi-Yuan Ling	China
Jack Loh	China
Muhidin Majzoub	Lebanon
Sami F. Masri	Lebanon
Rameschandra Mehta	India
Enrique Merikanakas	Mexico
Tauyoshi Minobe	Japan
Adeeb Abbas Mohamad	Lebanon
Yucsef Mabhani	Lebanon
Yuzo Naritomi	Japan
Mansour Nikkhab-Bahrami	Iran
Nobue Nohtomi	Japan
Mady Som Hwa Oen	Indonesia
Ervin Rodin	Israel
Yusuf Rashid Samman	Syria, U.A.R.

University Fellowships (continued)  
Foreign Student Tuition Scholarships (continued)

Non-sponsored Undergraduate Students  
(continued)

Esber I. Shaheen	Lebanon
Ranjit N. Sitlani	India
Constantine Sotiriou	Greece
Julian Suez	Hong Kong
Cesar Sylva	Ecuador
Hsuan-Heng Wang	China
Harish P. Vora	India

1959 Summer Session - University Fellowships

<u>Satyakar Nath Agrawal</u> - Industrial Engineering Permanent Address: India B.S. - Central Hindu College	\$500.00
<u>Paul Thompson Armitstead</u> - History Permanent Address: Austin, Texas B.A. - The University of Nebraska M.A. - The University of Texas	600.00
<u>Margie Noel Thomas Averitt</u> - English Permanent Address: Austin, Texas B.A. - The University of Texas	500.00
<u>Arnold Melvin Barban</u> - Marketing Permanent Address: San Antonio, Texas B.B.A. - The University of Texas	500.00
<u>Beryl A. Bradley</u> - English Permanent Address: Austin, Texas	500.00
<u>Robert Cletus Brady</u> - Sociology Permanent Address: Dallas, Texas A.B. - Saint Mary's University M.A. - The University of Texas	600.00
<u>John Joseph Brooky</u> - Economics Permanent Address: Scranton, Pennsylvania B.S. - Lehigh University M.B.A. - Lehigh University	600.00
<u>Edward Bunnenberg</u> - Chemistry Permanent Address: Wichita Falls, Texas B.S. - Oklahoma University	600.00
<u>Joseph L. Conrad</u> - German Permanent Address: Kansas City, Missouri A.A. - Kansas City Junior College A.B. - The University of Kansas	600.00
<u>Leon Vinson Driskell</u> - English Permanent Address - Athens, Georgia B.A. - The University of Georgia M.A. - The University of Georgia	600.00
<u>Ralph Neal Gassman</u> - Marketing Permanent Address: Austin, Texas B.B.A. - The University of Texas	500.00
<u>Robert Armistead Hasty</u> - Chemistry Permanent Address: Dallas, Texas B.S. - The University of Texas	500.00

University Fellowships (continued)  
 1959 Summer Session - University Fellowships (continued)

<u>Elwyn Kent Hughes</u> - Music	\$600.00
Permanent Address: Wichita Falls, Texas	
B.M. - Eastman School of Music	
M.M. - Eastman School of Music	
<u>William Andrew Larsen</u> - History	600.00
Permanent Address: Dallas, Texas	
B.A. - Hendrix College	
M.A. - University of North Carolina	
<u>Milos Machacek</u> - Physics	500.00
Permanent Address: Austin, Texas	
B.S. - The University of Texas	
<u>H. Maxwell Quertermous</u> - English	600.00
Permanent Address: Mariana, Arkansas	
B.A. - The University of Arkansas	
M.A. - The University of Iowa	
<u>Patricia Verdi Raab</u> - Anthropology	500.00
Permanent Address: Berkeley, California	
B.A. - The University of California	
<u>Tom Davidson Reynolds</u> - Sanitary Engineering	500.00
Permanent Address: Victoria, Texas	
B.S.C.E. - Texas A & M College	
<u>Gerald Herbert Slusser</u> - Education	500.00
Permanent Address: Austin, Texas	
B.A. - Southern Methodist University	
B.D. - Austin Presbyterian Seminary	
<u>Robert Boyce Sweeney</u> - Business Administration	600.00
Permanent Address: Corpus Christi, Texas	
B.B.A. - The University of Texas	
M.B.A. - The University of Texas	
<u>Izumi Taniguchi</u> - Economics	600.00
Permanent Address: San Benito, Texas	
B.B.A. - The University of Houston	
M.B.A. - The University of Houston	
<u>Weldon Elijah Thornton</u> - English	600.00
Permanent Address: Austin, Texas	
B.A. - Mercer University	
M.A. - Emory University	
<u>Albert H. Wehe</u> - Chemical Engineering	600.00
Permanent Address: Austin, Texas	
B.S. - Louisiana State University	
M.S. - Louisiana State University	
<u>Max Roger Westbrook</u> - English	600.00
Permanent Address: Pine Bluff, Arkansas	
B.A. - Baylor University	
M.A. - University of Oklahoma	
<u>Leon Otto Wilken</u> - Pharmacy	600.00
Permanent Address: Austin, Texas	
B.A. - Loyola University	
M.S. - The University of Texas	

University Fellowships (continued)1959 Summer Session - University Fellowships (continued)

Billy H. Wilkins - Economics \$600.00  
 Permanent Address: Corpus Christi, Texas  
 A.A. - Del Mar College  
 B.B.A. - Texas A & I College  
 M.S. - Texas A & I College

Sidney M. Willhelm - Sociology 600.00  
 Permanent Address: Galveston, Texas  
 B.A. - The University of Texas  
 M.A. - The University of Texas

Virgil Williams - Sociology 600.00  
 Permanent Address: Austin, Texas  
 B.A. - The University of Texas  
 M.A. - The University of Texas

SCHOLARSHIPS, PRIZES, AND FELLOWSHIPS, NON-UNIVERSITY: Upon recommendation of the proper committee the following awards have been made:

A. Bennett (formerly Brown University) Calculus Prize (3703)  
 Arthur N. Chester \$ 15.00

W. J. Bryan Prize in Government - \$50.00  
 John T. Rader (3608)

E. P. Choice Short Story Contest (3653)  
 First Prize - \$25.00 - Mary P. Taylor  
 Second Prize - \$15.00 - Sharon Lee McLain  
 Third Prize - \$10.00 - Raymond Hanson

The Isaac McKinney Lewis Memorial Fund in Bacteriology (3429)  
 Mrs. Nancy Cheek Weaver \$ 25.00

The Georgia B. Lucas Poetry Prize (3661)  
 First Prize - \$25.00 - Donald B. Carroll  
 Second Prize - \$15.00 - James Neyland  
 Third Prize - \$10.00 - S. Gosnell

1958-59

Curtain Club Service Scholarship - \$50.00 each (3645)  
 Sigrd Skousgard Jack Edward Blake  
 Roberta Louise Stephenson Homer Martinez Barrera

Fine Arts Foundation Scholarship (3355)  
 Barbara Louise Smith \$100.00

Pharmacy - Drug Travellers (3476)  
 Erwin Franke \$100.00

Charles Donnell Rice Scholarship in Mathematics (3625)  
 Kathleen M. Ray \$ 90.00

Second Semester, 1958-59

B & H Instrument Company - \$250.00 each (3303)  
 Don Wilson Barry Doyle Lynn Davis  
 George Vernon Hamilton Jerry Deane Shrimpton

Henry Beckman Scholarship and Slide Rule Proficiency Award  
 John A. Rawlins \$100.00

Bell Foundation Incorporated (3326)  
 Richard B. Brown \$500.00

Business Administration Foundation Scholarships - \$250.00 each (3405)  
 Jerrold C. Bjork Mary Patricia Edgar  
 Clifford Dale Chandler Ronald Raymond

Scholarships, Prizes, and Fellowships, Non-University (continued)Second Semester, 1958-59 (continued)James Walker Cain, Jr. Scholarship in Geology (3524)

Thomas W. Todd	\$600.00
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Lilia M. Casis Spanish Research Fund (3379)

Gerardo Saenz	\$150.00
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College of Arts and Sciences - Scholarships for Junior Fellows - \$250.00 each

Jimmy Lee Barid	Robert Drew Morse
Fred Andrew Blum, Jr.	Michael D. Muncy
Major William Bradshaw	Herbert Oscar Muecke
Duane F. Burrow	John D. Nelson
Pat English Clark	Joe Thomas Powell
Nancy Jean Cotton	Terrence Wendall Pratt
Margaret Grace Ellinger	Sylvia Foster Price
Carol Louise Hale	Sally Christine Rundquist
Michael S. Harris	Michael Bryant Stroud
Cynthia Anne Huxoll	Carol Ann Sullivan
Harvey Michael Jones	Robert Allen Venable
Maria Elinor Medina	Robbie Ann Walters

College of Arts and Sciences - Scholarships - Superior Students

John H. Jenkins, III	\$250.00
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Engineering Foundation - \$150.00 each (3310)

Robert W. Crowell	Michael C. Fischer
David Feuerbacher	Landon Kelsey
James B. Logan	Wilbert Mynar
Larry Williams	

Humble Oil and Refining Company Fellowship in Accounting (3447)

Russell C. Apple	\$150.00
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Institute of Marine Science (3564)

Donald Winston	\$150.00
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Longhorn Band Scholarship (3415)

Donn Adelman	\$25.00
David Barnard	25.00
David Butler	25.00
Bobby Foster	50.00
Raul Gutierrez	25.00
Rob Hewlett	25.00
Allan Koeppe	25.00
Dick Kuhn	25.00
Herbert Lehman	25.00
Budge Mabry	50.00
Rene Menchaca	25.00
Danny Mills	25.00
Ken Nietenhoefer	25.00
Rogelio Ramirez	25.00
Mary Virginia Schulz	25.00
Shelby Sharpe	25.00
Matt Tucker	25.00
Robbine Walters	50.00
Grace Wiederaenders	25.00

Longhorn Band General Funds (3626)

Travis Meitzen	\$25.00
Melvin Platt	25.00
John M. Rieves	25.00
Tommy A. Snaders	25.00
Milton Tate	25.00
Barbara White	25.00

Mu Phi Epsilon - \$50.00 each (3691)

Anita Schulz-Behrend	Beverly Smith
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Scholarships, Prizes, and Fellowships Non-University (continued)  
Second Semester, 1958-59 (continued)

Pharmacy

American Foundation for Pharmaceutical Education - \$50.00 each (3349)

Royal C. Cox  
 Erwin Franke, Jr.  
 Florence Gaye Laxson

Behrens Drug Company - \$50.00 each (3348)

Ralph Wayne West  
 Eddie R. Serface

Southwestern Drug Corporation (3304) (3347)

Sue Janette Scherff	\$150.00
Charles E. Ebel	50.00
Irma Martinez	50.00

Pharmaceutical Foundation - \$100.00 each (3427)

Franklin D. Calame	Glenna L. Rider
Weldon Wayne Froelich	John C. Anderson
Donald R. Muenzler	Mary Ellen Richter
Geneva Anne Lanier	Alejandro Garcia
Lawrence R. Menconi	Morris E. Haynes
Thelma L. Herrera	Robert D. Henley
Bernard Eugene Sweet	
Virginia Lea Matthews	

\$150.00 each

Kenneth F. Prince	George Ray Russell
Eligio E. Saenz, Jr.	Robert R. Varley
Jessie Marie Garcia	Raymond J. Kapczynski
Billy Jack Garner	Ben L. Garza
Warren David Awalt	

\$ 75.00 each

Hulon T. Webb

Phi Kappa Sigma Educational Foundation (3325)

Charles W. Hackett - \$100.00 (correction from earlier docket)  
Jack D. L. Holmes

Charles F. Arrowood Scholarship - \$50.00

Dorothy May Janak

Teacher Education Foundation - \$150.00 (3414)

Neusa de Bezerra

John Charles Townes Foundation (3509)

The Lawyers Title Insurance Corporation Award - \$100.00  
Richard B. Dewey

The Texas Association of Plaintiffs Attorneys Award

Elwin Lomax Hamilton \$100.00

Jarrell Garonzik Award

Betty Jo Weist \$100.00

Union Carbide Engineering Scholarship - Fees and Tuition - (3336)

Sophomore year - Charles Edward Hasty  
 Senior year - William Maurice McCandless

L. A. Pires York Rite Scholarship - \$125.00 each (3370)

Marilyn Olsen David O. Nilssen

Arthur Young & Company Foundation Fellowship in Accounting (3371)

Wayne K. Goettsche \$250.00

Scholarships, Prizes, and Fellowships Non-University (continued)Second Semester, 1958-59 (continued)Port Aransas Rod and Reel Scholarship - Summer of 1959 - \$300.00 each (3693)  
James L. Green Thomas J. Freeman

1959-60

Cabot Carbon Company Scholarship - \$400.00 each plus registration fees (3504)  
Harry Hardee, Jr. Mike E. Hendricks, Jr.Delta Kappa Gamma, Annie Webb Blanton Scholarship - \$100.00  
Patsy CowartE. D. Farmer Scholarship (Students from Mexico) - \$2,100 each (3657)Roberto Bravo-Villarreal  
Alfonso Aguilar Alvarez  
Ario Garza-MercadoGeneral Electric Company Fellowship in Chemistry - \$2,500 (3690)

Yuri Wah-Yul Han

Rosalie B. Hite Fellowships - First check on date indicatedPostdoctoral FellowshipsKoji Daigo \$4,300 - September 1, 1959  
Alan Newman Hall 3,950 - September 1, 1959  
Kyozo Hayashi 3,600 - September 1, 1959  
Hayim Segal 4,650 - September 1, 1959Predocctoral FellowshipsNorman B. Furlong, Jr. \$2,700 - September 1, 1959  
Edwin Davis Parker 2,700 - September 1, 1959  
Alix Ida Robinson 2,000 - June 1, 1959  
Donald Lewis Ross 2,000 - June 1, 1959  
Louis Craig Smith 2,000 - June 1, 1959Home Economics Club Scholarship - \$300.00 (3578)

Lea Marye Horstman

Humble Oil and Refining Company Graduate Fellowship in Law - \$1,600 plus  
\$300.00 for books, supplies and tuition (3724)

John Wayne Croft

Humble Fellowship in Petroleum Engineering - \$1,800 plus tuition and fees  
(3480)

Walter Nader

Jesse H. Jones Scholarship in Honor of Admiral King (3327) (3624)John W. Pieper \$ 50.00  
Ronald T. Piepho 75.00  
Leslie A. Sanders 25.00  
John Robert Stockwell 75.00Jesse H. Jones Scholarships in Honor of Admiral Nimitz (3327) (3624) (3487)John Robert Stockwell \$ 75.00  
Richard M. Akins 100.00  
Charles I. Ashbaugh 75.00  
Robert S. Carter 50.00  
Royce S. Hamlin 50.00  
Richard M. Moore 100.00  
Louis E. Spradlin 75.00Magnolia Petroleum Company Fellowship in Chemistry - \$1,500 plus tuition  
and fees (3720)

Grover Leon Johnson

Mission Manufacturing Company Fellowship in Petroleum Engineering - \$1,000  
(3510)

Norman W. Adams

Scholarships, Prizes, and Fellowships Non-University (continued)  
1959-60 (continued)

Mosher Steel Company

E. C. H. Bantel Scholarship - \$500.00 (3511)  
 Harry Lee Davis

Stanley P. Finch Scholarship - \$500.00 (3511)  
 David Wayne Fowler

National Science Foundation Cooperative Graduate Fellowships (3692)

Thomas Lee Ashcraft	\$2,200.00
Robert Clayton Ayres	2,200.00
James Clayton Browne	1,650.00
Paul Frank Cox	2,200.00
George Earl Drewry	1,650.00
Richard Economy	2,200.00
Robert Sammie Edwards	1,650.00
Richard Los Every	2,200.00
Elmer Wayne Herron	2,200.00
Larry Ronald Hoffman	2,200.00
Flora Vimont Hunter	2,200.00
Richard Franklin Sweet	2,200.00
James Ross Underwood, Jr.	1,650.00
Charles Eugene Urdy	2,200.00
Marian Whitney Voight	2,200.00
Charles Decker Whiteman	2,200.00
Vick Franklin Williams	2,200.00
Donald Winston, II	1,650.00

Summer of 1959

Thomas Lee Ashcraft	\$ 780.00
Robert Tabor Averitt	650.00
James Clayton Browne	650.00
Jesse Laurence Elledge	780.00
Homer Donald Fetzer	780.00
Grover Leon Johnson	780.00
Carl Edwin Locke, Jr.	780.00

Pan American Fellowship in Petroleum Engineering - \$1,500 plus tuition  
 and fees (3507)

Necmettin Mungan

Panhellenic Scholarships (First Semester) - \$75.00 each (3583)

Frances Bradshaw	Connie Sue Cook
Esther Bulbe	Otila Gonzalez
Frances C. Hughes	Alicia E. Mercado
Marie Hermine Oelkers	Mady Som Hwa Oen
Elizabeth Louise Uroda	Carole Ann Wallace

Aaron Schaffer Memorial Scholarship - \$100.00 (3722)

William D. Anderson

Shell Fellowship in Petroleum Engineering - \$1,800 plus fees (3717)

Norman Earl Garner

Sinclair Fellowship in Petroleum Engineering - \$1,500 plus tuition, fees,  
 etc. (3506)

Richard Seba

Lee Lytton Smith Scholarship - Accumulated Interest (3671)

Robert Leonard Lytton

Superior Oil Company Fellowship in Petroleum Engineering - \$1,800 plus  
 tuition and fees (3505)

William A. Kennedy

Scholarships, Prizes, and Fellowships Non-University (continued)  
1959-60 (continued)

Texaco Four-Year Scholarship in Chemical Engineering - \$326.65 (3617)  
 Rudolph F. Ambriz, Jr.

Texas Federation of Women's Club 1903 Scholarship (3731)  
 Joan Meyer c.\$105.00

Union Carbon Corporation Fellowship - \$2,100 plus tuition and fees (3709)  
 Thomas R. Henderson

E. D. FARMER INTERNATIONAL SCHOLARSHIPS - REVISION OF RULES AND REGULATIONS OF THE BOARD OF REGENTS (1959): In 1931 Mr. George Beggs, Executor of the Will of E. D. Farmer, Deceased, wrote the Board of Regents of The University of Texas, setting out the membership of the committees of award for the Farmer Scholarships. On recommendation of the University Faculty Committee for administering the Farmer Fund, Mr. Beggs has submitted the following revision of his original communication:

Fort Worth, Texas  
 March 18, 1959

TO THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS:

Upon the recommendation of the Faculty Committee of the E. D. Farmer International Scholarship Fund at The University of Texas, Austin, I hereby give my approval of the following REVISION of lines 5-20 of the communication written to you by me as the "Executor of the Will of E. D. Farmer, Deceased," under date of September 14, 1931, said communication being titled "Conditions of Gift of the E. D. Farmer International Scholarship Fund":

THE COMMITTEE OF AWARD of scholarships to students from the Republic of Mexico to The University of Texas shall be (a) the Secretary General of the National University of Mexico, Chairman; (b) the Director of Cultural Exchange at the National University of Mexico, Secretary; and (c) the Ambassador of the United States to Mexico, or his appointee.

THE COMMITTEE OF AWARD of scholarships to students from The University of Texas to the National University of Mexico shall be (a) the Dean of the Graduate School of The University of Texas, or his appointee, Chairman; (b) the official in the Office of the Registrar and Director of Admissions at The University of Texas who handles the admission of foreign students, Secretary; and (c) the Consul of the Republic of Mexico stationed at Austin, Texas.

If at any time in the future CHANGES in either or both of these committees of award should become necessary or desirable, they may be made by the Board of Regents of The University of Texas upon the recommendation of the Faculty Committee on the E. D. Farmer International Scholarship Fund and the President of The University of Texas.

Yours very truly,

(Signed) George Beggs  
 George Beggs

E. D. Farmer International Scholarships - Revision of Rules and Regulations of the Board of Regents (1959) (continued)

In line with the above, there is set out here for your approval the 1959 Revision of the Rules and Regulations of the Board of Regents of The University of Texas Governing the E. D. Farmer International Scholarship Fund:

I. The Fund

The First Called Session of the Forty-first Legislature created the "E. D. Farmer International Scholarship Fund" and directed that it should be held and administered by the Board of Regents of The University of Texas. These Rules and Regulations are applicable to it and the persons acting hereunder shall be subject to the direction of the Board and shall report to it annually and at such other times as it may require.

1. PURPOSE OF THE FUND. The main purpose for which this fund was established is the building of added friendship and good will between the State of Texas and the Republic of Mexico. To this end, the income is to be used from year to year for the provision of scholarships, mainly, in the National University of Mexico for students of The University of Texas and in The University of Texas for students from the Republic of Mexico.

2. PRINCIPAL INVESTMENT, INCOME, EXPENDITURE. The principal of the Fund shall be invested and reinvested in accordance with the regulations of the University applicable to the handling of trust funds. The income therefrom shall be used for the purposes specified in the Legislative Act and the scholarship stipends and other expenditures out of this income shall be paid by the Auditor in accordance with budgets recommended by the Faculty Committee and approved by the President and Board of Regents, as provided in these Rules and Regulations.

II. The Faculty Committee

1. COMPOSITION OF COMMITTEE. The Faculty Committee shall be composed of the following members of the Faculty of The University of Texas:

The Dean of the College of Arts and Sciences, Chairman  
 The Senior Professor of Spanish in the Department of Romance Languages  
 The Dean of the Graduate School  
 The Director of the Institute of Latin American Studies, Secretary.

2. DUTIES OF COMMITTEE. The Faculty Committee shall, by majority vote, from time to time, (a) designate the number stipends, and character of scholarships from Mexico and Texas, and the exchange instructorships, if any; (b) prepare and submit a budget to the President giving the stipends and awards to be paid and, also, an estimated maintenance account for necessary and reasonable expenses, said budget to be based upon the income estimate provided by the appropriate University official; (c) furnish, via its Secretary, the officially approved application blank, and any other necessary information, to the Committees of Award; and (d) attend to all other matters in connection with the administration of the scholarships and awards for which provision is not otherwise made.

In fixing the number of scholarships for any particular period, the Faculty Committee shall resolve any doubt in favor of Mexican scholarships, but normally seek to maintain practical equality between the scholarships from Mexico and Texas.

E. D. Farmer International Scholarships - Revision of Rules and Regulations of the Board of Regents (1959) (continued)

The Committee may, as to any phase of its plans or actions, invite and obtain the advice or aid of any person or persons at or near the seat of the National University of Mexico.

The application blanks, prepared or revised by the Secretary and approved by the Committee, shall be uniform and in clear accordance with these Rules.

The Committee may divide the scholarships from time to time into graduate and undergraduate scholarships.

The Faculty Committee should reserve a reasonable amount of the income each year to take care of imperative emergencies and charities among the appointees.

### III. Farmer Scholarships

1. APPLICATIONS. Requests for information and application blanks should be addressed to the Secretary of the Faculty Committee on the E. D. Farmer International Scholarships, in care of the Director of the Institute of Latin American Studies, The University of Texas, Austin, Texas, or to the appropriate Committee of Award. Applications must be submitted on the official application blank and the instructions therein faithfully complied with by applicants. Application for admission to the University is a separate and additional requirement.

2. QUALIFICATIONS OF APPLICANTS. Applicants for awards may be of either sex. Selection shall be made without regard to political, religious, financial, or fraternal affiliations. The competition shall be on the basis of character, scholastic record, personality, and adequate use of the language of the country in which the study is to be pursued. Consideration will, of course, be given to facilities for study in the chosen field.

Applicants from the Republic of Mexico must have been born in Mexico of parents also born in that Republic, and who have not resided in the United States of America for more than one year after their twelfth birthday. They must have completed satisfactorily the Preparatoria, or equivalent unit, in Mexico and must be able to meet the admission requirements of the particular college or school of The University of Texas to which admission is sought.

Applicants from the State of Texas must have been born in Texas of parents born in the United States of America, and who have not resided in the Republic of Mexico for more than one year after their twelfth birthday. They must have completed satisfactorily at least two years of study in a reputable college or university, at least one year of which was at The University of Texas, and they must be able to satisfy the admission requirements of the particular unit of the National University of Mexico to which admission is desired.

3. CONDITIONS OF APPOINTMENT. Scholarship appointments shall ordinarily be for one school session of nine months, but may be for a shorter period or for as long as twelve months. Applications for reappointment shall be considered along with those for first appointment. During their incumbency holders of Farmer Scholarships may not engage in any employment for pay. They may be dismissed for cause or otherwise disciplined, or rewarded, just as are other students. Stipends shall be paid in installments, for the convenience of the holder. Every appointee shall report his expenditures, study program, and general activities as specified by the Faculty Committee.

E. D. Farmer International Scholarships - Revision of Rules and Regulations of the Board of Regents (1959)

IV. The Committees of Award

1. COMPOSITION OF COMMITTEES. The revision of the Committees of Award signed by Mr. George Beggs on March 18, 1959, and subsequently approved by the President and Board of Regents, with the substitution of the Director of the Institute of Latin American Studies for the official there named as the Secretary of the Texas Committee, is made a part of these "Rules and Regulations." These Committees are now as listed below.

The Committee of Award of Farmer Scholarships to students from the Republic of Mexico for study at The University of Texas: (1) The Secretary General of the National University of Mexico, Chairman; (2) The Director of Cultural Exchange at the National University of Mexico, Secretary; and (3) The Ambassador of the United States to Mexico, or his appointee.

The Committee of Award of Farmer Scholarships to students from The University of Texas for study at The National University of Mexico: (1) The Dean of the Graduate School of The University of Texas, Chairman; (2) The Director of the Institute of Latin American Studies at The University of Texas, Secretary; (3) The Consul of the Republic of Mexico stationed at Austin, Texas; and (4) the Director of Loans and Scholarships (without vote).

2. DUTIES OF COMMITTEES OF AWARD. These Committees shall operate faithfully under these "Rules and Regulations" and the instructions printed on the application blank. Each Committee will seek to publicize Farmer Scholarships in the most effective ways available, will meet early after the final date for applications and will make a prompt certification, with application papers, to the Secretary of the Faculty Committee, who will send official notices to the Auditor and the successful applicants, and maintain permanent files.

V. Exchange Professorships

The founders of the Fund seem to have had in mind primarily, but not exclusively, the provision of scholarships for students. The possibility of exchange professorships was not ruled out but left to the "discretion" of the Faculty Committee after "due consideration to the propriety and the need of student awards."

VI. Future Changes

Future changes in these Rules and Regulations may be made upon the recommendation of the Faculty Committee and the approval of the President and the Board of Regents.

Above revision recommended by the Faculty Committee on May 14, 1959

(signed) J. R. Spell \_\_\_\_\_, Senior Professor of Spanish

(signed) J. A. Burdine \_\_\_\_\_, Dean of the College of Arts and Sciences

(signed) Norman Hackerman \_\_\_\_\_, Dean ad interim of the Graduate School

Here I would like to express thanks to Mr. E. J. Mathews, Dean of Admissions, Emeritus, who has been deeply interested in and worked closely with the Farmer Scholarships through the years, acting as the President's representative in these matters. His contribution to the whole program has been as wise as it has been altruistic.

I recommend approval of the above revision.

E. D. FARMER SCHOLARSHIP FUND: The Faculty Committee reports that the August 31, 1959, balance for the Farmer fund will be \$13,525.93 and recommends approval of the following, in which I concur: (3436)

1. That three scholarships of \$2,100 each be made available to students of The University of Texas to attend the National University of Mexico, March-December, 1960;
2. That three scholarships of \$2,100 each be made available to qualified Mexican students to attend The University of Texas during the scholastic year of 1959-60;
3. That a research grant of \$600 be awarded to Mr. Roberto Bravo Villarroel to study at The University of Texas during the summer term of 1959;
4. That the remainder of the available amount, \$225.93, be held for possible future emergencies;
5. That a grant of \$100 be made available to Mr. Gerardo Saenz, Teaching Assistant in Department of Romance Languages, to cover travel expenses to Puebla, Mexico, where he has been invited by the Instituto Angelopolitano de Cultura Hispánica.

OUTSIDE AND ADDITIONAL DUTIES: I recommend that the following staff be permitted to undertake the outside and additional duties outlined, the work to be undertaken at such times as not to interfere with University assignments:

1. Mr. Stanley A. Arbingast, Associate Professor of Resources and Assistant Director of the Bureau of Business Research, to act as consultant to the Economics Division of the Stanford Research Institute on a project involving evaluation of the resources potential of the State of Texas.
2. Mr. M. J. Thompson and Mr. J. W. Dalley, both of the Department of Aeronautical Engineering, and Mr. E. H. Bucknall of the Department of Mechanical Engineering, to serve as consultants to a Midland law firm regarding technical problems involved in a suit growing out of a plane crash. The work will take two or three days and limited use will be made of University laboratory facilities, the cost for such use (approximately \$50.00) to be paid by the client. Consulting fees will be at the rate of \$200 per day per person.
3. Mr. Sylvain J. Pirson, Professor of Petroleum Engineering, to serve as technical consultant to the owners of an oil field in Paris, France.
4. Mr. Jerry V. Kahlbau, Research Engineer, Defense Research Laboratory, to engage in a private business venture on a limited basis, i.e., offering electronic digital computer programming as a service.
5. Mr. Earnest F. Gloyna, Associate Professor of Civil Engineering, to serve as Consultant for 24 days during the periods May 25-June 6, and June 20-July 3, to Convoir of Fort Worth, and Pan American Oil Company, Tulsa, his fee to be \$125 per day plus expenses.

WAF ROTC PROGRAM: In 1956 the Air Force instituted the WAF program to train women for air Force officership via the ROTC program, and the University was one of the ten schools in the nation chosen where the plan was to be tried. Increasing success in other WAF officer procurement programs has led the Air Force to decide it is no longer practicable to continue the WAF ROTC program. Those students now enrolled in the junior year will be permitted to continue in the program through graduation and commissioning, provided they remain qualified. Other women students may continue to pursue Air Science courses, and to wear the uniform while so doing, but they will not be offered commissions through WAF ROTC.

The University has one young woman in the junior year who is expected to graduate and receive her commission in June, 1960.

OUT-OF-STATE TRIPS: I recommend approval of the following out-of-state trips with expenses paid as indicated:

1. Mr. H. H. Ransom, Vice-President and Provost, May 3-7, 1959, to New York City, to attend the meetings of the National Association of State Universities and the State Universities Association, expenses to be paid from the Office and Travel fund of the Office of Vice-President and Provost.
2. Mrs. Lillian M. McCavick, Chief of Nurses, Student Health Center, May 5-10, 1959, to Philadelphia, Pennsylvania, to attend the annual meeting of the American College Health Association, expenses to be paid from funds of the Inpatient Division, Student Health Center.
3. Dr. Walter Donald Roberts, Physician, Specialist (Internal Medicine), April 19-25, 1959, to Chicago, Illinois, to attend the national meeting of the American College of Physicians, expenses to be paid from funds of the Outpatient Division, Student Health Center.
4. Mr. Joe W. Neal, Director, International Office, April 23-May 1, 1959, to Washington, D. C., and New York City, to participate in Evaluation Conference of Co-ordinators, 1958 International Teacher Development Program in Washington, and attend the Conference on International Exchange in New York, a portion of his expenses to be paid from the Maintenance and Equipment account of the International Office.
5. Mr. Frank N. Edmonds, Jr., Associate Professor of Astronomy, May 30-June 12, 1959, to Sacramento Peak Observatory, Sunspot, New Mexico, in connection with research being performed under National Science Foundation Grant, expenses to be paid from grant funds.
6. Mr. David H. Lively, Research Scientist, Department of Bacteriology, May 9-15, 1959, to St. Louis, Missouri, to attend the Society of American Bacteriologists national meeting, expenses to be paid from grant funds.
7. Mr. Leonard John Rode, Jr., Research Scientist, Department of Bacteriology, to St. Louis, Missouri, May 10-14, 1959, to attend the annual meeting of the Society of American Bacteriologists, expenses to be paid from grant funds.
8. Mr. O. B. Williams, Professor of Bacteriology, May 10-14, 1959, to St. Louis, Missouri, to attend the meeting of the Society of American Bacteriologists, per diem expenses to be paid from grant funds.
9. Mr. Orville Wyss, Professor of Bacteriology, May 30-June 10, 1959, to Upton, Long Island, New York, to attend the symposium at Brookhaven National Laboratories to discuss research, expenses to be paid from contract funds.
10. Mr. Addison Lee, Associate Professor of Botany, April 1-12, 1959, to Washington, D. C., Atlantic City, New Jersey, New York City, and Columbus, Ohio, to represent the Office of the President for the purpose of conferring with Federal Government officials, National Science Teachers' Association officials and several university officials regarding grants, programs and personnel for the development of a Science Teaching Center at The University of Texas, expenses to be paid from travel funds of the Office of the President.
11. Mr. G. H. Ayres, Professor of Chemistry, June 9-13, 1959, to Urbana, Illinois, to attend the meeting of the summer symposium on analytical chemistry, transportation expenses to be paid from Various Funds from Various Donors for Various Purposes - Chemistry.
12. Mr. James E. Boggs, Associate Professor of Chemistry, May 17-23, 1959, to Los Angeles, California, to attend the seventh annual meeting of the ASTM Committee E-14 on Mass Spectrometry, expenses to be paid from Account No. 14990 - Cost of Moving and Modifying Spectrograph and Analog Computer from Amoco Chemicals Corporation.
13. Mr. Pranjivan Velji Popat, Post-Doctorate Research Fellow, Department of Chemistry, May 1-10, 1959, to Philadelphia, Pennsylvania, to attend the meeting of the Electrochemical Society, expenses to be paid from Welch Foundation grant.

Out-of-State Trips (continued)

14. Mr. Murry Allen Tamers, Instructor in Chemistry, May 25-June 15, 1959, to Brookhaven National Laboratories, Upton, New York, for research on cyclotron, expenses to be paid from Various Funds from Various Donors for Various Purposes (No. 74970) up to \$100.
15. Mr. George W. Watt, Professor of Chemistry, April 4-10, 1959, to Boston, Massachusetts, to attend the American Chemical Society meeting, expenses to be paid from contract funds.
16. Mr. C. E. Ayres, Professor of Economics, April 6-8, 1959, to Boulder, Colorado, to represent the University in the program of the University of Colorado's World Affairs Conferences, expenses to be paid from Development Expense account of Main University.
17. Mr. James B. Meriwether, Assistant Professor of English, November 6-9, 1958, to Augusta, Georgia, December 18, 1958, to Memphis, Tennessee, January 23-25, 1959, Oxford, Mississippi, and March 21-30, 1959, to New York City, returning via Chapel Hill, North Carolina, for bibliographical work and the acquisition of books and manuscripts for the Humanities Research Center, expenses to be paid from University Research Institute funds, Project 911 Srf.
18. Mr. William O. S. Sutherland, Jr., Associate Professor of English, April 1-5, 1959, to San Francisco, California, to attend the College Conference on Composition and Communication, a subsidiary of the National Council of Teachers of English, expenses to be paid from the Maintenance and Operation account of the Department of English.
19. Mr. Earl Ingerson, Professor of Geology, June 3-6, 1959, to New York City, to represent the fields of inorganic geochemistry and petrology on a panel at the Fifth World Petroleum Congress, expenses to be paid from funds of Geology Foundation.
20. Mr. Robert Ernest Boyer, Instructor in Geology, April 19-23, 1959, to Golden, Colorado, to attend the Third Symposium on Rock Mechanics, expenses to be paid from funds of the Geology Foundation.
21. Mr. Samuel P. Ellison, Jr., Professor of Geology, June 1-6, 1959, to New York City to represent the Department of Geology at the Fifth World Petroleum Congress, expenses to be paid from funds of the Geology Foundation.
22. Mr. Don Carlos Travis, Jr., Instructor in Germanic Languages, November 6-8, 1958, to Tulsa, Oklahoma, to deliver a paper at the South-Central Modern Language Association meeting, expenses to be paid from Faculty Improvement Fund.
23. Mr. Thomas Francis McGann, Associate Professor of History, February 26-March 1, 1959, to Monterrey, Mexico, for conference on social and behavioral sciences, expenses to be paid from funds of the Hogg Foundation.
24. Mr. David M. Young, Jr., Director, Computation Center, and Professor of Mathematics, April 22-23, 1959, to travel from Chicago, Illinois, to Washington, D. C., and return to Austin, for discussions about contract, expenses to be paid from funds of the Computation Center.
25. Mr. Claude W. Horton, Professor of Physics, May 21-23, 1959, to Orlando, Florida, re Defense Laboratory technical matters, expenses to be paid from contract funds.
26. Mr. Emmett L. Hudspeth, Professor of Physics, April 8-12, 1959, to New Orleans, Louisiana, to attend the meeting of the Southeastern Section of the American Physical Society, expenses to be paid from contract funds.
27. Mr. Bernard B. Kinsey, Professor of Physics, April 29-May 6, 1959, to Washington, D. C., and Oak Ridge, Tennessee, to attend a meeting of the American Physical Society and to visit the Oak Ridge National Laboratory, expenses to be paid from contract funds.
28. Mr. Hugh C. Blodgett, Professor of Psychology, April 30-May 15, and again May 17-24, 1959, to Holloman Air Force Base, Alamogordo, New Mexico, for discussions on technical matters pertaining to Radiobiological Laboratory, expenses to be paid from contract funds.

29. Mr. W. Lynn Brown, Associate Professor of Psychology, April 20-23 and again April 30-May 15, 1959, to Holloman Air Force Base, Alamogordo, New Mexico, for discussions on technical matters pertaining to Radiobiological Laboratory, expenses to be paid from contract funds.
30. Mr. Harry Helson, Professor of Psychology, May 18-23, 1959, to Cresco, Pennsylvania, to give a paper at a conference sponsored by the National Institutes of Health, expenses to be paid from grant funds.
31. Mr. Lloyd A. Jeffress, Professor of Psychology, May 10-18, 1959, to Syracuse, New York, on technical matters pertaining to Defense Research Laboratory contract, and to Ottawa, Canada, to participate in the meeting of the Acoustical Society of America, expenses to be paid from contract funds.
32. Mr. George Moushegian, Instructor in Psychology, May 10-17, 1959, to Syracuse, New York, on research matters, and to Ottawa, Canada, to give paper at the Acoustical Society of America meeting, expenses to be paid from contract funds.
33. Mr. Harold Stevenson, Associate Professor of Psychology, March 18-21, 1959, to Bethesda, Maryland, to attend meetings of Society for Research in Child Development, expenses to be paid from grant funds.
34. Mr. Lennart L. Kopra, Associate Professor of Speech, May 13-16, 1959, to Ottawa, Canada, to attend the meeting of the Acoustical Society of America where he will give a paper, expenses to be paid from contract funds.
35. Mr. W. Frank Blair, Professor of Zoology, April 14-19, 1959, to Wilburton, Oklahoma, to attend the meeting of the Southwestern Naturalists and do field work, expenses to be paid from grant funds.
36. Mr. Clark Hubbs, Associate Professor of Zoology, April 17-18, 1959, to Wilburton, Oklahoma, to attend the meeting of the Southwestern Association of Naturalists, expenses to be paid from grant funds.
37. Mr. Burke H. Judd, Instructor in Zoology, May 31-June 5, 1959, to Brookhaven and Cold Spring Harbor, New York, to attend symposia, expenses to be paid from grant funds.
38. Mr. Robert Seecof, Research Scientist IV, Genetics Foundation, May 21-June 5, 1959, to Brookhaven National Laboratory, Upton, New York, to attend symposium, expenses to be paid from grant funds.
39. Mr. Otis A. Singletary, Assistant Dean, College of Arts and Sciences, April 21-23, 1959, to St. Petersburg, Florida, to attend Southern Universities Conference as a representative of the University and to present a paper, expenses to be paid from the Vice-President's Office and Travel account.
40. Mr. John A. White, Acting Dean, College of Business Administration, May 5-9, 1959, to Miami, Florida, to attend the annual meeting of the American Association of Collegiate Schools of Business and to interview prospective staff, expenses to be charged to the travel account of the Dean's Office.
41. Mr. William E. Barron, Director, Southwest School Administration Center, April 27-May 1, 1959, to Little Rock, Arkansas, and Oklahoma City, Oklahoma, to finalize plans for 1959 State Department Workshop sponsored by the W. K. Kellogg Foundation, expenses to be paid from grant funds.
42. Mr. C. C. Colvert, Professor of Junior College Education, April 14-19, 1959, to Las Vegas, Nevada, to attend World Congress of Flight, First World Forum of Aerospace for Education Leaders, per diem to be paid from College of Education, Office of the Dean, Office of Junior College Consultant.
43. Mr. James W. Reynolds, Professor of Junior College Education, April 25-26, 1959, to Chicago, Illinois, and Raymond, Mississippi, and May 24-27, 1959, to Hutchinson, Kansas, and Joplin, Missouri, to secure data for research project, expenses to be paid from grant funds.

44. Mr. M. J. Thompson, Professor of Aeronautical Engineering, May 10-16, 1959, to Washington, D. C., and Silver Spring, Maryland, for conferences and to attend panel in connection with research, expenses to be paid from contract funds.
45. Mr. David M. Himmelblau, Assistant Professor of Chemical Engineering, May 18-22, 1959, to Chicago for conferences with radiation counting equipment manufacturer, expenses to be paid from contract funds. Mr. Himmelblau will return via Texas City, May 21 and 22.
46. Mr. John J. McKetta, Professor of Chemical Engineering, May 27-June 6, 1959, to New York City, to attend the Fifth World Oil Congress, expenses to be paid from grant funds.
47. Mr. Hudson Matlock, Associate Professor of Civil Engineering, April 19-20, 1959, to Albuquerque, New Mexico, to confer with Sandia Corporation officials with regard to research, expenses to be paid from contract funds.
48. Mr. Bob M. Fannin, Associate Professor of Electrical Engineering, May 5-7, 1959, to Washington, D. C., to attend the International Scientific Radio Union meeting and for conferences, expenses to be paid from contract funds.
49. Mr. Richard T. Smith, Associate Professor of Electrical Engineering, June 20-27, 1958, to Seattle, Washington, to attend AIEE Conference, expenses to be paid from funds of the Engineering Foundation.
50. Mr. Archie W. Straiton, Professor of Electrical Engineering, May 4-8, 1959, to Washington, D. C., to attend International Radio Scientific Union meeting and for conferences, and to Dayton, Ohio, for conferences, expenses to be paid from grant funds.
51. Mr. Harold J. Plass, Jr., Associate Professor of Engineering Mechanics, May 19-23, 1959, to Washington, D. C., to attend meeting of Society for Experimental Stress Analysis, and to Silver Spring, Maryland, in connection with research technical matters, expenses to be paid from grant funds.
52. Mr. E. A. Ripperger, Professor of Engineering Mechanics, April 19-21, 1959, to Albuquerque, New Mexico, to confer with officials of Sandia Corporation in regard to research, expenses to be paid from contract funds; and May 20-22, 1959, to Washington, D. C., to attend meeting of Society for Experimental Stress Analysis, expenses to be paid from Travel in Support of Excellence Fund Projects in Engineering.
53. Mr. James W. Turnbow, Assistant Professor of Engineering Mechanics, April 26-May 4, 1959, to Natick, Massachusetts, to confer with Quartermaster officials regarding contract work; and May 20-22, 1959, to Washington, D. C., to attend meeting of Society for Experimental Stress Analysis, expenses to be paid from contract funds.
54. Mr. W. J. Carter, Professor of Mechanical Engineering, April 26-28, 1959, to Downey, California, for conferences in connection with contract work, expenses to be charged to contract funds.
55. Mr. V. L. Doughtie, Professor of Mechanical Engineering, June 14-19, 1959, to Pittsburgh, Pennsylvania, to attend the ASEE meeting, expenses to be paid from funds of the Engineering Foundation.
57. Mr. Henry G. Rylander, Associate Professor of Mechanical Engineering, May 24-28, 1959, to Cleveland, Ohio, to discuss research matters and inspect laboratory facilities, expenses to be paid from Travel in Support of Excellence Fund Projects in Engineering.
58. Mr. Jack A. Scanlan, Associate Professor of Mechanical Engineering, May 12-16, 1959, to Idaho Falls, Idaho, to attend AEC Test Reactor meeting, expenses to be paid from funds of the Engineering Foundation.
59. Mr. H. H. Power, Professor of Petroleum Engineering, May 29-June 8, 1959, to New York City, to attend the Fifth World Petroleum Congress, expenses to be paid from Engineering Foundation and grant funds.

60. Mr. E. William Doty, Professor of Music and Dean of the College of Fine Arts, May 2-16, 1959, to Neshaminy and Philadelphia, Pennsylvania, New York City, New Haven and Stoney Creek, Connecticut, Boston Massachusetts, Rochester, New York, Cleveland and Berea, Ohio, Detroit and Ann Arbor, Michigan, Chicago, Illinois, Cedar Falls, Iowa, and Kirksville, Missouri, to interview prospects for faculty openings, expenses to be paid from travel funds of the Dean's Office.
61. Mr. Archie N. Jones, Professor of Music and Faculty Advisor, Cultural Entertainment Committee, June 3-4, 1959, to New York City, to interview managements regarding details of the Cultural Entertainment Committee's 1959-60 Program Series; and June 5-6, 1959, to Atlantic City, New Jersey, to attend the annual meeting of the Board of Directors of the National Association of Concert Managers, of which he is Vice-President, expenses for both trips to be paid from funds of the Cultural Entertainment Committee.
62. Mr. Robert W. Stayton, Professor of Law, May 18-23, 1959, to Washington, D. C., to represent the Law School at the Criminal Law Section of the American Law Institute and at the National Conference of Judicial Councils, expenses to be paid from the Office and Travel account of the Dean of the School of Law.
63. Miss Esther Laverne Stallman, Professor of Library Science, June 17-28, 1959, to Washington, D. C., to interview candidates for faculty positions and attend an Institute on Library Service to the Aging, expense to be paid from Maintenance and Equipment account of the School of Library Science.
64. Mr. Carl C. Albers, Professor of Pharmacy, August 9-15, 1959, to Chicago, Illinois, to attend the Conference of Teachers of Pharmacognosy, transportation expenses to be paid from Office and Travel account of the College of Pharmacy.
65. Mr. Frederick V. Lofgren, Associate Professor of Pharmacy, August 16-22, 1959, to Cincinnati, Ohio, to attend the meetings of the American Society of Hospital Pharmacist annual convention, expenses (transportation) to be paid from travel funds of the College of Pharmacy.
66. Mr. Luther Ray Parker, Assistant to the Dean of the College of Pharmacy, and Director, Pharmacy Extension Service, August 15-21, 1959, to Cincinnati, Ohio, to attend Hospital Pharmacy Seminar and Pharmacy Refresher course, expenses to be paid from Account No. 25602, Maintenance, Travel and Equipment account of the Division of Extension.
67. Mr. Kenneth E. Piemann, Lecturer, College of Pharmacy, and Chief Pharmacist, Student Health Center, August 16-22, 1959, to Cincinnati, Ohio, to attend the annual meeting of the American Society of Hospital Pharmacists, expenses to be paid from The Pharmacy.
68. Miss Lora Lee Pederson, Director, Graduate School of Social Work, May 22-31, 1959, to San Francisco, California, to represent the University at the annual meeting of the National Conference of Social Work, expenses to be paid from grant funds.
69. Mrs. Frances H. Hudspeth, Executive Assistant, Humanities Research Center, April 28-May 3, 1959, to New York City, to pack and arrange for shipping the Tinker Collection (a gift to the University), expenses to be paid from funds of Friends of the Library.
70. Mr. Robert T. Gregory, Associate Professor of Mathematics and Senior Research Mathematician, The Computation Center, June 21-27, 1959, to Poughkeepsie, New York, to attend the I.B.M. Seminar for Directors of University Computation Centers, expenses (transportation only) to be paid from funds of the Computation Center.
71. Mr. David M. Young, Jr., Director, Computation Center, June 13-22, 1959, to Paris, France, to attend the International Conference on Information Processing sponsored by UNESCO, round trip transportation to New York City only to be paid from funds of the Computation Center.

72. Mr. William Norman McFarland, Research Scientist III, Institute of Marine Science, and Lecturer in Zoology, June 2-22, 1959, to San Diego, California, Catalina Island, and Paradise Cove, California, for investigation in connection with research, and to deliver a paper at the meeting of the American Society of Ichthyologists and Herpetologists (already approved), expenses to be paid from grant funds.
73. Mr. Howard Thomas Odum, Director, Institute of Marine Science, May 11-June 4, 1959, to Washington, D. C., for consultation on research proposals, and to San Juan and Mayaguez, Puerto Rico, for research studies, expenses to be paid from Rockefeller grant.
74. Miss Mary Herbert Vance, Research Scientist I, Institute of Marine Science, May 7-16, 1959, to St. Louis, Missouri, to obtain information on procedures and techniques of immediate value to current research project by attending a symposium on marine and fresh water bacteriology and the meeting of the Society of American Bacteriologists, expenses to be paid from contract funds.
75. Miss Carol M. Volkmann, Research Scientist I, Institute of Marine Science, May 7-16, 1959, to St. Louis, Missouri, to present a paper at the meeting of the Society of American Bacteriologists, expenses to be paid from contract funds.
76. Mr. Ronald Wilson, Research Scientist I, Institute of Marine Science, May 15-June 14, 1959, to San Juan, Puerto Rico, for research, expenses to be paid from grant funds.
77. Mr. W. Gordon Whaley, Dean of the Graduate School and Director of the Plant Research Institute, April 16-May 19, 1959, to New York City, return via Dallas, to conduct business of the Office of the Graduate Dean and to conduct official investigations of the Plant Research Institute in laboratories at Columbia University, Austin to New York to be charged to travel funds of the Plant Research Institute, and New York to Austin to be charged to Travel to Medical Units.
78. Mr. A. C. Murphy, Director, Extension Teaching and Field Service Bureau, April 23-May 1, 1959, to Lincoln, Nebraska, to attend the NJEA meeting, and to Chicago, Illinois, and Madison, Wisconsin, to discuss ways of strengthening academic offerings and improving fiscal policies, expenses to be paid from grant funds.
79. Mr. Thomas Wayne Taylor, Assistant Professor of Curriculum and Instruction, and Assistant Director, Extension Teaching and Field Service Bureau, June 22-28, 1959, to Lawrence, Kansas, to participate in meeting of Teacher Education and Professional Standards Commission, expenses to be paid from grant funds.
80. Mr. John Woodruff, Training Specialist III, Industrial and Business Training Bureau, May 4-10, 1959, to Casper, Wyoming, Denver, Colorado, and Pauls Valley, Oklahoma, for conferences in connection with courses, expenses to be charged to the AAODC travel account.
81. Mr. George E. Bradshaw, Motion Picture Laboratory Technician, Dean's Office, Division of Extension, April 5-25, 1959, to Greenville, Mississippi, Knoxville, Tennessee, Greenville, South Carolina, Asheville, North Carolina, Columbus, Ohio, Springfield, Missouri, Muskogee, and Duncan, Oklahoma, to film scenes for use in a University motion picture production on youth leadership development, expenses to be charged to Motion Picture Production Revolving Fund.
82. Mr. Virgil A. James, Director, Executive Development Program, Office of the Dean of the Division of Extension, May 3-13, 1959, to New York City, Boston, Massachusetts, Ithaca, New York, and Chicago, Illinois, in connection with executive development programs, expenses to be paid from Executive Development Program.
83. Mr. Harold L. Stegman, Supervisor Motion Picture Production Department, April 5-25, 1959, to Greenville, Mississippi, Knoxville, Tennessee, Greenville, South Carolina, Asheville, North Carolina, Columbus, Ohio, Springfield, Missouri, Muskogee and Duncan, Oklahoma, to film scenes for motion picture, expenses to be paid from Motion Picture Production Revolving Fund.

84. Miss Nettie Lee Benson, Latin-American Librarian, June 17-21, 1959, to Washington, D. C., to attend the Seminar on the Acquisition of Latin-American Library Materials sponsored by the Library of Congress and the Pan American Union, expenses to be paid from funds of the Institute of Latin-American Studies.
85. Mr. Charles Fred Folmer, Associate University Librarian, June 19-29, 1959, to Washington, D. C., to attend and represent the University at the Summer Conference of the American Library Association and the Association of Research Libraries, expenses to be paid from travel funds of the Library.
86. Mr. Robert C. Gullion, Superintendent of Buildings and Grounds, June 25-July 5, 1959, to Charlottesville, Virginia, to attend the Conference of the College and University Personnel Association, expenses to be paid from travel account of the Office of Superintendent.
87. Mr. Robert F. Schenckan, Director, Radio-Television, May 4-9, 1959, to Columbus, Ohio, to attend the NAEB Board meeting and the Ohio State University Institute for Education by Radio-Television, expenses to be paid from travel funds of Radio-Television.
88. Mr. Wayne H. Holtzman, Associate Director, Hogg Foundation for Mental Health, April 14-18, 1958, to Topeka, Kansas, to attend meetings of the Southwestern Psychological Association and act as consultant on research program of the Menninger Foundation, per diem expenses to be paid from funds of Hogg Foundation.
89. Mr. Robert L. Sutherland, Director, The Hogg Foundation for Mental Health, May 28-June 8, 1959, to Galesburg, Illinois, and New York City, to attend a meeting of the Board of Trustees of Knox College and a NIMH research conference, some of the expenses to be paid from funds of the Hogg Foundation.
90. Mr. Frank H. Wardlaw, Director, University of Texas Press, April 18-30, 1959, to Sewanee, Tennessee, New York City, Princeton, New Jersey, and Columbia, South Carolina, on matters pertaining to University Press, expenses to be paid from University of Texas Press Revolving Publication Fund.
91. The following members of the staff of the University of Texas Press to go to Mexico City June 24-30, 1959, to represent the University and to assist in arrangements for travel for a special session of the Association of American University Presses at the National University of Mexico, expenses to be paid from Piner Publication Fund: Mr. Frank H. Wardlaw, Director; Mrs. Faye Aaron Dockery, Office Supervisor; Mrs. Mayre Eargle, Editor II; and Mrs. Lelon Winsborough, Administrative Secretary.
92. Mr. Richard Gwen Underwood, Advisor to University Publications, June 24-30, 1959, to Mexico City, to attend and participate in the special session of the Association of American University Presses at the National University of Mexico, expenses to be paid from the Maintenance and Equipment account of the Office of Advisor to University Publications.
93. Mr. Ray Willsey, Assistant Football Coach, Department of Intercollegiate Athletics, May 12-13, 1959, to Artesia, New Mexico, to contact prospective Athletes, expenses to be paid from funds of Intercollegiate Athletics.
94. Mr. William B. Ogletree, Research Engineer II, Structural Mechanics Research Laboratory, April 19-25, 1959, to Fort Lee, Virginia, to attend orientation school in connection with contract, expenses to be paid from contract funds.
95. Mr. Shosei Serata, Research Engineer III, Civil Engineering, April 29-May 2, 1959, Washington, D. C., to meet with AEC officials in regard to contract research, expenses to be paid from contract funds.
96. The following with transportation expense to be paid from funds of the Committee on Attendance at Meetings of Learned Societies, the staff member in each case to present a paper, the result of original research:

Committee on Attendance at Meetings of Learned Societies (continued)

- (1) Mr. Austin E. Grigg, Assistant Professor of Psychology, September 3-5, 1959, to Cincinnati, Ohio, for the meeting of the American Psychological Association.
  - (2) Mr. Reece J. McGee, Assistant Professor of Sociology, September 1-5, 1959, to Chicago, Illinois, to attend the meeting of the American Sociology Society.
  - (3) Mr. John Pierce-Jones, Associate Professor of Educational Psychology, September 5, 1959, to Cincinnati, Ohio, to attend the meeting of the American Psychological Association.
  - (4) Mr. Jackson B. Reid, Associate Professor of Educational Psychology, September 3-9, 1959, to Cincinnati, Ohio, to attend the meeting of the American Psychological Association.
  - (5) Mr. Raymond F. Dawson, Professor of Civil Engineering, June 22-26, 1959, to Atlantic City, New Jersey, to attend the meeting of the American Society for Testing Materials.
97. Mr. E. H. Djae, Assistant Professor of Pharmacy, August 9-13, 1959, to Chicago, Illinois, to attend the Teacher's Seminar on Pharmacognosy, transportation expenses to be paid from Office and Travel account of the College of Pharmacy.
98. Mr. W. Gordon Whaley, Director of Plant Research Institute and Dean of the Graduate School, May 23-June 4, 1959, to New York City, to conduct business of the Office of the Graduate Dean and to conduct official investigations of the Plant Research Institute in laboratories at Columbia University, expenses to be paid from travel funds of the Plant Research Institute.
99. Mr. Marvin Wasserman, Research Scientist IV, June 2-12, 1959, to Cold Spring Harbor, New York, to attend symposium, expenses to be paid from contract funds. Mr. Wasserman works in Zoology- Genetics Foundation.
100. Mrs. Pauline W. Burbrink, Teacher Trainer, Industrial and Business Training Bureau, June 16-27, 1959, to Cleveland, Ohio, to attend lighting course put on by General Electric, to Grand Rapids, Michigan, to visit furniture manufacturers, to Chicago, Illinois, to visit furniture market, and to Naperville, Illinois, to visit furniture manufacturer, expenses to be paid from grant funds.
101. Mr. Wayne H. Holtzman, Associate Director, The Hogg Foundation for Mental Health, May 30-June 10, 1959, to Monterrey and Mexico City, Mexico, to work on a grant application for research to be done jointly by Mexican universities and Texas University, expenses for that portion of the trip not charged to annual leave, to be paid from funds of the Hogg Foundation.
102. Mr. Clyde Littlefield, Track Coach, June 9-21, 1959, to Lincoln, Nebraska, for the N.C.A.A. Track and Field Championships, and to Boulder, Colorado to attend meetings of the Pan American Olympic Championships, expenses to be paid from funds of Intercollegiate Athletics.
103. Eight Track Team Members and others, June 9-15, 1959, to Lincoln, Nebraska, for the N.C.A.A. Track and Field Championships, expenses to be paid from funds of Intercollegiate Athletics.

STUDENT ACTIVITIES FEE for 1959-60: I recommend that the Student Activities Fee be set at \$16.70 for 1959-60, representing a 5¢ increase over the 1958-59 fee of \$16.65.

COMPULSORY HOSPITAL FEE: A \$3.00 hospital fee has been approved for the nine weeks summer session and a \$4.00 fee for two six weeks session. I recommend that a fee of \$2.00 be set for one six weeks term (as in prior summers) and for workshops and field courses lasting for a period of six weeks or less.

MEZES FACULTY DONATION COMMITTEE: This committee has made a \$300 award to a faculty member, whose name will be reported during the meeting of the Board of Regents.

CLASSIFIED PERSONNEL PROGRAM: I recommend approval of the addition of the following classifications:

<u>Title</u>	<u>Monthly Rate</u>	<u>Annual Rate</u>	<u>Step No.</u>
<u>Effective March 26, 1959</u>			
1115 Clinical Psychologist	\$710-870	\$8,520-10,440	46
<u>Effective May 25, 1959</u>			
2230 Computer Programmer I	320-424	3,840- 5,088	29
2231 Computer Programmer II	404-514	4,848- 6,168	34
2232 Computer Programmer III	539-680	6,468- 8,160	40

USE OF TEXTBOOKS WRITTEN BY FACULTY MEMBERS: I recommend the use of the following textbooks written by members of the faculty:

1. The Mathematics of Investment, by R. C. Osborn, Assistant Professor of Mathematics, published by Harper and Brothers, which sells for \$4.25 with a royalty of 10% to the author.
2. School Health Program, by Jessie Helen Haag, Associate Professor of Physical and Health Education, published by Henry Holt and Company, which sells for \$6.50 with 13.5% royalty to the author, plus 2.5% annual sales exceeding 1,000 copies.
3. Psychology at Work in the Elementary School Classroom, by Beeman N. Phillips, Ralph L. Duke, and M. Vere Devault, all of the College of Education, published by Harper and Brothers, which sells for \$5.50 with following royalties to authors: 10% on first 2500 copies, 12% on next 2500, and 14% on all copies thereafter.
4. Counterpoint, and Counterpoint Workbook, by Kent Kennan, Professor of Music, published by Prentice-Hall, Inc., which sell for \$4.95 and \$1.95 respectively, with 10% royalty on first 2500 copies, 12½% on second 2500, and 15% on more than 5000 copies of book, and 8% royalty on workbook.

MEMBERSHIP IN RETAIL MERCHANTS ASSOCIATION: As of March 31, 1959, the University had 326 student loans in a total amount of \$16,914.40 that were five or more years delinquent. In addition Accounts Receivable Due from Ex-Students (No. 11120) in the total amount of \$13,341.24 represents accounts due from 879 ex-students, consisting of military property losses, veterans textbooks, equipment and supplies, general property deposit overdrafts, returned checks and registration fees (consisting mostly of parts that the Veterans Administration would not pay).

In view of these outstanding debts, I concur in the recommendation of Mr. G. C. Starnes, Auditor, and Mr. G. W. Landrum, Business Manager, that the University become a member of Retail Merchants Association, the fee for which is \$5.00 per month and \$3.00 a year, or a total of \$63.00 annually, for which the University can list with the Association all delinquent accounts, and can receive a verbal or written report on anyone on whom a credit rating is desired at a small cost per report. The Association also accepts accounts for collection at no charge until collected, at which time the collection would be split 50-50. The University will continue to make every effort to collect unpaid debts before turning them over to the Association.

GIFTS TO THE HUMANITIES RESEARCH CENTER: 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.

1. A collection of Tennyson (14 first editions) and a bibliography of William Somerset Maugham were received from Mrs. Louis Henry Cohn of New York City in memory of her husband Captain Louis Henry Cohn. These books are intrinsically valuable but to the Tennyson Collection in the Humanities Research Center they are of special importance because they fill certain gaps that existed heretofore.

Gifts to the Humanities Research Center (continued)

2. The Frederic Allen Williams Collection of statuary, books, paintings, Indian artifacts, slides, motion pictures, and letters has been delivered by the executor of the Williams Estate, Mr. Baxter Holland, New York City.

3. The Edward Larocque Tinker Collection, comprised of books, manuscripts, maps, original paintings, prints, and articles indigenous to the region of the Gaucho in South America has been received from Mr. Tinker of New York City.

SALARY INCREASE IN EXCESS OF \$1,000 PER YEAR: I recommend that the salary rate of Mr. H. Paul Kelley, Psychologist, Testing and Counseling Center, be increased from \$7,104 for twelve months to \$8,160, effective June 1, 1959, additional funds to come from Unallocated Salaries. Mr. Kelley had been recommended for \$7,440 in the 1959-60 budget, but an offer from Princeton's Educational Testing Service makes it necessary to give this increase now. Mr. Kelley occupies a key position in the Testing and Counseling Center, having direct supervision of our testing program, including admission tests.

Sincerely yours,



H. H. Ransom

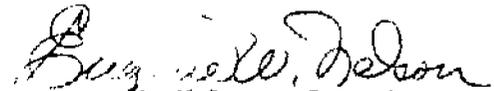
## DOCUMENTS AND PROCEEDINGS OF THE FACULTY COUNCIL

1140

PROPOSAL TO REVISE THE ENGINEERING ROUTE TO THE DEGREE OF  
BACHELOR OF BUSINESS ADMINISTRATION

The College of Business Administration has filed with the Secretary of the Faculty Council the proposal published below to revise the Engineering route to the degree of Bachelor of Business Administration. The recommendation was approved by the College of Business Administration at its meeting of March 12, 1959. The Secretary has classified this recommendation to be of exclusive application and primary interest only to a single school or college.

Notice is hereby given that this legislation will be presented to the Board of Regents for adoption unless a signed protest, with reasons, is received by the Secretary of the Faculty Council from a member of the Council within five days of the date of this publication. If a protest is received, the proposed legislation will be presented to the Faculty Council for action at its meeting of April 20, 1959.

  
Eugene W. Nelson, Secretary  
The Faculty Council

RECOMMENDATION OF THE COLLEGE OF BUSINESS ADMINISTRATIONEngineering Route to Bachelor of Business Administration

On pages 19-21 of Catalogue 5801, under "Engineering Route to the Degree of Bachelor of Business Administration," change to read as follows:

The industrialization of Texas has increased the demand for persons with combination training in basic engineering and business administration. The program outlined below is designed to provide such training. It should be of value to those students who anticipate owning and operating small manufacturing firms which require some basic knowledge of science and engineering, as well as to those who expect to enter larger industrial concerns through the operating route.

Students entering the Engineering Route, either by transfer or from other schools, must have a C average or approval of the Dean of the College of Business Administration.

The general education requirements and the business core requirements vary slightly from those on the regular B.B.A. degree program. Instead of set requirements (3) through (5) as listed on pages 17 and 18, all students electing this route to the Bachelor of Business Administration must take the following courses:

## Non-Business Courses

English Composition (E. 601)  
English (3 hours of additional English at the sophomore level)  
Plane Trigonometry (M. 304 or 204E)  
College Algebra (M. 301E)  
Analytical Geometry (M. 305 or 305E)  
General Chemistry (Ch. 801)  
Introduction to Economic Principles (Eco. 302 and 303)  
Engineering Drawing (Drw. 301 or 204)  
United States History (His. 315K and 315Q)  
American Government (Gov. 610)

## Business Administration

Elementary Accounting (Acc. 611)  
Industrial Organization and Management (Man. 334)  
Principles of Marketing (Mkt. 337)  
Business Law (B.L. 323 and 324Q)  
Business Writing (B.W. 320 and 221)  
Elementary Business Statistics (Sta. 432)  
Finance (Fin. 354 and 364)

Additional courses in mathematics, science, engineering, and business administration, approved by the adviser must be selected to combine basic business training with engineering and science, especially directed towards the following fields of interest: Mechanical Engineering, Chemical Engineering, Petroleum Engineering, and Petroleum Land Management. These courses together with the above requirements total 124 semester hours minimum for the degree. The faculty adviser will supply the student with an approved program in the field of engineering interest selected by the student.

Explanation:

1. The program has been re-written as a single program presenting alternate choices in science and engineering to accompany the general education and the business administration core to allow the student to vary the program in accordance with specific employment objectives.
2. The program adds the possibility of electing geology and petroleum engineering for students who look towards employment in the oil industry, especially in petroleum land management departments.

Filed with the Secretary of the Faculty Council by Dr. John A. White,  
Dean of the College of Business Administration, March 18, 1959.

Distributed among the members of the Faculty Council by the University Steno-  
graphic Bureau, March 23, 1959.

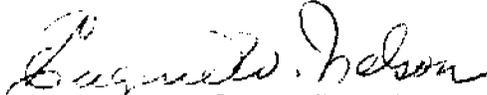
## DOCUMENTS AND PROCEEDINGS OF THE FACULTY COUNCIL

142

CHANGES IN DEGREE PROGRAMS FOR BACHELOR OF ENGINEERING DEGREES

The Secretary of the Faculty Council has received the following recommendations proposed by the College of Engineering. The Secretary has classified these recommendations as exclusive application and primary interest only to a single school or college.

Notice is hereby given that these recommendations will be presented to the Faculty Council for consideration at its meeting of April 20, 1959.

  
Eugene W. Nelson, Secretary  
The Faculty Council

RECOMMENDATIONS OF THE COLLEGE OF ENGINEERING

All of the following changes refer to the College of Engineering Catalogue for 1958-1960 (Pub. No. 5804). They are to become effective in September, 1960.

New Degree Plan, Leading to The Bachelor of Engineering Science

## Objectives of the Engineering Science Program\*

A program of courses leading to a degree in engineering science is presented here. This program is planned to serve the needs of students who have an aptitude in mathematics and science and whose interests lie in using these disciplines as tools for solving engineering problems. The curriculum is intended to provide initial training for research and development or high calibre analysis and design work. It is envisioned that many of these students will proceed to graduate school for additional training. This program is not intended to duplicate in purpose or end product any of the standard professional curricula now being offered. Additional objectives guiding the planning of the program as well as salient features of the program are described below.

The four year (128 hour) curriculum outlined is designed to give the student a foundation in mathematics, physics, and chemistry as well as the fundamental engineering sciences. The content included for cultural development is at least the equivalent of that in other curricula leading to engineering degrees. The program includes twenty-seven semester hours of elective courses. This strong option program has been included to serve the two types of students who it is felt will be attracted to this program. The first is the student who is interested in a broad engineering education and will proceed into graduate engineering. The second is the student who desires to take advantage of the broad and extensive training in mathematics and the engineering sciences but also wishes to develop a concentration in a particular field with the intention of continued development in that field.

Referring to the first group of students mentioned above, particular attention should be directed to the "cross-fertilization" that is permitted and encouraged by this program. For example, a student could minor in electro-mechanical engineering or exploit areas of the sciences such as solid state physics and quantum mechanics that are assuming increasing importance in engineering. A good background for development in productive combinations of areas such as geology and soil mechanics, aircraft dynamics and servomechanisms etc. could be obtained. There is provision for training in fields where no degree is now available such as nuclear engineering, space technology, geophysical engineering, etc. since courses offered by several degree granting departments could be selected in the option program.

Although it is not planned to restrict enrollment into this program, except that a student may not enter with deficiencies, it is hoped that many students with outstanding aptitudes in math and science will be attracted to the program.

Administration of the program by an Engineering Science Committee has been discussed. Approval of the students option program should be the responsibility of members of the professional departments.

At this time the engineering faculty is being asked only to approve the required course content and course arrangement for the first two years.

\*This is for information purposes only and not for approval.

PLAN X, LEADING TO THE DEGREE OF BACHELOR OF ENGINEERING SCIENCE, (B.E.S.) **143**

## Curriculum for Four Years

	Semester Hours
DRAWING	3
*3xx (Graphics, Data Presentation, Descriptive Geometry.)	
MATHEMATICS	18
*6xx (Analytic and Differential Calculus.), 613Eb, 325, 326, and 3 hours additional advanced mathematics	
ENGLISH	12
601a and 601b 3 hours literature elective and 317	
HISTORY	
American History	6
GOVERNMENT	6
ENGINEERING MECHANICS	9
215 (Mech. I.), 320 (Mech. II) +*4xx (Mech. of Solids)	
CHEMISTRY	12
801, 453 (phy. Chem.)	
PHYSICS	11
812, 3 hrs. Modern Physics	
ELECTRICAL ENGINEERING	8
+*4xx (Circuits and Fields) +*4xx (Electronics)	
THERMODYNAMICS	4
*4xx +	
MECHANICS OF FLUIDS	4
+*4xx	
ENGINEERING MATERIALS	3
*3xx	
APPROVED NON TECHNICAL ELECTIVES	95
OPTION	6
	27
	129
+ 3 hr. lecture with 1 hr. laboratory	
* New course	

## ENGINEERING SCIENCE CURRICULUM

Freshman Year

Drw. 3xx, Basic Graphics	3	E.M. 215, Mechanics I	2
Chem. 801a, Gen. Chem.	4	Chem. 801b, Gen. Chem.	4
E. 601a, English Comp.	3	E. 601b, English Comp.	3
M 6xx, Analytic Geom.	6	Phy. 812a	4
G.E. 001, Gen. Engineering	0	M. 613Eb, Calculus	3
RPE	0	RPE	0
	15		16

Sophomore Year

E., 3 hrs. Literature elective	3	E. 317, Writing for Engineers	3
Phy. 812b	4	E.M. 320, Mechanics II	3
M. 325, Adv. Calculus with Engr. Applications	3	M. 326, Differential Equations	3
E.M. 4xx, Mech. of Solids	4	Chem. 453, Physical Chem.	4
His., American History	3	His., American History	3
RPE	0	RPE	0
	17		16

## Bachelor of Science in Aeronautical Engineering (Plan 1)

On pages 25 and 26 of the College of Engineering Catalogue, under Plan 1, Requirements for the Degree of Bachelor of Science in Aeronautical Engineering, make the following changes:

1. Add Ae. E. 361L, Design of Aircraft Components II (a new course).
2. Drop E. M. 370, M. E. 312.
3. Change Drawing 301 and 302 to Drawing 201 and 202.
4. Change E. M. 315 to 215 and E. M. 220 to 320.
5. Change E. 312K to 3 hours of elective in literature.
6. Drop Phy. 401 and add 3 semester hours in modern physics.

The above changes reduce the total number of hours required for the degree from 146 to 140. The requirements would then read as follows:

## Curriculum for Four Years and One Summer

(This curriculum includes changes approved by the Faculty Council, p. 2550, since the last Engineering catalogue was printed, as well as those listed above.)

	Semester Hours
Aeronautical Engineering 310, 320, 321, 223, 360, 360M, 361K, 361L, 263K, 264K, 365, 077	30
Chemistry 801	8
Civil Engineering 124L	1
Drawing 201, 202	4
Electrical Engineering 335K, 435L, 335M	10
Engineering Mechanics 215, 320, 333	8
English 601, 317, 3 hours literature elective	12
General Engineering 001	0
Government 610	6
American History	6
Mathematics 301E, 204E, 305E, 613E, 325, 326	20
Mechanical Engineering 211, 326, 228, 239, 372L, 376K	15
Physics 812, 3 hours in the Modern Physics	11
*Approved non-technical electives	6
+Approved technical elective	<u>3</u>
Total	140

\*In order to meet the minimum general education requirements for undergraduate degrees, three hours of the non-technical electives must be chosen from (1) the area of the social sciences: Government, history, anthropology (except physical anthropology), classical civilization (except literature in translation), economics, geography (except physical geography), philosophy (except logic and aesthetics), Psychology (except experimental psychology), sociology, or (2) the area of arts and literature: Aesthetics, architecture, art, drama, music, literature courses above the freshman level in English or in another language, courses above the freshman level in composition, creative writing, linguistics, speech, technical writing.

In general, the non-technical electives should be selected from the areas of the humanities and the arts with the restrictions indicated above.

## Arrangement of Courses by Years

		<u>Summer</u>			
			Semester Hours		
		M. 204E, Brief Trigonometry	2		
		M. 301E, College Algebra	3		
		E. 601a, English Composition	<u>3</u>		
			8		
<u>Freshman Year</u>					
Fall Semester	Semester Hours	Spring Semester	Semester Hours		
Ch. 801a, General Chemistry	4	Ch. 801b, General Chemistry	4		
M. 305E, Analytic Geometry	3	M. 613Eb, Calculus	3		
E. 601b, English Composition	3	Phy. 812a	4		
G.E. 001, General Engineering	0	Drw. 202, Descriptive Geom.	2		
M. 613Ea, Calculus	3	E. M. 215 Mechanics I	2		
Drw. 201, Engineering Drawing	2	RPE	0		
RPE	0				
Total	<u>15</u>	Total	<u>15</u>		

<u>Sophomore Year</u>			
Fall Semester	Semester Hours	Spring Semester	Semester Hours
M. 325, Advanced Calculus	3	American History	3
E. 3xx, Literature elective	3	Ae.E. 310, Introduction to	
American History	3	Aeronautical Engineering	3
M.E. 211, Manufacturing Processes	2	M. 326, Differential Equations	
Phy. 812b,	4	with Engineering Applications	3
RPE	0	M.E. 326, Thermodynamics	3
Approved non-technical elective	3	Modern Physics	3
	<u>3</u>	E.M. 320, Mechanics II	3
Total	18	RPE	
		Total	18

\*The technical elective requirement may be satisfied by any course in engineering, chemistry, mathematics or physics for which the student is eligible and which does not duplicate required work in any of these areas. In general, the course should be of junior level or higher.

The complete program of both non-technical and technical electives must be approved by the Department.

<u>Junior Year</u>			
Fall Semester	Semester Hours	Spring Semester	Semester Hours
Ae.E. 223, Aircraft Materials and Processes	2	Ae.E. 320, Elementary Aerodynamics	3
E.E. 335K, Fundamentals of Electricity and Electric Circuits	3	Ae.E. 321, Elementary Aircraft Structures	3
E.M. 333, Strength of Materials	3	E.E. 335M, Magnetic Devices and Electrical Machinery	3
M.E. 228, Thermodynamics	2	Ae.E. 361K, Design of Aircraft Components I	3
M.E. 372L, Fluid Mechanics	3	E. 317, Writing for Engineers	3
C.E. 124L, Testing Materials Laboratory	1	Gov. 610b, American Gov.	3
Gov. 610a, American Government	3		
Total	17	Total	18

<u>Senior Year</u>			
Fall Semester	Semester Hours	Spring Semester	Semester Hours
Ae.E. 365, Aircraft Stress Analysis	3	Ae.E. 360, Aircraft Performance and stability	3
Ae.E. 360M, High-Speed Aerodynamics	3	Ae.E. 361L, Design of Aircraft Components II	3
Ae.E. 264K, Experimental aircraft Structures	2	Ae.E. 263K, Experimental Aerodynamics	2
Ae.E. 077, Inspection Trip	0	Approved non-technical elective	3
E.E. 435L, Industrial Electronics and Automatic Controls	4	Approved technical elective	3
M.E. 239, Heat Transfer	2		
M.E. 376K, Aircraft Propulsive Systems with Lab.	3		
Total	17	Total	14

#### Bachelor of Science in Architectural Engineering (Plan 2)

On page 28 of the College of Engineering Catalogue, under Plan 2, Requirements for the Degree of Bachelor of Science in Architectural Engineering, make the following changes:

1. Change Architectural Engineering 410K to 310K, 410L to 310L, and 421 to 321.
2. Add C.E. 216, 429K (a new course) Structures, E.M. 320.
3. Drop C.E. 435, E.E. 327, and Phy. 401.
4. Change C.E. 354Q to 254Q and 461 to 361.
5. Change Drw. 301, 302Q to 201, 202.
6. Change E.M. 315 to 215.
7. Change English 312K to 3 semester hours elective in literature.
8. Change M.E. 340 to 140.
9. Replace the two elective groups, p. 29, with three elective groups as shown below.

The above changes reduce the total number of hours required for the degree from 146 to 141. The requirements would then read as follows:

Curriculum for Four Years and One Summer		Semester Hours
Architectural Engineering 310K, 310L, 321, 324, 229, 245, 260, 261, 077, 278, 279		24
Architecture 401a, 215K, 215L, 262K		8
Chemistry 801		8
Civil Engineering 216, 124L, 126, 429K, 2540, 361		13
Drawing 201, 202		4
Electrical Engineering 431		4
Engineering Mechanics 215, 320, 333		8
English 601, 317, 3 hours Literature Elective		12
General Engineering 001		0
Government 610		6
American History		6
Mathematics 301E, 204E, 305E, 613E		14
Mechanical Engineering 320, 140, 367L		7
Physics 812		8
Elective Group I, II, or III		19
Total		141

#### Arrangement of Courses by Years

##### Summer

E. 601a, English Composition	3
M. 301E, College Algebra	3
M. 204E, Brief Trigonometry	2
	<u>8</u>

##### Freshman Year

Fall Semester	Semester Hours	Spring Semester	Semester Hours
Ch. 801a, General Chem.	4	Ch. 801b, General Chemistry	4
Drw. 201, Engr. Drawing	2	Drw. 202, Descriptive Geom.	2
E. 601b, English Composition	3	E. Literature	3
G.E. 001, General Engr.	0	E.M. 215, Mechanics I	2
M. 305E, Analytic Geometry	3	His. American History	3
M. 613Ea, Differential Calculus	3	M. 613 Eb, Integral Calculus	3
RPE	0	RPE	0
Total	<u>15</u>	Total	<u>17</u>

##### Sophomore Year

Fall Semester	Semester Hours	Spring Semester	Semester Hours
Arc. 401a, Freehand Drawing	2	Arc. 215L, Building Construc- tion	2
Arc. 215K, Building Construc- tion	2	Ar.E. 310L, Introduction to Arch. Engineering Design	3
Ar.E. 310K, Introduction to Arch. Engineering Design	3	Ar.E. 229, Theory of Simple Structures	2
E.M. 320, Mechanics II	3	C.E. 216, Surveying	2
*M. 326, Differential Equations	3	C.E. 124L, Testing Materials Lab	1
Phy. 812a	4	C.E. 126, Plain Concrete	1
RPE	0	E.M. 333, Strength of Materials	3
		Phy. 812b	4
		RPE	0
Total	<u>17</u>	Total	<u>18</u>

<u>Junior Year</u>			
Fall Semester	Semester Hours	Spring Semester	Semester Hours
Ar.E. 321, Design of Commercial and Industrial Buildings	3	Ar.E. 324, Introduction to Working Drawings	3
Ar.E. 245, Building Sanitation	2	*C.E. 335, Structural Design and Theory	3
C.E. 429K, (New Structures Course)	4	C.E. 361, Reinforced Concrete Theory	3
C.E. 254Q, Hydraulics	2	E. 317, Writing for Engineers	3
His. American History	3	E.E. 431, Electrical Circuits and Machinery	4
M.E. 320, Heat Engineering	3	M.E. 140, Heat Power Engineering Lab	1
Total	<u>17</u>	Total	<u>17</u>

<u>Senior Year</u>			
Fall Semester	Semester Hours	Spring Semester	Semester Hours
Arc. 262K, Specifications	2	Ar.E. 261, Building Construction	2
Ar.E. 260, Building Construction	2	*Ar.E. 362, Reinforced Concrete and Steel Design	3
*Ar.E. 262L, Timber Design	2	Ar.E. 279, Working Drawings, Concrete	2
Ar.E. 278, Working Drawings, Steel	2	*C.E. 360, Soil Mechanics	3
Gov. 610a, American Gov.	3	Gov. 610b, American Government	3
M.E. 367L, Air Conditioning	3	+Non Technical Elective	3
*Approved Technical Elective	2	Total	<u>16</u>
Total	<u>16</u>	Total	<u>16</u>

\*In the listing of arrangement of courses by years courses marked \* represent Elective Group I, Building Structures and Engineering, with a total of 19 semester hours in the group. Two other elective groups are available, and all three are listed below:

+In order to meet the minimum general education requirements for undergraduate degrees, the three hours of the non-engineering electives must be taken from: (1) the area of the social sciences: government, history, anthropology (except physical anthropology), classical civilization (except literature in translation), economics, geography (except physical geography), philosophy (except logic and aesthetics), psychology (except experimental psychology), sociology; or (2) the area of arts and literature: aesthetics, architecture, art, drama, music, literature courses above freshman level in English or in another language, courses above freshman level in composition, creative writing, linguistics, speech, technical writing.

#### Elective Group I

<u>Building Structures and Engineering</u>	
Ar.E. 362, Reinforced Concrete and Steel Design	3
Ar.E. 262L, Timber Design	2
C.E. 335, Structural Theory and Design	3
C.E. 360, Elementary Soil Mechanics and Foundations	3
M. 326, Differential Equations	3
Approved Technical Elective	2
Non Technical Elective	3
	<u>19</u>

#### Elective Group II

<u>Industrial Building Design</u>	
B.L. 323, Business Law, First Course	3
E.E. 327, Illumination Engineering	3
M.E. 211, Manufacturing Processes	2
M.E. 353, Industrial Engineering	3
Approved Technical Electives	5
Non Technical Elective	3
	<u>19</u>

Elective Group III

General Building Construction

Acc. 611, Elementary Accounting	6
Acc. 329, Elementary Cost Accounting	3
Ar.E. 258, Building Contracts	2
B.L. 323, Business Law, First Course	3
Approved Technical Elective	2
Non Technical Elective	3
	19

Bachelor of Science in Ceramic Engineering (Plan 3)

Drop Plan 3, for the Degree of Bachelor of Science in Ceramic Engineering, pages 30-32 of College of Engineering Catalogue.

At such time as the Engineering Science Program is approved by the Faculty and the Board of Regents, the Department of Ceramic Engineering will cease to exist as a separate undergraduate degree granting department. Thereafter the Ceramic Engineering Program will be incorporated into the Engineering Science Program where twenty-seven (27) hours of options in Ceramic Science will be offered.

Bachelor of Science in Chemical Engineering (Plan 4)

On pages 32 and 33 of the College of Engineering Catalogue, under Plan 4, Requirements for the Degree of Bachelor of Science in Chemical Engineering, make the following changes:

1. Drop Ch.E. 245, 351, 362, 664b, 365 or 350, 373 or 378, C77, 179.
2. Add two new courses: Ch.E. 2xx, Solid State I, and 3xx, Plant Design.
3. Change Drw. 301, 302 to Drw. 3xx (a new course), Basic Graphics.
4. Change E.M. 315 to 215.
5. Add E.M. 320.
6. Change E.E. 431 to 331.
7. Change E. 312K to 3 semester hours elective in literature.
8. Drop M. 325 and Phy. 401.
9. Drop the approved technical electives and the general electives and replace them with blocks of courses, as shown below, from which 21 hours of electives are to be chosen.

The above changes reduce the total number of hours required for the degree from 146 to 139.

Curriculum for Four Years and One Summer	Semester Hours
Chemical Engineering 317, 2xx, 361, 353, 663, 664a, 3xx	23
Chemistry 801, 512K, 621, 226, 453, 454	29
Drawing 3xx	3
Engineering Mechanics 215, 320, 333	8
Electrical Engineering 331	3
English 601, 317 3 hrs. literature elective	12
General Engineering 001	0
Government 610	6
American History	6
Mathematics 301E, 204E, 305E, 613E, 326	17
Physics 812	8
+Non Technical Elective	3
*Block courses	21
Total	139

+In order to meet the minimum general education requirements for undergraduate degrees, the nontechnical elective must be chosen from (1) the area of the social sciences: government, history, anthropology (except physical anthropology), classical civilization (except literature in translation), economics, geography (except physical geography), philosophy (except logic and aesthetics), psychology (except experimental psychology), sociology, or (2) the area of arts and literature: aesthetics, architecture, art, drama, music, literature courses above freshman level in English or in another language, courses above freshman level in composition, creative writing, linguistics, speech, technical writing.

\*(a) Twenty-one hours of Block Course electives are to be selected from the Blocks listed below.

(b) A minimum of 12 hours must be selected from any one Block except VII.

(c) The remaining 9 hours may be selected from one or more of the Blocks including the one from which the 12 hours are selected in (b).

## Arrangement of Courses by Years

<u>Freshman Year</u>			
Summer			
	Semester Hours		Semester Hours
M. 301E, College Algebra	3		
M. 204E, Brief Trigonometry	2		
E. 601a, English Composition	3		
Total	<u>8</u>		
Fall Semester		Spring Semester	
Hours		Hours	
Ch. 801a, General Chemistry	4	Ch. 801b, General Chemistry	4
Drw. 3xx, Basic Graphics	3	E.M. 215, Mechanics I	2
E. 601b, English Composition	3	M. 613Eb, Calculus	3
M. 305E, Analytic Geometry	3	His., American History	3
M. 613Ea, Calculus	3	Phy. 812a	4
G.E. 001, General Engineering	0	RPE	0
RPE	0		
Total	<u>16</u>	Total	<u>16</u>
<u>Sophomore Year</u>			
Fall Semester		Spring Semester	
Hours		Hours	
Ch. 512K, Quantitative Analysis	5	Ch.E. 317, Material and Energy Balances	3
E., Literature Elective	3	E. 317, Report Writing	3
Phy. 812b	4	E.M. 320, Mechanics II	3
Gov. 610a, American Gov.	3	M. 326, Differential Equations	3
His., American History	3	Gov. 610b, American Government	3
RPE	0	E.E. 331, Electric Circuits and Machinery	3
		RPE	0
Total	<u>18</u>	Total	<u>18</u>
<u>Junior Year</u>			
Fall Semester		Spring Semester	
Hours		Hours	
Ch. 621a, Organic Chemistry	3	Ch. 621b, Organic Chemistry	3
Ch. 226a, Organic Chemistry	1	Ch. 226b, Organic Chemistry Lab	1
Ch. 453, Physical Chemistry	4	Ch. 454, Physical Chemistry	4
Block Course	3	Ch.E. 2xx, Solid State I	2
E.M. 333, Strength of Materials	3	Ch.E. 361, Thermodynamics and Kinetics	3
Ch.E. 353, Unit Operations I	3	Block Course	3
Total	<u>17</u>	Total	<u>16</u>
<u>Senior Year</u>			
Fall Semester		Spring Semester	
Hours		Hours	
Ch.E. 663a, Unit Operations II	3	Ch.E. 663b, Unit Operations III	3
Ch.E. 664a, Unit Operations Lab	3	Ch.E. 3xx, Plant Design	3
Block Course	3	Block Course	3
Block Course	3	Block Course	3
Block Course	3	Nontechnical Electives	3
Total	<u>15</u>	Total	<u>15</u>
<u>Block Courses</u>			
I	Ch.E. 3xx, Advanced Analysis I	II	Ch.E. 368, Principles of Colloid Chemistry
	Ch.E. 3xx, Advanced Analysis II		Ch.E. 3xx, Advanced Analysis I
	M. 325, Advanced Calculus		Ch.E. 3xx, Advanced Thermodynamics and Kinetics
	M. 364, Vector and Tensor Analysis		Ch.E. 365, Water Treatment Engineering; Corrosion
	M. 361, Complex Variables		M. 316, Statistics
	M. 374, Fourier Series and Laplace Transform		Ch. 378, Petrochemicals
			Ch. 317, Inorganic Chemistry

III Ch.E. 3xx, Advanced Thermodynamics and Kinetics Ch.E. 360, Automatic Control M. 325, Advanced Calculus Ch.E. 3xx, Solid State II Ch.E. 365, Water Treatment Engineering; Corrosion M.E. 353, Industrial Management, or Man. 334, Business Management	IV Phy. 325, Atoms and Electrons Ch.E. 379.11, Nuclear Engineering Phy. 326, Introduction to Nuclear Physics Approved Electrical Engineering Elective M. 325, Advanced Calculus Ch.E. 371, Nuclear Fuel Processing
V Ch.E. 3xx, Solid State II Ch.E. 3xx, Micaceous Minerals Ch.E. 3xx, X-ray Analysis Phy. 325, Atoms and Electrons Ch.E. 3xx, Thermochemical Mineralogy Approved Electrical Engineering Elective	VI Psy. 310, Introduction to Psychology M.E. 353, Industrial Management, or Man. 334, Business Management B.L. 323, Business Law B.L. 324Q, Business Law Language Advanced Economics Advanced English

## VII

Any three courses of Sophomore rank or higher for which the student has the prerequisite and which are approved by the Departmental Chairman may be taken in this Block.

## Bachelor of Science in Civil Engineering (Plan 5)

On page 34 of the College of Engineering Catalogue, under Plan 5, Requirements for the Degree of Bachelor of Science in Civil Engineering, make the following changes:

1. Change C.E. 221 to 321, 329 to 229, 442 to 342, 356 to 256, 461 to 361.
2. Drop C.E. 322, 435, 340, 257, 260K, and 4 senior elective hours in civil engineering.
3. Add C.E. 429K (a new course), Structures, and C.E. 360.
4. Drop Phy. 401.
5. Change Drw. 301, 302 to 201, 202.
6. Change E.M. 315 to 215 and 220 to 320.
7. Change E. 312K to 3 hours of elective in literature.
8. Add M. 326.
9. Change 3 hours elective to 15 hours of approved technical electives, usually civil engineering.

The above changes reduce the total number of hours required for the degree from 146 to 141. The requirements would then read as follows:

Curriculum for Four Years and One Summer	Semester Hours
Civil Engineering 410K, 310L, 321, 124L, 126, 229, 429K, 241, 342, 354, 256, 360, 361, 271, 273, 077	38
Chemistry 801	8
Drawing 201, 202	4
Electrical Engineering 431	4
Engineering Mechanics 215, 320, 333	8
English 601, 317, 3 hours of literature elective	12
General Engineering 001	0
Geology 302	3
Government 610	6
American History	6
Mathematics 301E, 204E, 305E, 613E, 326	17
Mechanical Engineering 320, 140	4
Physics 812	8
Speech 217	2
*Non-technical Electives	6
+Approved technical Elective	15
Total	<u>141</u>

\*In order to meet the minimum general education requirements for undergraduate degrees, at least one hour of these elective must be chosen from (1) the area of the social sciences: government, history, anthropology (except physical anthropology), classical civilization (except literature in translation), economics, geography (except physical geography), philosophy (except logic and aesthetics), psychology (except experimental psychology), sociology, or (2) the area of arts and literature: aesthetics, architecture, art, drama, music, literature courses above freshman level in English or in another language, courses above freshman level in composition, creative writing, linguistics, speech, technical writing. This requirement may be satisfied by taking Speech 319 instead of Speech 217.

+Usually Civil Engineering.

Arrangement of Courses by Year

First Semester Second Semester

Summer

M 301E College Algebra	3
M 204E Brief Trigonometry	2
E 601a English Composition	<u>3</u>
	8

Freshman Year

	Semester Hours		Semester Hours
Fall Semester		Spring Semester	
E 601b English Composition	3	E. Literature electives	3
M 305E Analytic Geometry	3	His. American History	3
M 613Ea Calculus	3	M. 613 Eb Calculus	3
Ch. 801a General Chemistry	4	Ch. 801b General Chemistry	4
Drw. 201 Engr. Drawing	2	Drw. 202 Descriptive Geometry	2
G.E. 001 General Engineering	0	E.M. 215 Mechanics I	2
RPE	<u>0</u>	RPE	<u>0</u>
Total	<u>15</u>	Total	<u>17</u>

Sophomore Year

	Semester Hours		Semester Hours
Fall Semester		Spring Semester	
His. American History	3	Geo. 302 Geology for Engrs.	3
M. 326 Differential Equa.	3	Phy. 812b	4
Phy. 812a	4	E.M. 333 Strength of Materials	3
E.M. 320 Mechanics II	3	C.E. 310L Route Layout and Earthwork	3
C.E. 410K Civil Engineering Measurements	4	C.E. 124L Testing Materials Lab	1
RPE	0	C.E. 126 Plain Concrete Lab	1
		C.E. 229 Simple Structures	2
		RPE	<u>0</u>
Total	<u>17</u>	Total	<u>17</u>

Junior Year

	Semester Hours		Semester Hours
Fall Semester		Spring Semester	
E.E. 431 Elec. Circuits & Machinery	4	E. 317 Writing for Engrs.*	3
Sp. 217 Speech	2	C.E. 321 Highway Engineering	3
C.E. 429K Intermediate Structure	4	C.E. 342 Water Supply & Waste Water Disposal	3
C.E. 241 Environ. Sanitation	2	C.E. 256 Hydraulic Engineering	2
C.E. 354 Mechanics of Fluids	3	C.E. 360 Elem. Soil Mech.	3
C.E. 271 Materials of Const.	2	C.E. 361 Reinf. Concrete Theory	<u>3</u>
Total	<u>17</u>	Total	<u>17</u>

\*C.E. Electives may be started here and E 317 delayed until the Senior Year.

Senior Year

	Semester Hours		Semester Hours
Fall Semester		Spring Semester	
Gov. 610a American Gov.	3	Gov. 610b American Government	3
M.E. 320 Heat Engineering	3	M.E. 140 Heat Power Engr. Lab	1
Non-technical Elective	3	Non-technical Elective	3
C.E. 077 Inspection Trip	0	C.E. 273 Costs and Spec.	2
Approved Technical Elective	<u>8</u>	Approved Technical Elective	<u>7</u>
Total	<u>17</u>	Total	<u>16</u>

Bachelor of Science in Civil Engineering  
with option in  
Sanitary and Public Health Engineering  
(Plan 6)

On page 36 of the College of Engineering Catalogue, substitute the following for the entire section under Plan 6:

Curriculum for Four Years and One Summer

The curriculum for this plan is the same as for Plan 5 except that the 15 hours of Approved Technical Electives must include 6 hours of Bacteriology plus 4 hours of Chemistry and must be approved by the Sanitary Engineering adviser.

Bachelor of Science in Electrical Engineering (Plan 7)

On page 37 of the College of Engineering Catalogue, under Plan 7, leading to the Degree of Bachelor of Science in Electrical Engineering, make the following changes:

1. Add E.E. 5xx (new course), Electric Circuits I; 3xx (new course), Electrical Circuits II; 4xx (new course), Fields and Transmission Lines; 375M; 375N.
2. Drop E.E. 410, 320, 323Q, 324.
3. Change E.E. 421 to 221.
4. Change E.E. 366 or 496 to E.E. 366.
5. Drop C.E. 124K.
6. Change Drw. 301, 302 to Drw. 3xx (new course), Basic Graphics.
7. Change E.M. 315 to 215, 220 to 320.
8. Change E. 312K to 3 hours elective in literature.
9. Drop M.E. 312, 368.
10. Add M.E. 444.
11. Drop Phy. 401, Phy. 361 or E.E. 376.
12. Add an approved elective in physics (3 hours).
13. Add to the 9 hours of approved electives this statement: "of which at least 3 must be in electrical engineering."

The above changes reduce the total number of hours required for the degree from 146 to 139. The requirements would then read as follows:

Curriculum for Four Years and One Summer	Semester Hours
Electrical Engineering 5xx, 3xx, 221, 4xx, 438, 361, 362, 464, 375M, 375N, 366, 077	37
Chemistry 801	8
Civil Engineering 124L	1
Drawing 3xx	3
Engineering Mechanics 215, 320, 333	8
English 601, 317, 3 hours Literature Elective	12
General Engineering 001	0
Government 610	6
American History	6
Mathematics 204E, 301E, 305E, 613E, 325, 326	20
Mechanical Engineering 211, 320, 239, 140, 444	12
Physics 812, Approved Elective	11
*Approved Non-technical electives	6
+Approved technical electives of which at least 3 must be in Electrical Engineering	9
Total	139

The entire elective program must meet the approval of the Department.

\*In order to meet the minimum general education requirements for undergraduate degrees, three hours of the nontechnical electives must be chosen from (1) the area of the social sciences: government, history, anthropology (except physical anthropology), classical civilization (except literature in translation), economics, geography (except physical geography), philosophy (except logic and aesthetics), psychology (except experimental psychology), sociology, or (2) the area of arts and literature: aesthetics, architecture, art, drama, music, literature courses above freshman level in English or in another language, courses above freshman level in composition, creative writing, linguistics, speech, technical writing. Suggested courses are: Ant. 311 (Cultural Anthropology); Eco. 302 (Introduction to Economic Principles), 303 (Introduction to Economic Problems), 316 (Economic Background of Life in the United States), 319 (Corporation Finance); E. 333K (Advanced Technical Writing and Editing), 342 (Life and Literature of the Southwest); Phi. 310 (Introduction to Philosophy); Psy. 316 (Business Psychology), 377 (Industrial

Psychology), 377K (Industrial Psychology: Fatigue, Efficiency, and Related Topics); Spe. 319 (Business and Professional Speaking). The remaining three hours of the nontechnical electives may be selected from the aforementioned group or from the following courses: Acc. 311 (Survey of Accounting Principles and Statement Practice), 312 (Survey of Accounting Methods in the Recording Process); B.L. 323 (Business Law, First Course), 324 (Business Law, Second Course); Man. 325 (Personnel Management); Res. 326 (Texas' Resources and Industries), 336 (Foundations of National Power). Freshman courses, with the exception of economics, will be approved as nontechnical electives but only to the extent of one-half their value.

+The following courses are suggested by the Department as technical elective courses; at least three semester hours must be selected from electrical engineering courses: E.E. 327 (Illumination Engineering), 360 (Electrical Engineering Laboratory), 360K (Pulse and Digital Techniques), 363K (Electric and Magnetic Field Theory), 368 (Electric Power Transmission), 369 (Electric Power Distribution), 370 (Industrial Electronics), 373 (Transient Phenomena), Ch.E. 360 (Instrumentation and Automatic Process Control); C.E. 354 (Elementary Mechanics of Liquids); E.M. 370 (Intermediate Dynamics); M. 361 (Theory of Functions of a Complex Variable), 364K (Vector and Tensor Analysis), 374 (Fourier and Laplace Transforms); M.E. 351 (Metallography of Iron and Steel), 353 (Industrial Engineering), 360K (Physical Metallurgy), 364 (Power Plants), 364K (Refrigeration), 367L (Air Conditioning), 371K (Contracts and Specifications of Machinery), 379K (Internal-Combustion Engines); Phy. 320 (Neutron and Reactor Physics), 325 (Atoms and Electrons), 326 (Introduction to Nuclear Physics), 335 (Intermediate Mechanics), 339 (Heat and Thermodynamics), 361 (Electrical Measurements), 365 (Introduction to Theoretical Physics: Advanced Mechanics), 468 (Geometrical and Physical Optics). Technical electives must be of at least junior rank.

The Department may be consulted for further suggestions.

		<u>Summer Term</u>	Semester Hours		
		M. 301 E, College Algebra	3		
		M. 204E, Brief Trigonometry	2		
		E. 601a, English Composition	3		
		Total	<u>8</u>		
<u>Freshman Year</u>					
Fall Semester		Semester Hours	Spring Semester		Semester Hours
Ch. 801a, General Chemistry		4	Ch. 801b, General Chemistry		4
Drw. 3xx, Basic Graphics		3	M. 613Eb, Calculus		3
E. 601b, English Composition		3	E.M. 215, Mechanics I		2
M. 305E, Analytic Geometry		3	M.E. 211, Manufacturing Processes		2
M. 613Ea, Calculus		3	E. 3 hours Literature Elective		3
RPE		0	His., American History		3
G.E. 001, General Engineering		0	RPE		0
Total		<u>16</u>	Total		<u>17</u>
<u>Sophomore Year</u>					
Fall Semester		Semester Hours	Spring Semester		Semester Hours
M. 326, Differential Equations with Engineering Applications		3	M. 325, Advanced Calculus with Engineering Applications		3
Phy. 812a		4	Phy. 812b		4
E.M. 320, Mechanics II		3	E.E. 5xx, Electrical Circuits I		5
His., American History		3	E.M. 333, Strength of Materials		3
Approved nontechnical elective		3	C.E. 124L, Testing Materials Lab		1
RPE		0	RPE		0
Total		<u>16</u>	Total		<u>16</u>
<u>Junior Year</u>					
Fall Semester		Semester Hours	Spring Semester		Semester Hours
E.E. 3xx, Electrical Circuits II		3	E.E. 4yy, Fields and Transmission Lines		4
E.E. 221, Electrical Engineering Laboratory		2	E.E. 438, Engineering Electronics		4
M.E. 320, Heat Engineering		3	M.C. 444, Fundamentals of Mechanical Design		4
E. 317, Writing for Engineers		3	M.E. 140, Heat Power Engineering Laboratory		1
Gov. 610a, American Government		3	Gov. 610b, American Government		3
Approved Physics Elective		3	Total		<u>16</u>
Total		<u>17</u>	Total		<u>16</u>

		<u>Senior Year</u>	
Fall Semester	Semester Hours	Spring Semester	Semester Hours
E.E. 361, Electromechanical Energy Conversion I	3	E.E. 362, Electromechanical Energy Conversion II	3
E.E. 464a, Electrical Engineering Laboratory	2	E.E. 464b, Electrical Engineering Laboratory	2
E.E. 366, Engineering Economy	3	E.E. 375N, Active Communication Circuits	3
E.E. 375M, Passive Communication Circuits	3	E.E. 077, Inspection Trip	0
M.E. 239, Heat Transfer	2	Approved technical elective	6
Approved technical elective	3	Approved nontechnical elective	3
Total	<u>16</u>	Total	<u>17</u>

#### Bachelor of Science in Mechanical Engineering (Plan 8)

On page 39 of the College of Engineering Catalogue, under Plan 8, leading to the Degree of Bachelor of Science in Mechanical Engineering, make the following changes:

1. Change M.E. 239 to 339, 351 to 451.
2. Drop M.E. 077, C.E. 124K, Phy. 401.
3. Change Drw. 301, 302 to 201, 202.
4. Change E.M. 315 to 215, 220 to 320.
5. Change E. 312K to 3 hours of elective in literature.
6. Change approved nonengineering electives from 6 hours to 3 hours.
7. Change approved technical electives from 9 hours to 6 hours.

The above changes reduce the total number of hours required for the degree from 146 to 135. The requirements would then read as follows:

Curriculum for Four Years and One Summer	Semester Hours
Mechanical Engineering 311, 312, 324, 326, 328, 339, 242, 343, 451, 353, 262K, 365K, 466K, 372L, 173L	43
Chemistry 801	8
Civil Engineering 124L	1
Drawing 201, 202	4
Electrical Engineering 335K, 435L, 335M	10
Engineering Mechanics 215, 320, 333	8
English 601, 317, 3 hours Literature elective	12
General Engineering 001	0
Government 610	6
American History	6
Mathematics 301E, 204E, 305E, 613E, 325, 326	20
Physics 812	8
*Approved nonengineering elective	3
+Approved technical electives	6
Total	<u>135</u>

\*In order to meet the minimum general education requirements for undergraduate degrees, the three hours of the nonengineering electives must be taken from: (1) the area of the social sciences: government, history, anthropology (except physical anthropology), classical civilization (except literature in translation), economics, geography (except physical geography), philosophy (except logic and aesthetics), psychology (except experimental psychology), sociology; or (2) the area of arts and literature: aesthetics, architecture, art, drama, music, literature courses above freshman level in English or in another language, courses above freshman level in composition, creative writing, linguistics, speech, technical writing.

+A technical elective may be any advanced course (junior or higher) in engineering, mathematics, chemistry, physics, or geology.

The technical and nonengineering elective program must be submitted for departmental approval.

#### Suggested Arrangement of Courses by Years

	<u>Summer</u>	Semester Hours
M. 301E, College Algebra	3	3
M. 204E, Brief Trigonometry	2	2
E. 601a, English Composition	3	<u>3</u>
		8

<u>Freshman</u>			
Semester		Semester	
Fall Semester	Hours	Spring Semester	Hours
Ch. 801a, General Chemistry	4	Ch. 801b, General Chemistry	4
Drw. 201, Engineering Drawing	2	Drawing 202, Descriptive Geom.	2
G.E. 001, General Engineering	0	His., American History	3
M. 305E, Analytic Geometry	3	E. Literature elective	3
E. 601b, English Composition	3	M. 613Eb, Calculus	3
M. 613Ea, Calculus	3	RPE	0
RPE	0		
Total	<u>15</u>	Total	<u>15</u>

<u>Sophomore</u>			
Semester		Semester	
Fall Semester	Hours	Spring Semester	Hours
Phy. 812a	4	Phy. 812b,	4
M. 326, Differential Equations with Engineering Applications	3	M.E. 312, Linkage Synthesis & Mechanism	3
M.E. 311, Manufacturing Materials and Processes	3	E.M. 320, Mechanics II	3
E. M. 215, Mechanics I	2	Gov. 610a, American Government	3
His., American History	3	M. 325, Advanced Calculus with Engineering Applications	3
Total	<u>15</u>	Total	<u>16</u>

<u>Junior</u>			
Semester		Semester	
Fall Semester	Hours	Spring Semester	Hours
M. E. 372L, Fluid Mechanics	3	E.E. 335K, Fundamentals of Elec. & Electric Circuits	3
E.M. 333, Strength of Materials	3	M.E. 324, Dynamics of Machinery	3
C.E. 124L, Testing Materials Lab	1	M.E. 451, Metals & Alloys	4
M.E. 339, Transfer and Rate Processes	3	M.E. 328, Thermodynamics	3
M.E. 326, Thermodynamics	3	M.E. 353, Industrial Engineering with Data Processing	3
Gov. 610b, American Government	3	M.E. 173L, Fluid Mechanics Lab	1
M.E. 242, Mechanical Engineering Laboratory I	2		
Total	<u>18</u>	Total	<u>17</u>

<u>Senior</u>			
Semester		Semester	
Fall Semester	Hours	Spring Semester	Hours
E. E. 335M, Magnetic Devices & Electrical Machinery	3	E.E. 435L, Industrial Electronics and Controls	4
M.E. 343, Mech. Engineering Lab II	3	M.E. 262K, Seminar	2
M.E. 365K, Analytical Basis of Design	3	M.E. 466K, Machine Design	4
E. 317, Writing for Engineers	3	Approved technical electives	6
Approved nonengineering elective	3		
Total	<u>15</u>	Total	<u>16</u>

#### Bachelor of Science in Meteorology (Plan 9)

Drop Plan 9, leading to the Degree of Bachelor of Science in Meteorology, pages 41-42 of the College of Engineering Catalogue.

The Meteorology Program will be incorporated into the Engineering Science Program.

#### Bachelor of Science in Petroleum Engineering (Plan 10)

On pages 42-43 of the College of Engineering Catalogue, under Plan 10, leading to the degree of Bachelor of Science in Petroleum Engineering, make the following changes:

1. Change Drw. 301, 302 to Drw. 3xx (a new course), Basic Graphics, or Drw. 201 and 202 for students who have not had high-school drawing.
2. Change E.M. 315 to 215.
3. Add E.M. 320.
4. Change E. 312K to 3 hours of elective in literature.
5. Drop M.E. 312, Phy. 401.
6. Change approved electives (5 hours) and approved advanced electives (3 hours) to electives, 9 hours.

The above changes reduce the total number of hours required for the degree from 146 to 138. The requirements would then read as follows:

## Curriculum for Four Years and One Summer

	Semester Hours
Petroleum Engineering 310, 620, 321, 661, 362, 464	25
Chemical Engineering 361	3
Chemistry 801, 314, 416, 453	19
Civil Engineering 212K	2
Civil Engineering 354 or Mechanical Engineering 372L	3
Drawing 3xx*	3
Electrical Engineering 331	3
Engineering Mechanics 215, 320, 333	8
English 601, 3 hours of literature elective 317	12
General Engineering 001	0
Geology 601, 616, 328	15
Government 610	6
American History	6
Mathematics 301E, 204E, 305E, 613E, 325 or 326	17
Physics 812	8
+Electives	9
Total	139

\*For students who have high school credit in drawing; those who do not will take Drawing 201 and 202.

+Electives may be chosen from nontechnical and technical courses subject to the approval of the Department.

In order to meet the minimum general education requirements for undergraduate degrees, three hours of the electives must be chosen from (1) the area of the social sciences: government, history, anthropology (except physical anthropology), classical civilization (except literature in translation), economics, geography (except physical geography), philosophy (except logic and aesthetics), psychology (except experimental psychology), sociology, or (2) the area of arts and literature: aesthetics, architecture, art, drama, music, literature courses above freshman level in English or in another language, courses above freshman level in composition, creative writing, linguistics, speech, technical writing.

The following technical courses have been approved as electives: Ch. 454 (Physical Chemistry), 368 (Colloid Chemistry); Geo. 320K (Elementary Field Geology), 621 (Advanced Historical Geology), 340K (Subsurface Geology), 660 (Field Geology), 368 (Advanced Subsurface Geology); M. 325 (Advanced Calculus with Engineering Applications), 326 (Differential Equations with Engineering Applications), 340 (Interpolation and Graphical Methods), 361 (Theory of Functions of a Complex Variable), 364K, 364L (Vector and Tensor Analysis) 365K, 365L (Linear Differential Equations, Ordinary and Partial), 669 (Mathematical Analysis for Advanced Physical Chemistry, 372 (Boundary Value Problems), 374 (Fourier and Laplace Transforms); M.E. 311 (or 211) (Manufacturing Processes), 224 (Dynamics of Machinery), 326 and 328 (Thermodynamics), 342 and 443 (Heat Engineering with Laboratory), 351 (Metallography of Iron and Steel), 379K (Internal Combustion Engines); P.En. 355 (Geophysics), 368 or 468 (Well-Logging and Correlation), 369 or 469 (Well-Logging and Correlation); Ch.E. 345 (Fuels, Combustion, and Heat Balances), 362 (Chemical Engineering Thermodynamics); C.E. 414 (Topographic Surveying).

If a student wishes to elect courses other than listed above to satisfy his requirements, he must obtain the approval of the Department.

Elective sequences, available in mimeographed form, are suggested by the Department to enable the undergraduate student to enter more intensive or graduate programs in general development and production, reservoir engineering, natural gas engineering, or geology.

<u>Summer</u>	Semester Hours
E. 601a, English Composition	3
M. 301E, College Algebra	3
M. 204E, Brief Trigonometry	2
Total	8

<u>Freshman Year</u>			
	Semester		Semester
Fall Semester	Hours	Spring Semester	Hours
Ch. 801a, General Chemistry	4	C.E. 212K, Surveying for Petroleum Engineers	2
*Drw. 3xx, Basic Graphics	3	Ch. 801b, General Chem.	4
E. 601b, English Composition	3	E., Literature Elective	3
Geo. 601a, General Geology	3	Geo. 601b, General Geology	3
M. 305E, Analytic Geometry	3	M. 613Ea., Calculus	3
G.E. 001, General Engineering	0	RPE	0
RPE	0		0
Total	<u>16</u>	Total	<u>15</u>

\*For students who have high school credit in drawing; those who do not will take Drawing 201 and 202.

<u>Sophomore Year</u>			
	Semester		Semester
Fall Semester	Hours	Spring Semester	Hours
Ch. 416, Quantitative Analysis	4	Ch. 314, Chem. of Hydro- carbons	3
E.M. 215, Mechanics I	2	Eng. 317, Writing for Engrs.	3
Gov. 610a, American Govern- ment	3	Gov. 610b, American Government	3
M. 613Eb, Calculus	3	P. En. 310, P. En. Problems	3
Phys. 812a	4	Phys. 812b	4
RPE	0	RPE	0
Total	<u>16</u>	Total	<u>16</u>

<u>Junior Year</u>			
	Semester		Semester
Fall Semester	Hours	Spring Semester	Hours
*C.E. 354, Elementary Mechanics of Liquids or M.E. 372L, Fluid Mechanics	3	Ch.E. 361, Thermodynamics	3
Ch. 453, Physical Chemistry	4	E.M. 320, Mechanics II	2
Geol. 616a, Mineralogy	3	E.M. 333, Strength of Material	3
M. 325, Advanced Calculus with Engrg. Applications or M. 326, Diff. Equations with Engr. Applications	3	P.En. 321, Petroleum Engineer- ing Laboratory	3
P. En. 620a, Pet. Prod. Engin- eering	3	P.En. 620b, Pet. Production Engineering	3
Total	<u>16</u>	Geol. 616b, Petrology	3
		Total	<u>17</u>

<u>Senior Year</u>			
	Semester		Semester
Fall Semester	Hours	Spring Semester	Hours
American History	3	American History	3
Geol. 328, Structural Geol.	3	E.E. 331, Elect. Circuits & Mach.	3
P.En. 362, Production Tech. & Design	3	P.En. 464, Natural Gas Engineering	4
P.En. 661a, Petroleum Pro- duction Engineering	3	P.En. 661b, Petroleum Pro- duction Engineering	3
Electives	6	Electives	3
Total	<u>18</u>	Total	<u>16</u>

\*If M.E. 372L is elected, Ch.E. 361 must be taken in parallel.

Filed with the Secretary of the Faculty Council by Mr. Billy Amstead,  
Associate Professor of Mechanical Engineering, April 13, 1959.

Distributed among the members of the Faculty Council by the University Steno-  
graphic Bureau, April 16, 1959.

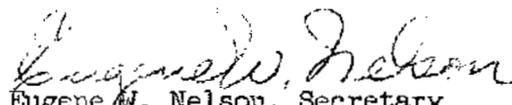
## DOCUMENTS AND PROCEEDINGS OF THE FACULTY COUNCIL

1158

PROPOSED CHANGE IN THE ELIGIBILITY FOR INITIATION REGULATIONS

Mr. Jack Holland, Chairman of the Committee on Student Organizations Maintaining Houses, has filed with the Secretary of the Faculty Council the following proposed change in the General Information Bulletin for the Main University - 1958-59 under Eligibility for Initiation. The Secretary has classified this legislation as minor.

Notice is hereby given that this legislation will be presented to the Faculty Council for consideration at its meeting of May 18, 1959.

  
Eugene H. Nelson, Secretary  
The Faculty Council

RECOMMENDATION OF THE COMMITTEE ON STUDENT ORGANIZATIONS  
MAINTAINING HOUSES

The Committee on Student Organizations Maintaining Houses met on Thursday, May 7, to discuss the effect of a nine-week summer session on the enforcement of university regulations for which it is responsible. On page 110 of the General Information for the Main University - 1958-59, under Section II, Eligibility for Initiation, the regulations state that "(1) Those who have passed 12 semester hours of regular university work with an average of C in their last semester or summer session of residence in the University of Texas preceding initiation and are not on scholastic or disciplinary probation."

Since 10 semester hours will be considered a full load for the nine-week summer session, the Committee has requested that the regulation be changed to read as follows: (1) Those who have passed 12 semester hours of regular university work with an average of C in the last long semester session or 9 semester hours of regular university work with an average of C in their last summer session of residence in the University of Texas preceding initiation and are not on scholastic or disciplinary probation.

The Committee believes that this is an essential change in the regulations.

Filed with the Secretary of the Faculty Council by Dean Jack Holland, Chairman of the Committee on Student Organizations Maintaining Houses.

Distributed among the members of the Faculty Council by the University Stenographic Bureau, May 13, 1959.

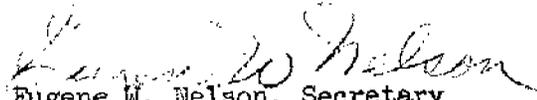
## DOCUMENTS AND PROCEEDINGS OF THE FACULTY COUNCIL

159

SCHOLASTIC PROBATION RECOMMENDATION IN THE SUMMER SESSION

Vice-President and Provost H. H. Ransom, Chairman of the Deans' Council has filed with the Secretary of the Faculty Council the recommendation published below to make a change in the scholastic probation regulations for the summer term. The recommendation was approved by the Deans' Council by the circularization method, May 14, 1959. The Secretary has classified this recommendation to be of minor legislation.

Notice is hereby given that this legislation will be presented to the Faculty Council for consideration at its meeting of May 18, 1959.

  
Eugene W. Nelson, Secretary  
The Faculty Council

REPORT AND RECOMMENDATION OF THE DEANS' COUNCIL

On the afternoon of May 6 the following persons met to discuss scholastic probation regulations for the summer term--

John Focht, Assistant Dean, College of Engineering  
Edwin Mumma, Assistant Dean, College of Business Administration  
DeWitt Reddick, Associate Dean, College of Arts and Sciences  
Robert A. Sporre, Assistant to the Dean, College of Fine Arts

Glenn Barnett, Associate Dean, College of Education, was out of town. An effort was made to reach Dean H. M. Burlage, Dean of the College of Pharmacy, but he was not contacted in the short time available to prepare for the meeting.

It was agreed unanimously to recommend that the present regulations regarding scholastic probation be amended as follows:

On page 63, GENERAL INFORMATION BULLETIN --

Change from --

Item 3. Removal from scholastic probation. A student who is placed on scholastic probation may be removed from such probation by (1) making in his next long session semester the minimum score required for his classification, or (2) attending the summer session at this University and passing ten semester hours with a C average in courses which can be counted toward his degree.

Change to --

Item 3. Removal from scholastic probation. A student who is placed on scholastic probation may be removed from such probation by (1) making in his next long session semester the minimum score required for his classification, or (2) attending the summer session at this University and passing nine semester hours with a C average in courses which can be counted toward his degree.

Reason: Shortening the summer session from twelve weeks to nine weeks will make it almost impossible for a scholastic probation student to take 10 hours of work.

The old regulation required him to take ten hours in the summer session in which the normal load of work was twelve hours; the change recommended will require that the student carry nine hours in nine weeks, a comparatively heavier load for the concentrated period; therefore the change involves no letting down of standards.

Filed with the Secretary of the Faculty Council by Vice-President and Provost H. H. Ransom, Chairman of the Deans' Council, May 14, 1959.

Distributed among the members of the Faculty Council by the University Stenographic Bureau, May 15, 1959.

## DOCUMENTS AND PROCEEDINGS OF THE FACULTY COUNCIL

1160

PROPOSED CHANGES IN THE CATALOGUE OF THE SCHOOL OF ARCHITECTURE

The School of Architecture has filed with the Secretary of the Faculty Council the recommendations published below to make changes in the 1959-61 catalogue of the School of Architecture. The items 2 and 3 were approved by the Faculty Council for the 1957-59 catalogue, but the asterisks and elective groups were omitted when the catalogue was printed. The Secretary has classified these recommendations to be of exclusive application and primary interest only to a single school or college.

Notice is hereby given that this legislation will be presented to the Board of Regents for adoption unless a signed protest, with reasons, is received by the Secretary of the Faculty Council from a member of the Council within five days of the date of this publication. If a protest is received, the proposed legislation will be presented to the Faculty Council for action at its meeting of May 18, 1959.

  
Eugene W. Nelson, Secretary  
The Faculty Council

RECOMMENDATIONS OF THE SCHOOL OF ARCHITECTURE

1. On page 12 of the School of Architecture catalogue for 1957-1959, in spring semester of the junior year, C.E. 216, Surveying for Architects, 2 semester hours, changed to \*C.E. 216, Surveying for Architects, or elective from Group III or IV, 2 semester hours.
2. On same page, under fall semester of fifth year, \*Arc. 273, History of Architecture V, or elective from Group II, 2 semester hours changed to \*Arc. 273, History of Architecture V, or elective from Group II or IV, 2 semester hours.
3. On same page, under spring semester of fifth year, \*Arc. 274, History of Architecture, VI, or elective from Group II, 2 semester hours, changed to \*Arc. 274, History of Architecture VI, or elective from Group II or IV, 2 semester hours.
4. On page 13 of the School of Architecture catalogue, same issue, under Electives, Group I changed from English, Speech to English, Speech, Languages. Group II changed from Economics, Sociology, History Government to Social Sciences. Group III changed from Planning, Engineering, Mathematics, Business Administration, Geology to Physical Sciences. Group IV changes from Languages, Fine Arts, Philosophy, to Fine Arts.
5. Insert between pages 7 and 8 of the School of Architecture catalogue, same issue, the following section on Honors:

## HONORS

Graduation with honors.--Graduation with honors is based on the average of all the grades made by a student on the courses taken at The University of Texas which are required and counted toward the degree. Students who transfer to the University from other colleges or universities are eligible for graduation with honors if they complete in the University at least sixty semester hours of work counted toward the degree.

Students are graduated "with highest honors," "with high honors," or "with honors."

To be graduated "with highest honors," a student must make an average of at least 2.75 grade points per semester hour on the courses taken at The University of Texas which are required and counted toward the degree; to be graduated "with high honors," an average of at least 2.5 grade points per semester hour; to be graduated "with honors," an average of at least 2.00 grade points per semester hour.

In computing grade points for graduation with honors, an A grade on a semester hour counts as 3 points; a B, as 2 points; a C, as 1 point; and D or F, as 0.

Semester Honors. At the close of each long-session semester, there is published a list of those students who, while carrying twelve or more semester hours of work, passed all courses undertaken and made at least a B average on what they carried.

Reason: To make for more flexibility in the selection of electives.

Filed with the Secretary of the Faculty Council by Mr. Philip D. Creer, Director, School of Architecture, May 7, 1959.

Distributed among the members of the Faculty Council by the University Stenographic Bureau, May 13, 1959.

Following is a list of names of those whose gifts at any one time have not exceeded \$100. The amounts have been included in totals reported in earlier docketts.

March, 1958 docket:

Aaron Schaffer Memorial Scholarship Fund

Mr. Barnett Shaw, San Antonio	\$100.00
Brown and Root, Inc., Houston	100.00
Mrs. Eva G. Currie, Austin	10.00
Miss Dorris V. Baldwin	10.00
Mrs. David E. Franklin	10.00
Mr. and Mrs. Ellis Slatoff	16.00
Mr. Joseph C. Anderson	50.00
Miss Mamie Broussard	5.00
Dr. D. Lee Hamilton	10.00
Professor and Mrs. George W. Stocking	25.00

May, 1958 docket:

College of Business Administration Foundation

Mr. Murray Shields	\$ 25.00
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German Play Scholarship Fund

Miss Mary Lou Mason, Treasurer of Texas Association of German Students	20.00
Professor W. F. Michael	50.00

E. P. Schoch Lectures in Chemical Engineering

Dr. G. E. Montes, Tuscola, Illinois	\$ 30.00
Dr. Paul B. Stewart, Berkeley, California	10.00
Dr. Jerry McAfee, Oakmont, Pennsylvania	25.00
Mr. A. T. Raetzsch, Lake Charles, Louisiana	10.00
Dr. W. G. Domask, Baytown, Texas	5.00
Mr. Douglas T. Bailey, New York City	15.00
Mr. M. F. Granville, Jr., Port Arthur, Texas	15.00
Dr. K. S. McMahon, Houston, Texas	25.00
Dr. Roy M. McCutcheon, San Antonio, Texas	10.00
Mr. Henry E. Haley, Cambridge, Massachusetts	15.00
Dr. T. A. Pollard, Dallas, Texas	5.00

Teacher Education Foundation

Mr. Henry B. Webb, San Antonio	\$ 5.00
Mrs. George B. Baylons, San Antonio	5.00
Miss Julia Helen Shireman, San Antonio	5.00
Miss Greta Oppe, Galveston	25.00
Mr. S. R. Tillinghast, Austin	5.00
Mr. Donald F. Clark, Florence	2.00
Mr. E. P. Segner, Jr., Bryan	4.00
Miss Mary Catherine Smith, Marlin	5.00
Mr. Charles L. Herndon, San Antonio	1.00
Mr. Klaude Kendrick, Springfield, Missouri	10.00
Miss Nell Omens, Elgin	1.00
Mrs. Robert E. Schroeder, Seguin	5.00
Mr. J. M. Kuehne, Austin	10.00
Miss Rosalie Birdwell, Tyler	3.00
Glen and Julia Mellenbruch, Austin	20.00
Miss Ruth Livingston, Marfa	1.00
Mr. Harold A. Dulan, Fayetteville, Arkansas	1.00
Miss Ruth Johnson, Alamo	5.00
Mr. R. O. Lucier, Lansdowne, Pennsylvania	5.00
Dr. R. M. Hodgkiss, Austin	25.00
Mr. Louis A. Bohn, Austin	1.00
Mrs. Kurtz E. Gangler, Houston	5.00
Mr. Carl A. Garnett, Warren, Ohio	5.00
Mr. Lamon Perdue, Fort Worth	5.00
Mrs. Helene H. Simpson, San Angelo	10.00
Miss Minnie Knispel, San Marcos	10.00
Miss Mary Etta Hall, Brownwood	5.00
Miss Blanche Beavers, Lawton, Okla.	5.00
Miss Mary Buice, Austin	5.00
Mr. Clifford S. Knape, Waco	5.00

May, 1958 docket (continued)Teacher Education Foundation (continued)

Mr. Howard W. Townsend, Austin	\$ 1.00
Mr. Frederick J. Adams, Austin	50.00
Miss Margaret Levy Fenille, El Paso	5.00
Mr. C. J. Alderson, Austin	1.00
Miss Isabella K. Schaffner, Cuero	5.00
Miss Marh Elizabeth Owsby, Austin	5.00
Miss Irene Randerson, Austin	5.00
Mr. John P. Jones, Jr., Houston	1.00
Mr. F. A. Boyce, Austin	5.00
Miss Frances Struhall, Austin	2.00
Miss Lillian Weems Baldrige, Harlingen	5.00
Miss Almetris Marsh Duren, Austin	5.00
Miss Johnette Highsmith Ray, Wichita Falls	2.00
Miss Alice Braley Gibson, Austin	1.00
Mrs. Lillian Adamick, San Antonio	5.00
Mr. Joe H. Ward, Jr., San Antonio	10.00
Miss Joyce Benbrook, Houston	10.00
Miss Irma Gesche, San Antonio	5.00
Mr. John W. Sutton, Chevy Chase, Maryland	1.00
Miss Frances W. Rucker, Houston	5.00
Miss Anita Saenz, Laredo	1.00

Aaron Schaffer Memorial Scholarship Fund

Mr. Owen W. Fauntleroy, Jr.	\$100.00
Miss Lea Cogan	25.00
Miss Ina Claire New	15.00
Mrs. K. E. Elmquist	10.00
Dr. and Mrs. Lawrence Hay	10.00
Mrs. H. S. Wall	10.00
Miss Catherine Wharton Gray	5.00
Mr. Albert Maverick, III	5.00
Mr. Dudley Wynn	5.00
Miss Dorothy Stine	5.00
Miss Athol Yager	5.00
Dr. William G. Smith	5.00
Mrs. L. D. Moses	3.00
Mrs. E. M. Smith	2.00
Mrs. George W. Tipton	1.00
Mrs. W. Ralph Deaton, Jr.	1.00
Miss Ellie Tucker	1.00
Miss Neville Jones	1.00
Miss Mildred Walker	5.00
Miss Miriam Brown Keeler	50.00
Mrs. E. B. Stover	5.00
Mrs. V. O. Rosser	10.00
Mrs. B. E. Wortman	10.00

Engineering Foundation

Mr. Wilson L. Dyer, Texas City	\$ 5.00
Mr. J. F. Quereau, Philadelphia, Pennsylvania	35.00
Mr. W. G. Domask, Baytown	5.00
Mr. C. J. Hammack, Pasadena	5.00
Mr. F. D. Jenkins, Cabinas, Zulia, Venezuela	50.00
Mr. Robert H. Angevine, Ada, Oklahoma	10.00
Mr. Hi Chang Chai, Columbus, Ohio	10.00
Mr. H. J. Kettler, Birmingham, Michigan	20.00
Mr. H. P. McElhaney, Corpus Christi	10.00
Mr. Don Patterson, Dallas	10.00
Mr. Gorgon K. Smith, Shreveport, Louisiana	5.00
Mrs. Willine Sandel, Maplewood, Louisiana	5.00
Mr. H. G. Blackwell	20.00
Mr. J. O. Garrett	10.00
Mr. D. C. Guinn	20.00
Mr. K. W. Harvey	10.00
Mr. G. P. Liggett	5.00
Mr. A. G. Hopkins	25.00
Mr. W. J. Powell	100.00
Mr. E. J. Schutze	10.00
Mr. C. P. Stanley	10.00
Mr. W. C. Klett, Corpus Christi	10.00
Mr. Jack L. Meyer, La Marque, Texas	10.00

July, 1958 docket:Aaron Schaffer Memorial Scholarship Fund

Mr. Jonas A. Barish, Berkeley, California	\$ 25.00
Mr. James M. Stephens, Jr., Austin	10.00
Mrs. S. A. Thompson, Dallas	5.00
Mrs. John R. Morton, Jr., Tuscaloosa, Alabama	10.00
Mrs. McDougal Terry, Tampa, Florida	1.00
Mrs. Walter B. Smith, Jr., Dallas	25.00
Miss Nova Mae Schaff, Austin	25.00
Mr. John D. Williams, Athens, Georgia	5.00
Mrs. Morgan Callaway, Jr., Austin	10.00
Miss Ruby C. Smith, Austin	10.00
Miss Enola Shepperd, Edinburg	2.50
Mrs. Walter Everett, New York City	5.00
Mr. Benjamin D. Warren, Pittsburg, Kansas	10.00
Mrs. A. Caswell Ellis, Austin	5.00
Dr. A. D. Sellstrom, Princeton, N. J.	15.00
Dr. William A. Smallberg, Chicago, Illinois	5.00

Marquis G. Eaton Accounting Education Fund

Mr. Benjamin Newman	\$ 5.00
Mr. Samuel J. Duboff	25.00
Mr. Guy S. Kidwell	25.00
Mr. Edward A. DeMiller, Jr.	5.00
Mr. C. Oliver Wellington	100.00
Mr. Thomas D. Flynn	50.00
Mr. S. E. Shirk	10.00
Mr. William P. Hutchison	50.00
William Hope and Company	100.00
Mr. R. Warner Ring	100.00
Peat, Marwick, Mitchell & Co., Honolulu	25.00
Mr. Frank H. Grost	25.00
Mr. and Mrs. Robert J. Murphey	100.00
Mr. John F. Berry	10.00
Mr. W. S. Deeming	100.00
Mr. Wallace M. Jensen	100.00
Mr. C. A. Meroney	25.00
Mr. Stanley J. Scott	25.00
Mr. A. O. Schnabel	25.00
Mr. Milton E. Mandel	10.00
Lester Witte & Company	10.00
Mr. Henry Brach	10.00
Bachrach, Sanderbeck & Company	100.00
Mr. William W. Werntz	25.00
Charles S. Rockey & Company	100.00
Mr. John L. Carey	50.00
Cheek & Kaser	50.00
Mr. L. B. McLaughlin	50.00
Mr. H. G. Barden	25.00
Mr. and Mrs. Homer Luther, Sr.	25.00
Derrick, Stubbs & Stith	5.00
Allred & Armstrong	25.00
Miss Jean Calovecchio	5.00
Mr. Weldon Powell	100.00
Mr. James H. Hardin	25.00
Mr. Thomas L. Holton	100.00
Mr. Neal Sheffield	100.00
Mr. Russell H. Kyse	100.00
Mr. John F. Kramer	100.00
Mr. Fladger F. Tannery	10.00
Messrs. T. Grayson Maddrea & Raymond A. Woody	25.00
Mr. Edwin H. Wagner, Jr.	10.00
Mr. John W. McEachren	100.00
Mr. Ira M. Frisbee	25.00
Mr. H. W. Bevis	100.00
Mr. John A. Lindquist	25.00
Mr. Frederick H. Roth	25.00
Mr. George D. Bailey	100.00
Mr. James L. Cockburn, Jr.	25.00
Mr. N. L. McLaren	50.00
Mr. Fred T. Neely	50.00
Mr. John W. Queenan	100.00

July, 1958 docket (continued)Marquis G. Eaton Accounting Education Fund (continued)

Mr. George S. Olive	\$100.00
Mr. Harold S. Treworgy	25.00
Mr. Anson Herrick	50.00
Mr. Theodore F. Woodward	50.00
Stoy, Malone and Company	50.00

Teacher Education Foundation

Mr. C. J. Alderson	\$ 5.00
Dr. C. C. Colvert	75.00
Miss Jessie Helen Haag	10.00
Dr. Ben F. Holland	30.00
Mr. Neal B. Houston, Jr.	3.00
Mrs. D. D. James	60.00
Mrs. Portia P. Walker	2.00
Mr. W. B. Glover	5.00
Miss Golda R. Phillips	15.00
Miss Anna O. Marshall	10.00
Miss Myra Fisher	2.50
Mr. Morgan E. Evans	5.00
Mr. Stan M. Brooke	5.00
Miss Bertie Warren	5.00
Mr. Edward M. Vodicka	5.00
Miss Mary Jane Keichle	5.00
Dr. Alice W. Nichols	5.00
Mrs. Rachael D. Gardner	5.00
Miss Mildred J. Little	5.00
Mrs. C. D. Broom	5.00
Miss Mabel Watson	10.00
Miss Gertrude Greenlee	2.00
Mrs. Laura M. Hodde	10.00
Miss Katherine Herring	2.50
Mrs. John W. Keller	2.00
Miss Patsy Pierce	5.00
Miss Rona Collier	10.00
Miss Mattie Claiborne	5.00
Mrs. Ward Wueste	2.00
Mrs. Beatrice B. McGlasson	5.00
Mr. Charles J. Niissle	5.00
Mr. Ben D. Wood	25.00
Miss Alice Cook	10.00
Miss Mary R. Bowman	25.00
Miss Catalina Lopez Fountoulakis	10.00
Mrs. David Fearis	5.00
Mr. James Merrett Ward	3.50
Miss Gladys Hunt Hibler	1.00
Dr. L. D. Haskew	50.00
Miss Alma M. Freeland	30.00
Mr. Kenneth E. McIntyre	50.00
Mr. C. J. Alderson	5.00
Mr. H. J. Otto	100.00
Miss Mabel E. Noble	10.00
Mr. John F. Bailey	10.00
Mrs. Olivia L. Mackenzie	5.00
Mrs. M. L. Koehneke	10.00
Miss Addie Dolon	1.00
Mr. Antone D. Elsik	25.00
Miss Carmen Lowry	10.00
Mr. Simon J. Ellison	2.00
Miss Aminta Gonzales	5.00
Mr. Frank L. Williams	25.00
Mr. R. Clinton Schulze	2.00
Mr. Howard C. Doolittle	10.00
Miss M. Moss Richardson	5.00
Miss Anita H. Lopez	1.00
Mrs. Floyd Sharrer	5.00
Mr. William R. Brown	50.00
Mr. Dollins Womack	10.00
Mr. George H. Gentry	10.00
Miss Iris Shuford	4.00
Mr. L. H. Moore	2.00

July, 1958 docket (continued)Teacher Education Foundation (continued)

Miss Genevieve Gideon	\$ 5.00
Mrs. Lew Harris	5.00
Miss Willie B. Barry	5.00
Mr. H. C. Ballew	5.00
Mr. Albert B. Watkins, Jr.	5.00
Miss Ava Josephine McAmis	5.00
Miss Hazel Floyd	5.00
Mr. M. Moss Richardson	2.50
Mr. Paul Harris	5.00
Mr. A. B. Lewis	5.00
Mr. A. C. Bell	25.00
Mr. A. L. Shelton	15.00

Engineering Foundation

Mr. Charles M. Southern	\$ 30.00
Mr. Emmett Barnes, Jr.	20.00
Mr. Roy F. Beery, Jr.	20.00
Mr. Lewis Buttery	10.00
Mr. William H. Collier	10.00
Mr. Walter B. Howard	25.00
Mr. Perry S. Howerton	10.00
Mr. Marion Johnson	10.00
Mr. O. C. Jones	10.00
Mr. Rex G. McDonnell, Jr.	10.00
Mr. Joe Magliolo, Jr.	25.00
Mr. Robert Severin	15.00
Mr. Joe L. Sandel	5.00
Mr. William B. Sisco	3.00
Mr. Thomas N. Tackett, III	15.00
Mr. Pat M. Thomasson	5.00
Mr. J. T. Tannos	5.00
Mr. James Upchurch	25.00
Mr. L. G. Vela	15.00
Mr. N. W. Weaver	10.00
Mr. Ray Dudley, Jr. (acknowledgment to)	23.00
Mr. H. J. Andrus	5.00
Mr. Myers Bergman	5.00
Mr. H. P. Bos	10.00
Mr. T. Blake Brantley	10.00
Mr. M. V. Brown	10.00
Mr. J. B. Caldwell	10.00
Mr. R. L. Carter	5.00
Mr. W. R. Coons, Jr.	5.00
Mr. C. M. Doering	5.00
Mr. John W. Gentry	25.00
Mr. P. E. Gratke	25.00
Mr. C. W. Hailey	20.00
Mr. Billy B. Hamel	25.00
Mr. Marvin Hodges, Jr.	25.00
Mr. W. A. Hudel, Jr.	10.00
Mr. Charles W. Irwin	10.00
Mr. H. S. Kleespies, Jr.	5.00
Mr. James L. Mayo	20.00
Mr. B. R. Robertson	15.00
Mr. H. G. Robertson, Jr.	15.00
Mr. Lake Robertson, Jr.	5.00
Mr. James J. Rodriguez	5.00
Mr. E. L. Spenrath, Jr.	10.00
Mr. Jack T. McAfee	10.00
Mr. R. S. Justiss	35.00
Mr. W. K. Savage, Jr.	15.00
Mr. Carl D. Smith	5.00
Mr. George W. Watts	10.00
Mr. B. F. Williams	5.00
Mr. James G. Adair	10.00
Mr. Billy Bob Ashby	15.00
Mr. R. B. Bennett	25.00
Mr. Sterling P. Blumberg	10.00
Mr. Charles A. Deveny, Jr.	5.00
Mr. T. R. Dickenson	5.00

July, 1958 docket (continued)Engineering Foundation (continued)

Mr. J. A. Dinwiddle	\$ 10.00
Mr. Arthur A. Draeger	25.00
Mr. A. R. Dudley	20.00
Mr. T. E. Cole	20.00
Mr. Eugene Edwards	10.00
Mr. C. M. Fitch	10.00
Mr. W. B. Franklin	75.00
Mr. D. S. Freese	50.00
Mr. Otto Gerbes	10.00
Mr. M. E. Gillis	15.00
Mr. R. R. Gloyna	5.00
Mr. Forrest Gober	10.00
Mr. I. D. Hall	50.00
Mr. Philip Hawley	10.00
Mr. H. R. Hayre	20.00
Mr. H. A. Holcomb	40.00
Mr. Jodie Isenhower	40.00
Mr. Ralph James, Jr.	20.00
Mr. William T. Jones	5.00
Mr. James R. Lawley, Jr.	15.00
Mr. John E. Lawson, Jr.	12.00
Mr. Donald R. LeNoir	10.00
Mr. John H. McClintock	15.00
Mr. Rich B. Meyer	5.00
Mr. M. R. Morrow	15.00
Mr. Preston L. Nairn	5.00
Mr. Thomas M. Newsom	20.00
Mr. Frank L. Peterson	25.00
Mr. R. F. Pfennig	25.00
Mr. J. H. Presnell	25.00
Mr. M. Rosenbaum	10.00
Mr. M. L. Ross	10.00
Miss Aubria A. Sanders	10.00
Mr. Henry G. Schutze	20.00
Mr. Dale Schwartzjopf	12.00
Mr. Douglas C. Seamans	10.00
Mr. Lynn A. Seemans	20.00
Mr. Raymond A. Speed	10.00
Mr. Richard E. Tannich	20.00
Mr. H. E. von Rosenberg	15.00
Mr. Dan H. Willson	20.00
Mr. Gabe Utz	10.00
Mr. Louis T. Yule	25.00
Mr. R. F. Nowlin	10.00
Mr. Paul F. Rector	25.00

John Charles FoundationScholarships in Law

Mr. Frank M. Ryburn, Jr.	\$ 15.00
Mr. Bradford Pickett	15.00
Mr. Fred T. Porter	25.00
Mr. John D. Raffaelli	10.00
Mr. Benno C. Schmidt	50.00
Mr. Ben G. Sewell	25.00
Mr. Jack W. Frost	25.00
Mr. Tom S. Milam	10.00
Congressman Homer Thornberry	10.00
Mr. Herman V. Wright	15.00
Mr. Emory T. Carl	10.00
Mr. Burton B. Paddock	25.00
Mr. Charles E. Pratt	15.00
Mr. Casper K. Ragan	25.00
Mr. J. W. Rutland	25.00

Unallotted

Mr. Carlross Morris	\$ 10.00
Mr. Warren J. Dale	50.00
Mr. Gordon R. Wynne	25.00
Mr. Ben H. Rice, III	10.00

July, 1958 docket (continued)  
John Charles Townes Foundation (continued)  
Unallotted (continued)

Mr. William L. Lemen	\$ 3.00
Mr. C. Brien Dillon	10.00
Mr. Neth L. Leachman	25.00
Mr. Hayden W. Head	10.00
Mr. Adrian Levy	10.00
Mr. Edgar Monteith	10.00
Mr. R. D. Cox, Jr.	25.00
Mr. J. W. Gordon, Jr.	10.00
Judge Wesley Rice	20.00
Mr. Frank Stubbeman	20.00
Mr. Jesse P. Rhodes	5.00
Mr. Norman C. Russell	10.00
Mr. Arthur P. Duggan, Jr.	20.00
Mr. William N. Foster	20.00
Mr. J. Rupert Jackson, Jr.	5.00
Mr. William F. Young	10.00
Mr. John R. Locke, Jr.	5.00
Mr. J. Curtiss Brown	5.00
Mr. Davis Scarbrough	25.00
Mr. Knox W. Sherrill	25.00
Mr. William Russell Brown	5.00
Mr. E. Wayne Thode	10.00
Mr. Leon Green	25.00
Mr. T. Maxey Hart	10.00
Mr. C. B. Smith	10.00
Mr. Thos. F. Nash	10.00
Mr. F. H. Carpenter	25.00
Mr. A. A. King	10.00
Mr. Charles Sapp	10.00
Mr. Henry Gilchrist	15.00
Mr. W. B. Woodruff, Jr.	10.00
Mr. Cecil E. Burney	15.00
Mr. Edward D. Coulson	10.00
Mr. Jenkins Garrett	10.00
Mr. Sam A. Hough, Jr.	25.00
Mr. William C. Newman	5.00
Miss Stella Rudersdorf	10.00
Mr. Preston A. Weatherred	15.00
Mr. Reuben P. Allen, Jr.	15.00
Mr. W. B. "Jack" Ball	25.00
Mr. H. A. Bateman	10.00
Mr. W. H. Brian	10.00
Mr. J. P. Bryan	50.00
Mr. Charles W. Duke	25.00
Mr. C. M. Fulton	10.00
Mr. J. Lawson Goggans, Jr.	10.00
Mr. John Plath Green	10.00
Mr. Ross H. Hemphill	15.00
Mr. Richard L. Hughston	25.00
Mr. E. James Kazen	5.00
Mr. Leslie S. Lockett	25.00
Mr. James Marberry	10.00
Mr. J. R. Owen	10.00
Mr. Hugh M. Patterson	50.00
Mr. Murray G. Smyth	25.00
Mr. John W. Stayton	25.00
Mr. W. H. Thanheiser	5.00
Mr. Carlyle Urban	10.00
Mr. Ben White	30.00
Mr. J. Henry Wilkinson, Jr.	10.00
Mr. R. T. Wilkinson, Jr.	10.00
Mr. Kiel Boone	25.00
Mr. Jack Brookshire	10.00
Mr. John C. Rybee	25.00
Mr. George D. Byfield	10.00
Mr. John C. Dawson	5.00
Judge William B. Deaderick	10.00
Mr. Fagan Dickson	100.00
Mr. Donald Eastland	5.00
Judge Joe E. Estes	25.00
Mr. Julius F. Frankl	25.00

July, 1958 docket (continued)  
John Charles Townes Foundation (continued)  
Unallotted (continued)

Mr. Fred G. Gannon	\$ 10.00
Mr. Coleman Gay	25.00
Mr. Billy H. Gragg	7.50
Mr. Newton Gresham	10.00
Mr. W. H. Jack	10.00
Mr. R. E. Keeton	25.00
Mr. William L. Kerr	25.00
Mr. J. C. Llewellyn	5.00
Mr. Joe Louis	35.00
Mr. John D. McCall	45.00
Mr. Durward D. Mahon	25.00
Mr. W. L. Matthews	50.00
Mr. Raymond M. Myers	10.00
Mr. Thomas M. Phillips	20.00
Mr. William George Richards	10.00
Mr. R. A. Ritchie	10.00
Mr. Walter G. Sterling	25.00
Mr. W. A. Tatum	5.00
Mr. Arthur P. Terrell	25.00
Mr. O. E. Threlkeld	20.00
Mr. Ed Tynes	50.00
Mr. James C. Watson	20.00
Mr. Leslie Byrd	23.00
Mr. W. D. White	23.00

Frank Bobbitt Fund  
Hon. Ben Connally

\$ 25.00

September, 1958 docket  
College of Business Administration Foundation

Mr. W. D. Walser	\$100.00
Mr. Charles Duncan	100.00
Mr. Charis E. Walker	5.00
Champlin Oil & Refining Co.	100.00
Mr. H. D. Reynolds	25.00

Accounting Education Fund

Mr. O. H. Maschek	\$ 10.00
Mr. Lewis H. Sheriff	10.00
Mr. J. W. Thokey	25.00

Marquis G. Eaton Accounting Education Fund

Mr. William J. Von Hinden	\$ 10.00
Mr. R. Casas Alatraste	100.00
Mr. John Peoples	50.00
Mr. Walter K. Rush, Jr.	25.00

Engineering Foundation

Mr. Ben Bonnet	\$ 5.00
Mr. Maurice Coburn	5.00
Dr. John T. Humphries	100.00
Mr. George M. Keith	25.00
Mr. Wilbur Kent	10.00
Mr. Donald M. Lauderdale	10.00
Mr. Gordon K. Smith	5.00
Mr. W. W. Crouch	15.00
Mr. G. H. Dunn, Jr.	5.00
Mr. M. N. Emery	15.00
Mr. H. Dayton Wilde	35.00
Mr. Charles W. Arnold	25.00
Mr. Lawrence D. Christian	10.00
Mr. Allen D. Clark	10.00
Mr. Paul A. Kolodzie	10.00
Mr. G. H. Meason	20.00
Mr. Joseph A. Ross, Jr.	10.00
Mr. C. R. Burklin	10.00
Mr. K. H. Clough	10.00
Mr. B. Fogelman	20.00
Mr. F. Hal Herron	5.00
Mr. Charles F. Jones	25.00
Mr. M. E. Klecka	10.00

<u>September, 1958 docket (continued)</u>	
<u>Engineering Foundation (continued)</u>	
Mr. Brooks Metcalf	\$ 2.00
Mr. Q. C. Stanberry	10.00
Mr. B. L. Thorngren	20.00
Mr. Dan Urbanek, Jr.	10.00
Mr. John B. Moyers	5.00
Mr. John M. Payne	25.00
<u>Geology Foundation - Various Donors</u>	
Mr. Stanley R. Allen	\$ 25.00
<u>Hal P. Bybee Memorial Fund</u>	
Mr. J. L. Patton	\$ 10.00
Mr. Kenneth I. Owens	100.00
Mr. J. T. Still	50.00
Mr. Paul B. Hinyard	25.00
Mr. T. F. Petty	100.00
<u>Aaron Schaffer Memorial Scholarship Fund</u>	
Mrs. F. B. Baker, Jr.	\$ 10.00
Mr. and Mrs. Carl A. Swanson	10.00
Mrs. Max W. Schulz, Jr.	5.00
Mrs. Clark C. Campbell	2.50
<u>E. P. Schoch Lectures in Chemical Engineering</u>	
Socony Mobil Oil Company, Inc.	\$ 20.00
Dr. John E. Kasch	25.00
<u>School of Social Work Scholarship Fund - Various Donors</u>	
Miss Juanita Thurman	\$ 20.00
Mr. Edward Randall, Jr.	50.00
Lone Star Rebekah Lodge No. 1, Galveston	10.00
Maco Stewart Post 20., Inc., American Legion	10.00
W. A. Kelso Building Material	50.00
Students in School in lieu of flowers upon death of member of family of faculty	24.00
Galveston Opti-Mrs. Club	5.00
Faculty and staff in lieu of flowers	10.00
Miss Rose Babian	10.00
<u>Teacher Education Foundation</u>	
Miss Lucille E. Coumes	\$ 5.00
Miss Anita Richter	5.00
Miss Barbara Banner	5.00
Miss Anne W. Broman	5.00
Mr. Cruz Arizmendi, Jr.	1.00
Miss Alberta Barnes	25.00
<u>October, 1958 docket</u>	
<u>Fred C. Ayer Memorial Publication Fund</u>	
Mrs. Bennie Crowther	\$ 5.00
Mr. Wayland P. Moody	25.00
Mr. W. C. Andrews	10.00
<u>Marquis G. Eaton Accounting Education Fund</u>	
Mr. Wayne E. Pollard	\$100.00
Skinner & Hammond	50.00
Mr. Weldon J. Squyres	10.00
Mr. Herman Darby	10.00
Mr. J. W. Nash, Jr.	10.00
Lott and Stephenson	25.00
Mr. Roy D. Doughty	12.00

October, 1958 docket (continued)Engineering Foundation

Mr. George B. Gibbs	\$ 15.00
Mr. John L. Gidley	25.00
Mr. Albert H. Lichty	50.00
Mr. Herbert F. Poyner, Jr.	20.00
Mr. Isaac L. Simmons, Jr.	5.00
Mr. R. D. Pannell	5.00
Mr. William T. Alexander	20.00
Mr. Robert M. Baker	10.00
Mr. A. A. Evans	5.00
Mr. James Wilson Griffin	5.00
Mr. George S. Monkhouse	20.00
Mrs. Fletcher S. Pratt	100.00
Mr. Walter R. Williams	5.00
Mr. Nathaniel M. Wilson, Jr.	100.00
Mr. W. R. Woolrich, Jr.	10.00
Mr. Jack V. A. Aldred	10.00
Mr. Alda V. Bedford	10.00
Mr. John T. Files	25.00
Mr. T. Brockett Hudson	20.00
Mr. James R. Hutton	10.00
Mr. Arthur J. Klein	15.00
Mr. Vernon J. Klippi	5.00
Mr. F. E. Lewis	50.00
Mr. J. D. Ligon	25.00
Mr. H. P. McElhanev	25.00
Mr. William R. Penland	10.00
Mr. R. L. Rather	100.00
Mr. Edwin D. Redding	25.00
Mr. Billy R. Warren	10.00
Mr. John G. Traxler	10.00
Mr. Forrest Harsh	10.00
Mr. John G. Hollman	10.00
Mr. Harold C. Kuehm	10.00
Mr. Vernon A. Lee	5.00
Mr. John A. McGill	10.00
Mr. B. D. McKendree	25.00
Mr. F. C. Rushing	20.00
Mr. E. J. Schutze	25.00
Mr. Robert C. Wammund	5.00
Mr. J. N. Wohlford	100.00
Mr. Carter H. Horton	5.00
Mr. Harold T. Austin	10.00
Mr. Arthur W. Eatman	5.00
Mr. George P. Hill	100.00
Mr. J. B. Hopper	20.00
Mr. Frank W. McBee	5.00
Mr. Robert L. Mikulin	10.00
Mr. W. R. Moody	10.00
Mr. S. C. Oliphant	35.00
Mr. George W. Rampt, Jr.	10.00
Mr. Russell S. Rembert	10.00
Mr. John A. Schell	30.00
Mr. Joseph T. Stewart, Jr.	10.00
Mr. Philip S. Lowell	20.00

Geology Foundation - Various Donors

Mr. Ray D. Woods	\$ 75.00
Mr. William G. McGee	15.00
Mr. Peter T. Flawn	20.00

Geology Foundation - Hal P. Bybee Memorial Fund

Mr. Robert K. Steer	\$ 15.00
Mr. Joseph O. Wheeler	25.00
Mr. Robert W. Pettigrew	25.00
Mr. W. G. McCampbell, Jr.	100.00
Marion and Carroll E. Cook	100.00
Mr. Morgan J. Davis	100.00
Mr. Fred E. Grinstead	15.00
Mr. J. R. Jackson, Jr.	50.00
Mr. Kenneth L. Diebel	15.00
Mr. E. B. Stanford	25.00
Mr. Frank J. Fuqua	100.00
Mr. J. Ben Carsey	25.00

## October, 1958 docket (continued)

<u>Geology Foundation - Hal P. Bybee Memorial Fund (continued)</u>	
Mr. J. F. O'Donohoe	\$ 20.00
Mr. Robert Roth	30.00
Mr. Carr P. Dishroon, Jr.	15.00
Mr. Milton W. Crusius	25.00
Mr. C.V. Winter	20.00
Dr. C. G. Moon	25.00
Mr. J. W. Trantham	10.00
Mr. Jesse Brundrett	20.00
Mr. Hunter Yarborough	100.00
Mr. Charles I. Richey	20.00
Mr. F. A. Hoeninghaus, Jr.	25.00
Mr. Charles Wayne Holcomb	100.00
Mr. Dennis R. Taylor	5.00
Mr. W. P. Craddock	75.00
Mr. R. B. McCarty	10.00
Mr. F. H. McGowan	25.00
Mr. Edward McFarlan, Jr.	100.00
Mr. George E. Welder	20.00
Mr. Myron T. Morris	120.00
Mr. Frank A. Packard	10.00
Mr. George W. Taylor	20.00
Mr. David H. Harrington	10.00
Mr. L. R. Travis, Jr.	25.00
Mr. James V. Hooton	20.00
Mr. Fred W. Geisendorff	10.00
Mr. Emmett A. Humble	20.00
Mr. A. E. Getzendaner	5.00
Mr. E. D. Pressler	100.00
Mr. E. A. Murchison, Jr.	100.00
Mr. W. K. L. Ferguson	20.00
Mr. Stanley R. Allen	25.00
Mr. Fred A. Ealand	25.00
Mr. M. E. Hairgrove	50.00
Mr. John G. Champion	100.00
Mr. John R. Wynne	10.00
Mr. Earl H. Beecher	100.00
Mr. Kenneth A. Warren	25.00
Mr. H. D. McCallum	50.00
Miss Marjorie Fuqua	100.00
Mr. Dunbar Fisher	50.00
Mr. John L. Brock	15.00
Mr. Ed Wolcott	10.00
Mr. Ralph V. Carson, Jr.	25.00
Mr. James W. Adams, Jr.	25.00
Mr. J. Ben Carsey	50.00
Mr. J. L. Patton	90.00
Mr. Robert D. Carter	5.00
Miss Lael M. Ely	5.00
Mr. William R. Fuge, Jr.	5.00
Mr. Thomas B. Henderson, Jr.	5.00
Mr. Charles Wayne Holcomb	10.00
Mr. James V. Hooton	5.00
Miss Eleanor M. Hoover	5.00
Mr. Bill J. McGrew	5.00
Mr. Gaston H. Parrish	25.00
Mr. Bernard H. Ward, Jr.	5.00
Mr. Carroll L. Williams	10.00
Mr. John R. Wynne	5.00
Mr. E. M. Funkhouser	25.00
Mr. A. Knox Tyson	100.00
<u>E. P. Schoch Lectures in Chemical Engineering</u>	
Monsanto Chemical Company	\$100.00
Dr. John T. Humphries	100.00
Mr. H. T. Davidson	25.00

October, 1958 docket (continued)Teacher Education Foundation

Mr. and Mrs. Henry F. Goldsmith (in memory of Mrs. H. J. Otto)	\$ 10.00
Mr. M. Vere DeVault	50.00
Mr. Gerald B. Pratt	5.00
Mrs. Emma K. Brill	10.00
Mrs. Jean Pool Bock	10.00
Mr. L. A. Berry	10.00

Longhorn Band Scholarship Fund

J. R. Reed Music Company	\$ 25.00
Miss Grace C. Hornsby	50.00
Trans-Texas Theatres, Inc.	50.00
Mr. W. M. Gilbert	25.00

Radio-Television Scholarships

Station KFRO, Longview	\$100.00
Station KTRE, Lufkin	50.00
KONO	100.00
WACO	100.00

College of Business Administration Foundation

Gulf Atlantic Warehouse Company	\$100.00
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John Charles Townes Foundation - Unallotted

Judge Robert W. Calvert	\$ 25.00
Mr. E. Ernest Goldstein	24.00
Mr. Corwin W. Johnson	24.00
Mr. Millard H. Ruud	24.00
Mr. C. K. West, Jr.	30.00
Mr. J. Henry Wilkinson, Jr.	25.00
Mr. Charles Alan Wright	25.00
Mr. Milos C. Bradford	10.00
Mr. Ike S. Kempmann, Jr.	5.00
Mr. Charles L. Tighe	5.00
Mr. Miles R. Wyatt	15.00
Mr. Ralph W. Yarborough	25.00
Mr. W. F. Fritz	50.00
Mr. Gus M. Hodges	24.00
Mr. J. R. Howell, Jr.	25.00
Mr. W. O. Huie	24.00
Mr. Denny O. Ingram, Jr.	25.00
Mr. M. K. Woodward	50.00
Mr. Keith E. Morrison	25.00
Mr. Noble W. Prentice	10.00
Mr. Jerre S. Williams	24.00

Scholarships - John Charles Foundation

Judge John C. Hoyo	\$100.00
Mr. Louie D. Godard	20.00

December, 1958 docket  
Fifth Annual Conference for the Advancement of Science  
and Mathematics Teaching

Mr. Edwin J. Jax	\$ 10.00
D. Van Nostrand Company	50.00
GAMCO	25.00
Association Films, Inc.	25.00
Addison-Wesley Publishing Co.	25.00
The Steck Company	25.00
The New American Library	25.00
Mr. W. L. Reynolds	50.00
John C. Winston Co.	25.00
Mr. G. H. Olewin	25.00
Reagan's Audio Visuals	25.00
E. H. Sargent & Co.	50.00
Sun Oil Company	100.00
San Jacinto Chemical Co.	50.00
The Atlantic Refining Co.	50.00
Diamond Alkali Company	75.00
Demoyer-Geppert Company	50.00
Bass H. Hahekette	25.00
Prentice-Hall, Inc.	25.00
Humble Oil & Refining Co.	25.00
W. M. Welch Manufacturing Co.	25.00
Ginn and Company	25.00
Southwestern Bell Telephone Co.	100.00
El Paso Natural Gas Products Co.	100.00
Humble Oil & Refining Co.	100.00
Collins Radio Company	100.00
Convair	100.00
The Atlantic Refining Co.	50.00
Magnolia Petroleum Company	200.00
Central Power & Light Company	50.00
Allyn and Bacon	25.00

Fred C. Ayer Memorial Publication Fund

Mr. Hollis A. Moore	\$ 50.00
Mr. Dale E. Howard	25.00

Business Administration Foundation

Mr. Byron W. Cain	\$ 15.00
Mr. and Mrs. Homer L. Luther	25.00
Mr. John J. Wilson	5.00
Mr. Howard Cox	100.00
Mr. W. C. Scurlock	25.00
Mr. Erwin Heinen	25.00
Mr. O. P. Thomas	20.00
Mr. and Mrs. Patrick D. Moreland	25.00
Mr. J. V. McGoodwin	25.00

Marquis G. Eaton Accounting Education Fund

Mr. J. C. R. Hofferbert	\$ 10.00
Mr. Edward J. McDevitt	50.00

Geology Foundation - Various Donors

Miss Hedwig R. Kniker	\$100.00
Mr. T. H. Shelby, Jr.	25.00
Mr. N. J. Rabensburg, Jr.	10.00
Mr. J. H. McCammon	25.00
Mr. Roger C. Hanke	10.00
Mr. Bert C. Timm	10.00

December, 1958 docket (continued)Geology Foundation (continued)Hal P. Bybee Memorial Fund

Mr. Milo McMurtray	\$ 10.00
Mr. John L. Loftis, Jr.	100.00
Mr. Mack Samford	100.00
Mr. Robert V. Drummond	10.00
Mr. Wiley R. Feist	10.00
Mr. Barthlome Schorre	25.00
Mr. A. M. Olander	25.00
Mr. C. G. Percy	10.00
Mr. Walter M. Strong	25.00
Mr. Gerald S. Pitts	25.00
Mr. William J. Fennessy	10.00
Mr. Carroll L. Williams	40.00
Mr. W. R. Fuge, Jr.	50.00
Mr. Fred E. Schulz	25.00
Mr. R. W. Bradley	25.00
Mr. Bill J. McGrew	10.00
Mr. George Falk	10.00
Mr. Bert C. Timm (Contribution to Various Donors supra)	...
Mr. George Sealy	20.00
Mr. C. E. Buck, Jr.	5.00
Miss Anna Lou Bright	50.00
Mr. Kenneth A. Warren	25.00
Mr. Josh W. Oden	10.00
Mr. Robert S. Harvill, Jr.	25.00
Mr. Leroy C. Buehrer	25.00
Mr. Dwight E. Cassell	20.00
Mr. Furman A. Grimm	50.00
Mr. Henry O. Wyneken	50.00
Mr. Kenneth A. Warren	50.00
Mr. E. B. Hutson	50.00
Mr. Charles N. Jennings	10.00

Engineering Foundation

Mr. R. C. Carson	\$ 20.00
Mr. L. R. Crockett	7.50
Mr. Newton C. Fincher	5.00
Mr. Robert L. Ohls	20.00
Mr. James K. Wilhelm	10.00
Mr. Joseph Bishop	10.00
Mr. G. A. Bracher	20.00
Mr. J. W. Bergfield	10.00
Mr. S. G. Kerahner	30.00
Mr. L. D. Snow	20.00
Mr. Ralph Troseth	20.00
Mr. Frank W. Davis	18.00
Lt. Lowell R. Milligan	10.00
Mr. K. C. Rathbun	25.00
Mr. R. H. Sharpless	5.00
Mr. Hugh F. Smith	25.00
Mr. Leslie Bryant, Jr.	10.00
Mr. Fred E. Grissom	10.00
Mr. Lawrence S. McBee	5.00
Mr. A. Mack Musick	10.00
Mr. F. C. Boston	5.00
Mr. Kenneth B. Ford	20.00
Mr. Donald M. Harrison	10.00
Mr. Victor Keyak	2.00
Mr. Viggo Miller	20.00
Mr. Gilbrt E. Robertson, Jr.	25.00

Aaron Schaffer Memorial Scholarship Fund

Mrs. Kurt L. Hanslowe	\$ 5.00
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December, 1958 docket (continued)E. P. Schoch Lectures in Chemical Engineering

Dr. Walter B. Howard	\$ 25.00
Mr. A. S. Rhea	35.00
Dr. G. E. Montes	30.00

Graduate School of Social Work - Various Donors

Mrs. Dorothy Ledbetter)	\$ 20.00
Mrs. Glasfira Williams)	

March, 1959 docketFred C. Ayer Memorial Publication Fund

Mr. B. R. Brooks, Texas City	\$ 10.00
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Drama Ex-Students Scholarship

Mr. William M. Green, New York City	\$ 10.00
Mrs. Melvyn Schreiber, Galveston	5.00
Mrs. Eleanor Light, Flushing, N. Y.	5.00
Mr. Frank R. Harland	25.00
Drama Associates	100.00

Conference for Advancement of Science and Mathematics Teaching

Gulf Oil Corporation	\$100.00
Mr. Rudy J. Pool	25.00
Hoover Brothers, Inc.	50.00

College of Business Administration Foundation

Mr. Frederick Varnado	\$ 5.00
Mrs. Thomas Jenness, Jr.	10.00
Mr. J. K. Ellison	5.00

Fine Arts Council, Fine Arts Foundation

Mrs. Anne Burnett Windfohr, Fort Worth	\$100.00
Mrs. Ruth Carter Johnson, Fort Worth	75.00
Mrs. Amy Freeman Lee, San Antonio	51.75

For the \$75,000 Endowment Fund

Mr. Edward C. Brown, Arlington	\$ 6.00
Mrs. W. H. Bruyere, Houston	6.00
Miss Ophelia M. Cabaniss, Austin	6.00
Miss Caroline W. Cooper, Oakland, Cal.	6.00
Mr. Marion S. Griffith, Jr., Dallas	6.00
Miss Diane Hopkins, Dallas	6.00
Mrs. Joe O. Huggins, Baytown	6.00
Mr. J. C. Kilgore, League City	6.00
Mrs. S. Marks, Houston	6.00
Miss Velberta A. Millerick, Corpus Christi	6.00
Miss Patricia R. Pierce, Springfield, Mo.	6.00
Mr. E. Potter, El Paso	6.00
Mr. T. D. Cunningham, Comanche	10.00
Mr. Lee B. Norrell, San Antonio	10.00
Miss Margaret Morris, Wilkerson	10.00
Mr. J. D. Blackwell, Henderson	30.00
Mr. Arthur L. Kramer, Jr., Dallas	30.00
Miss Eleanor Page, Austin	30.00

E. P. Schoch Lectures in Chemical Engineering

Dr. Ju-Nam Chew	\$ 15.00
Mr. F. L. Smith	50.00
Dr. M. W. Kriegel	10.00
Mr. Douglas P. Bailey	15.00

March, 1959 docket (continued)Marquis G. Eaton Accounting Education Fund

Mr. P. T. Bee	\$ 50.00
Mr. Herman F. Mazur	10.00

School of Social Work Scholarship Fund

Miss Lucile Hamner	\$ 25.00
Miss Elizabeth Nuelle	10.00
Miss Anne Wilkins	5.00
Mrs. Audrey J. Sullivan	10.00
Galveston County Council for Retarded Children	25.00
Mr. Walter E. Kuehne	5.00

Engineering Foundation

Mr. James W. Windrey	\$ 20.00
Mr. Kenneth E. Burch	5.00
Mr. J. M. Cluck	5.00
Mr. W. D. Culwell	5.00
Mr. Cooper D. Richards	30.00
Mr. Joe L. Mott	5.00
Mr. Milton F. Walther	15.00
Mr. Nafiq Budeiri	12.00
Mr. Fred D. Griffin	20.00
Mr. W. W. Trout	100.00
Mr. Bert S. Kirkpatrick, Jr.	5.00
Mr. A. C. Learned	25.00
Mr. Ernest E. Ludwig	10.00
Mr. B. J. Nankervis	25.00
Mr. Elmer T. Neill	10.00
Mr. W. K. Pipkin	15.00
Mr. Nat J. Shapiro	5.00
Mr. W. K. Williams	10.00
Mosher Foundation	100.00
Mr. Allen D. Clark	20.00
Mr. Loren F. Stringer	5.00
Mr. W. H. Bruyere	50.00
Mr. T. J. Caldwell	25.00
Mr. L. A. Loggins	25.00
Mr. G. R. Yelderman	25.00
Mr. August H. Meinrath	100.00
Dr. W. W. Gremmel	25.00
Lt. Thad Harden	10.00
Mr. A. P. Wenzel, Jr.	10.00
Mr. Sam G. Baugh	5.00
Mr. R. C. Brooks	25.00
Mr. J. W. Brogher	25.00
Mr. F. W. Brown	10.00
Mr. A. J. Cohan	20.00
Mr. Frank Crow	25.00
Mr. E. S. Gilbert	10.00
Mr. G. B. McIntosh, Jr.	20.00
Mr. John T. Manry, III	5.00
Mr. A. E. Phelps, Jr.	10.00
Mr. Bernard Weingarten	20.00
Mr. B. R. Robertson	20.00

John Charles Townes FoundationUnallotted

Mr. Jarrell Garonzik	\$100.00
Mr. Denny O. Ingram	25.00
Mr. Pierre R. Loiseaux	24.00
Mr. R. D. Cox, Jr.	25.00
Mr. Henry Grun	25.00
Mr. Leon Lebowitz	24.00
Texas Association of Plaintiffs Attorneys	100.00
Mr. B. P. Traynor	5.00
Judge Eugene Worley	25.00
Mr. Nicholas Johnson	5.00

March, 1959 docket (continued)John Charles Foundation (continued)Unallotted (continued)

Mr. John Alex Ferguson, Jr.	\$ 7.00
Mr. Robert O'Connor, Jr.	6.75
Mr. Jason Byron Sowell, Jr.	7.00
Mr. James Fortus Brewster	7.00
Mr. Richard Frank Bergner	5.80
Mr. Donald L. Martin	6.50
Mr. Bill J. Mounce	4.50
Mr. William Thomas Deffebach	14.00
Miss Loal Lee Bonner	3.75
Mr. John A. Ward, III	5.40
Mr. Harold F. Curtis, Jr.	6.70
Mr. David Shelby Dale	5.75
Mr. Jack Joseph Rawitscher	6.50
Mr. George Dixon Busch	7.00
Mr. Robert O'Connor, Jr.	.75
Mr. Robert Penn Fowler	5.70
Mr. Wayland C. Rivers, Jr.	7.00
Mr. Owen William Cecil	6.40
Mr. Henry G. Bennett, Jr.	6.50
Mr. George E. Dibrell	5.50
Mr. J. Lee Kittert, Jr.	7.00
Mr. Maurice Wayne Basden	6.20
Mr. Kenneth John Mighell	7.00
Mr. Alex Guevara, Jr.	6.60
Mr. Edward L. Patterson, Jr.	5.10
Mr. Ross Newman Sterling	7.00
Mr. Allen B. Adkins	6.60
Mr. Taylor Nichols	3.60
Mr. Simon Sam N. Paxson	4.75
Mr. George Evans Brown	4.95
Mr. William Franklin Whitefield	5.90
Mr. Lawrence Bruce Fryburger	7.00
Mr. Robert F. Mayhall	7.00
Mr. George Wharton Putnam, Jr.	7.00
Mr. J. R. Schneider	5.75
Mr. Derrell Truett Bradford	7.00
Mr. William Eugene Carroll	9.50
Mr. Thomas H. Burton, Jr.	2.95
Mr. Craig Covington Cantey, Jr.	5.80
Mr. Edgar N. Brown	7.00
Mr. George Clifton, Jr.	5.25
Mr. Robert Allan Brown	5.45
Mr. John Crawford Akard	7.00
Mr. Robert Hubbard Alvis	5.10
Mr. Robert Edwin Oliphant	5.05
Mr. Robert Louis Littenberg	6.50
Mr. James Addison Baker III	6.50
Mr. James Virgil Bliss	7.00
Mr. Samuel Fugus Hurt, Jr.	7.00
Mr. James W. Coburn	6.65
Mr. Arthur Roby Hadden	7.00
Mr. Gordon Russell Wynne, Jr.	7.00
Mr. John Edward Heitler	7.00
Mr. Frederick Julian Morton	5.20
Mr. George McManus	7.00
Mr. Robert Andrian Rowland	6.50
Mr. Landon J. Lockett III	6.50
Mr. Bill Frank Bogle	5.50
Mr. Robert Alvin Hall	7.00
Mr. Gene Earl Steed	7.00
Mr. Robert Sellers Weatherall	4.95
Mr. Carl M. Phillips	6.50
Mr. Rupert Philip Schulze, Jr.	1.90
Mr. Brian Frederick Laffan	6.25
Mr. Herman Paul Pressler III	7.00
Mr. Paul L. Meaders	7.00
Mr. Richard C. Giles	3.90
Mr. Barney Thornton Young	7.00
Mr. Ronald Reeder Calhoun	7.00
Miss Ina B. Stewart	7.00

March, 1959 docket (continued)  
John Charles Townes Foundation (continued)  
Scholarships

Mr. Burke Holman	\$ 25.00
Mr. John C. Harris, Jr.	20.00
Lawyers Title Insurance Corporation	100.00

Frank Bobbitt Fund

Mr. James F. Bobbitt	\$ 88.20
Judge Robert Lee Bobbitt	100.00

Geology Foundation

Various Donors

Mr. Herbert R. Johnson	\$ 20.00
Mrs. John F. Kemp	5.00
Mrs. Helen F. Hagan	100.00
Mr. William E. McBroom	15.00
Income from stock - General Crude Oil Co.	3.75
Mr. Paul B. Hinyard	25.00
Mr. Tom Curry Hendricks	10.00
Mr. W. C. Swadley	10.00
Mr. Morgan J. Davis	100.00
Mr. Charles B. Morris	25.00
Mr. Gene C. Doty	5.00
Mr. Richard E. Grant	20.00
Mrs. H. D. Woods	5.00
Mr. J. K. Larsen	25.00
Mr. C. Carew McFall	5.00
Mr. Robert L. Wood, Jr.	5.00
Royalties on Lab Manual	30.00

Hal P. Bybee Memorial Fund

Mr. Robert L. Wood, Jr.	\$ 5.00
Mr. Hubert James Harrison	5.00
Mr. Leslie White	25.00
Mr. Willard R. Green	10.00
Mr. John K. Petty	25.00
Mr. Dan E. Holland	10.00
Mr. Thomas W. Todd	5.00
Mr. Arthur L. Cochrum	25.00
Mr. Lon D. Cartwright, Jr.	100.00
Mr. Richard T. Short	25.00
Mr. W. F. Reynolds	100.00
Mr. Arthur B. Elliott, Jr.	5.00
Mr. Jerald H. Bartley	20.00
Mr. Joseph E. Keyser	10.00
Mr. Robert D. Ottmann	5.00

Student Loan Fund

Mr. Hubert James Harrison	\$ 5.00
Mr. H. B. Stenzel	30.00
Mr. W. E. Dougherty	100.00
Mr. Jack C. Kern, Jr.	25.00
Mr. R. D. Carter	25.00
Mr. William G. McGee	25.00

March, 1959 docket (continued)

Geology Foundation (ctoninued)

Cuyler and Simonds

Miss Ruth Elinor Wilson	\$ 10.00
Mr. William E. Gipson	25.00
Mr. J. R. Jackson, Jr.	5.00
Mr. Albert W. Weeks	100.00
Mr. Harry C. Loehr, Jr.	10.00
Mr. E. A. Taegel	25.00
Mr. J. Richard Harris	15.00
Mr. Warren J. Cage	10.00
Miss Marriott W. Wiechkoff	10.00
Mr. C. F. Barber	100.00
Miss Louita Dodson Wilson	25.00
Mr. Leon C. Byerley	5.00
Miss Susan Kiefner Cage	7.00

THE UNIVERSITY OF TEXAS  
Office of the Vice-President and Provost  
Main University  
Austin

June 12, 1959

Dr. Logan Wilson, President  
The University of Texas  
Austin 12, Texas

Dear President Wilson:

I am submitting herewith a travel supplement for presentation to the Board of Regents at their meeting in Austin June 12 and 13, 1959:

1. Mr. Robbin C. Anderson, Professor of Chemistry and Director, Academic-Year Institute, May 3-6, 1959, to Salt Lake City, Utah, to attend the meeting of Directors of Academic-Year Institutes held at the University of Utah, expenses to be paid from National Science Foundation grant.
2. Mr. Norman Hackerman, Professor of Chemistry, June 18-26, 1959, to Minneapolis, Minnesota, and Cambridge, Massachusetts, to present a paper at the National Colloid Symposium in Minneapolis, and to present a series of lectures at the Massachusetts Institute of Technology, expenses for the Minnesota trip to be paid from API project.
3. Mr. Winfred Philipp Lehmann, Professor of Germanic Languages, May 31-June 3, 1959, to Newark, New Jersey, for consultation with Signal Corps at Fort Monmouth on machine translation problems, expenses to be paid from contract funds.
4. Mr. Stanley Newman Werbow, Assistant Professor of Germanic Languages, May 31-June 3, 1959, to Newark, New Jersey, for consultation on machine translation problems, expenses to be paid from contract funds.
5. Mr. Werner Winter, Associate Professor of Germanic Languages, May 31-June 3, 1959, to Newark, New Jersey, for consultation on machine translation problems, expenses to be paid from contract funds.
6. Mr. Bernard Bruno Kinsey, Professor of Physics, May 30-June 4, 1959, to Winnipeg, Canada, for consultation, and to Saskatoon, Canada, to attend a meeting of the Royal Society of Canada, expenses to be paid from contract funds.
7. Mr. William Woodrow Robertson, Assistant Professor of Physics, June 12-22, 1959, to Columbus, Ohio, to attend a symposium on molecular structure and spectroscopy, where he will present a paper, expenses to be paid from contract funds.
8. Mr. Lloyd A. Jeffress, Professor of Psychology and Research Psychologist, Defense Research Laboratory, May 25-28, 1959, to Washington, D. C., on Defense Research Laboratory technical matters and for conferences with Navy personnel, expenses to be paid from contract funds.
9. Mr. W. Frank Blair, Professor of Zoology, June 16-20, 1959, to Santiago, California, to attend the meeting of the American Society of Ichthyology and Herpetology where he will present a paper, expenses to be paid from National Science Foundation grant.
10. Mr. Clark Hubbs, Associate Professor of Zoology, June 11, 1959, to Santiago, California, to attend scientific meetings, expenses to be paid from National Science Foundation grant.

11. Mr. Antone G. Jacobson, Instructor in Zoology, June 8-10, 1959, to Palo Alto, California, and to Pennsylvania State University, for consultation and to attend A.I.B.S. meetings, expenses to be paid from grant funds.
12. Mr. Marshall R. Wheeler, Associate Professor of Zoology, June 3-11, 1959, to Cold Spring Harbor, Long Island, New York, to attend symposium, expenses to be paid from contract funds.
13. Mr. William E. Barron, Director, Southwestern School Administration Center, May 29-June 6, 1959, to Norman, Oklahoma, Oklahoma City, and Tulsa, Oklahoma, to attend State Department Workshop and to pick up abstract of thesis and dissertation for W. K. Kellogg publication, expenses to be paid from grant funds.
14. Mr. Rolland G. Walters, Graduate Fellow, Educational Administration, April 8-12, 1959, to Denver, Colorado, to attend Planning Conference for 1959 State Department Workshop, expenses to be paid from grant for Southwest School Administration Center from Kellogg Foundation.
15. Mr. Eldon L. Laidig, Graduate Fellow, May 29-June 4, 1959, to Norman, Oklahoma, to attend State Department workshop, expenses to be paid from W. K. Kellogg Grant for Southwest School Administration Center.
16. Mr. Robert F. Peck, Associate Professor of Educational Psychology, May 25-27, 1959, to Chicago, Illinois, for conferences on the new teacher training program, expenses to be paid from Mental Health in Teacher Training Project.
17. Mr. James W. Reynolds, Professor of Junior College Education, June 6-11, 1959, to Jackson, Goodman, Wesson, Moorehead, and Summit, Mississippi, to collect data from junior colleges in connection with research project, expenses to be paid from grant funds.
18. Mr. J. W. Dalley, Assistant Professor of Aeronautical Engineering, June 8-22, 1959, to Los Angeles, California, to attend meetings of Stanford Heat Transfer and Fluid Mechanics Institute and Institute of Aeronautical Sciences, expenses to be paid from travel funds.
19. Mr. Louis R. Roberts, Research Engineer, June 1-5, 1959, to New York City, to attend special symposia of World Petroleum Congress, expenses to be paid from grant funds.
20. Mr. Bob M. Fannin, Associate Professor of Electrical Engineering, June 11-20, 1959, to Cambridge, Massachusetts, to discuss technical details of contract, and to Toronto, Canada, to attend URSI Symposium on Electromagnetic Theory, expenses to be paid from contract funds.
21. Mr. H. J. Plass, Associate Professor of Engineering Mechanics, June 28-July 3, 1959, to State College, Pennsylvania, to attend the Stress Wave Propagation Symposium, expenses to be paid from Travel in Support of Excellence Fund Projects in Engineering.
22. Mr. Myron L. Begeman, Professor of Mechanical Engineering, June 14-19, 1959, to Pittsburgh, Pennsylvania, to attend the annual meeting of the ASEE, expenses to be paid from Engineering Foundation funds.
23. Mr. Jack A. Scanlan, Associate Professor of Mechanical Engineering, May 12-16, 1959, to Idaho Falls, Idaho, to attend A.E.C. Test Reactor Meeting as University representative, expenses to be paid from funds of Engineering Foundation.
24. Mr. Ernest F. Tiemann, Director, Visual Instruction Bureau, June 23-July 3, 1959, to Lawrence, Kansas, and St. Louis, Missouri, to represent the Department of Audio-Visual Instruction of the National Education Association at the Annual National Conference on Teacher Education and Professional Standards, Lawrence, Kansas, and to participate in the program of the National Education Association in St. Louis, expenses to be paid from travel funds of the Visual Instruction Bureau.

25. Mr. Claude Hiram Eads, Manager, University Printing Division, September 4-14, 1959, to New York City and return via Princeton, New Jersey, to participate in Educational Clinics and Workshops at the meeting of the International Association of Printing House Craftsmen, and to survey Graphic Arts program at Princeton, expenses to be paid from University Printing Division funds.

26. The following with expenses paid from funds of Intercollegiate Athletics:

- (1) Four University Golf Team Members, June 16-30, 1959, to Eugene Oregon, for N.C.A.A. Golf Championships.
- (2) Five University Tennis Team Members, June 19-28, 1959, to Evanston, Illinois, for N.C.A.A. tennis championship.

27. The following with transportation expenses paid from funds of the Committee on Attendance at Meetings of Learned Societies, the staff member in each case to deliver a paper, the result of original research:

- (1) Mr. Allen J. Bard, Instructor in Chemistry, September 13-18, 1959, to Atlantic City, New Jersey, for the meeting of the American Chemical Society.
- (2) Mr. Leonard Broom, Professor of Sociology, September 2-5, 1959, to Chicago, Illinois, to attend the meeting of the American Sociological Society.
- (3) Mr. Frederick L. Crane, Assistant Professor of Chemistry, June 17, 1959, to Meriden, New Hampshire, to attend AAAS, Gordon Conference.
- (4) Mr. Miguel Enguidanos, Assistant Professor of Romance Languages, August 30 and 31, 1959, to New York City, to attend the International Institute of Iberoamerican Literature.
- (5) Mr. George G. Gonyea, Counseling Psychologist, Testing and Counseling Center, September 3-9, 1959, to Cincinnati, Ohio, to attend the meeting of the American Psychological Association.
- (6) Mr. Gideon Sjoberg, Associate Professor of Sociology, September 3-5, 1959, to Chicago, Illinois, to attend the meeting of the American Sociological Society.

28. Mr. Glenn E. Barnett, Associate Dean of the College of Education, June 23-26, 1959, to Lawrence, Kansas, to participate in the conference sponsored by the National Commission on Teacher Education and Professional Standards, expenses to be paid from travel funds of the Dean of the College of Education.

Sincerely yours,

  
H. H. Ransom

*Jack Dr. on  
Res. Grant  
W-4*

~~Post-budget-items~~

- ~~Clippings P. 1, items 5, P. 2, Item 6 and 7, Pages 3-11  
Item 5, Page 1, get contract agreement  
Check contract documents on Pages 3 and 4  
Thank-you letters and check documentation of all gifts.~~

~~*Wilson, Logan*~~  
of The University of Texas  
El Paso, Texas

May 29, 1959

Dr. Logan Wilson, President  
The University of Texas  
Austin 12, Texas

Dear Dr. Wilson:

The following docket is submitted for your approval and presentation to the Board of Regents at its meeting in Austin on June 12-13, 1959.

Engineering

- Transfer \$1,050, the salary budgeted for Mr. Joseph S. Luckett as Instructor, 1/4 time, to the Unallocated Salaries Account since Mr. Luckett resigned prior to September 16, 1958. (R.B.C. No. 109)

Nursing

- Transfer \$17,800 budgeted for two unfilled positions of Associate Professor at \$6,300 each, and one of Assistant Professor at \$5,200, all for nine months, to the Unallocated Salaries Account. (R.B.C. No. 110)

Library

- Appropriate \$15,000 from the Unappropriated Surplus to the Library Equipment Account for the purchase of furniture and equipment for the remodeled Library. It is requested that any unexpended balance as of August 31, 1959, be re-appropriated for the ensuing fiscal year. (R.B.C. No. 112)

Unallocated Maintenance and Operation

- Appropriate \$1,000 from the Unappropriated Surplus to the account, Unallocated Maintenance and Operation. (Availability of funds when the Budget was prepared permitted appropriation of only \$1,000 for Unallocated Maintenance and Operation. Present collections of local income exceed Budget estimates to a comfortable degree). (R.B.C. No. 111)

Centennial Museum

- Approve expenditures as follows for archaeological exploration in the States of Chihuahua and Coahuila in the Republic of Mexico in 1959-60, 1960-61:

*T-22*

	<u>Annual Expenditures</u>	<u>For Two Years</u>
Transportation in Mexico	\$ 50	
Labor costs in Mexico	<u>225</u>	
Total expenditures in Mexico	\$275	\$ 550
Cost of Publications	125	250
Travel Expenses	<u>100</u>	200
Total cost of project	\$500	\$1,000

*File*

T-22

The Mexican government requires a minimum expenditure per year of \$275 for this type of exploration. It also requires fifty copies of each resultant publication (with Spanish translation) to be deposited in the Instituto Nacional de Antropologia e Historia. It is proposed that Museum equipment (e.g., photographic equipment, alidade, plane table, other surveying equipment) be used in these preliminary explorations into prehistoric and historic sites along the Texas border. The ultimate object is to trace the development of civilization in the valley of the Rio Grande from El Paso to the Big Bend. If the above is approved, a formal contract between the Museum and the Republic of Mexico will later be presented for action to the Board of Regents.

Current Restricted Funds

6. Approve use of balance of \$2990 from Current Restricted Funds - Frank B. Cotton Trust - subsidiary account entitled "Proposed Site of President's New Home" for landscaping, refinishing furniture and equipment for president's house.

M-80366

7. In its meeting on September 19-20, 1958, the Board of Regents approved an appropriation of \$12,500 from the Unappropriated Surplus - Frank B. Cotton Estate Trust Income to the Library Book Fund - Current Restricted Funds to be used to purchase a portion of the Parsons Collection from the Main University. These funds, representing the second half of the total expenditure for said purchase have not been transferred to the Main University and discussions with officials of Central Administration and the Main University have led to the conclusion that such purchase is not in the best interest of the Texas Western College Library. It is now requested that the College be authorized to use the appropriation of \$12,500 for the purchase of library books without restrictions as to the source and that any unexpended balance as of August 31, 1959, be re-appropriated for the ensuing year.

M-1006

Intercollegiate Athletics

8. Approve the payment of \$1,224.05 from departmental funds to Mr. Ross Moore, Instructor of Health and Physical Education, for extra work in handling the advertising for the football program during the 1958 football season.

SCHELLENGER LABORATORY -- Approve the following appointment and changes in salary under White Sands Missile Range Contract No. DA 29-040-ORD-1237:

1. Appoint Mr. Clarence H. Cooper as Research Physicist for the period March 1 - June 15, 1959, at a salary of \$1,944.42. (R.B.C. No. 104)

2. Increase the amount paid to Mr. Harold S. Slusher as Research Physicist, 1/4 time, by \$75 for the Second Semester. The total semester payment of \$650 is based on Mr. Slusher's adjusted nine-months salary rate of \$5,200 as Instructor in Mathematics. (R.B.C. No. 94)

3. Increase the amount paid to Mr. Charles H. Gladman as Research Mathematician, 1/4 time, by \$87.50 for the Second Semester. The total semester payment of \$800 is based on Mr. Gladman's adjusted nine-months salary rate of \$6,400 as Associate Professor of Mathematics. (R.B.C. No. 95)

4. Increase the amount paid to Mr. Ralph M. Coleman as Research Engineer, 1/4 time, by \$68.75 for the Second Semester. The total semester payment of \$843.75 is based on Mr. Coleman's adjusted nine-months salary rate of \$6,750 as Professor of Engineering. (R.B.C. No. 96)
5. Increase the amount paid to Mr. Paul C. Hassler as Research Engineer, 1/4 time, by \$75 for the Second Semester. The total semester payment of \$787.50 is based on Mr. Hassler's adjusted nine-months salary rate of \$6,300 as Associate Professor of Engineering. (R.B.C. No. 97)
6. Increase the amount paid to Mr. Howard C. Vanzant as Research Engineer, 1/8 time, by \$53.13 for the Second Semester. The total semester payment of \$371.88 is based on Mr. Vanzant's adjusted nine-months salary rate of \$5,950 as Assistant Professor of Engineering. (R.B.C. No. 98)
7. Increase the amount paid to Mr. Harold N. Ballard as Research Physicist, 1/4 time, by \$100 for the Second Semester. The total semester payment of \$725 is based on Mr. Ballard's adjusted nine months salary rate of \$5,800 as Assistant Professor of Physics. (R.B.C. No. 99)
8. Increase the amount paid to Mr. Thomas G. Barnes as Principal Investigator, 1/2 time, by \$100 for the Second Semester. The total semester payment of \$1,775 is based on Mr. Barnes' adjusted nine-months salary rate of \$7,100 as Professor of Physics (R.B.C. No. 100)  
(3/4 T).
9. Increase the amount for the Second Semester paid to Mr. Oscar H. McMahan as Research Physicist, 1/4 time, by \$75. The total semester payment of \$800 is based on Mr. McMahan adjusted nine-months salary rate of \$6,400. (R.B.C. No. 101)
10. Increase the amount for the Second Semester paid to Mr. Robert L. Schumaker as Research Physicist by \$50. The total semester payment of \$675 is based on Mr. Schumaker's adjusted nine-months salary rate of \$5,400 as Assistant Professor of Physics. (R.B.C. No. 102)
11. Increase the amount for the Second Semester paid to Mr. Clarence J. Cervenka as Research Engineer by \$100. The total semester payment of \$750 is based on Mr. Cervenka's adjusted nine-months salary rate of \$6,000 as Assistant Professor of Engineering. (R.B.C. No. 103)

Approve the following appointment under White Sands Missile Range Contract No. DA 29-040-ORD-1625:

12. Dr. Edwin J. Knapp, Professor of Mathematics and Physics at a Long Session salary rate of \$8,000, as Research Physicist, 1/4 time, for the period March 17-June 15, 1959, at a salary of ~~\$777.77~~.  
(R.B.C. No. 105) 655.93

CONTRACTS -- The following contract has been executed on behalf of Texas Western College by President J. R. Smiley. I recommend approval and ratification of signature.

1. Contract No. DA 29-040-ORD-1625 with White Sands Missile Range in the amount of \$25,000, covering the period March 17, 1959, to March 17, 1960, to conduct research into the Design, Assembly, and

Testing of a Reflecting, Multiple, Transversal, Absorption Cell. Mr. Thomas G. Earnes, Professor of Physics, will be in responsible charge of the project and Dr. Edwin J. Knapp, Professor of Mathematics and Physics, will be the project manager.

2. Modification No. 8, Supplemental Agreement to Contract No. DA-29-040-ORD-1237 covering Research and Analysis of Certain Acoustical and Meteorological Data. This supplemental agreement increases the existing scope of work of the contract and increases the cost by \$62,000.

3. Modification No. 2, Supplemental Agreement to Contract No. DA 29-040-ORD-1332 covering research in Design and Development of Remote Recording Systems. This supplemental agreement extends the term of the contract without increase in scope of work or the estimated cost.

4. Approve the acceptance of the low bid submitted by Parrish Stage Lines for furnishing a bus, driver, and all other transportation expense required for field trip for graduating students in the Department of Mining and Metallurgy and the Department of Geology. The trip will be made during the period May 17-29, 1959, and will cover approximately 3,173 miles through Texas, New Mexico, Colorado, Utah, and Arizona. This trip is required for graduating students who pay special fees equal to the total cost. Bids on file in the Business Office are as follows:

Parrish Stage Lines	36¢ per mile
Western Greyhound Lines	50¢ per mile
Continental Trailways	(No bid - on strike)

Added to the above mileage charge will be entrance fees into Arizona and certain National Parks.

RESEARCH GRANT -- A grant of \$3,000 has been received from the Research Corporation, New York, in support of research work to be done by Mr. Floyd B. O'Neal, Assistant Professor of Chemistry. The title of the proposed research is Reactions and Chelating Properties of Kojic Acid, Kojyl Palmitate, Other Kojic Acid Derivatives, and 2,5-Dihydroxybenzoquinone.

GIFTS -- The following gifts have been received by Texas Western College. I recommend acceptance and that the thanks and appreciation of the Board of Regents be sent the donors by the Secretary, except in the case of gifts of \$100 or less which I have been authorized to accept on behalf of the Board. In the case of scholarships where the recipient is designated by the donor, it has been ascertained that the donor is a charitable or public foundation and the donation does not constitute an evasion of taxes.

1. The El Paso Chapter of the American Business Women's Association has given a scholarship in the amount of \$125 for the 1959 Spring Semester naming the recipient. This is a continuation of donor's scholarship assistance program.

2. The Vowell Construction Company of El Paso has given \$200 to be added to the Vowell Construction Company Scholarship Fund. Recipients of these awards are selected by the College Scholarship Committee.

3. The Progressive Woman's Club of El Paso has given a scholarship in the amount of \$120 for the 1959-60 Long Session to be awarded by the College Scholarship Committee. T-735a-1

4. The Clardy Fox School Parent-Teacher Association, El Paso, has given a scholarship in the amount of \$150 for a student majoring in Education and recommended by the Chairman of that Department. T-713M

5. The Abdou Produce and Cold Storage Co. has given \$300 as a scholarship to be awarded by the College Scholarship Committee for the year 1959-60. This award is designated as the Salim N. Abdou Memorial Scholarship. Preference is given to a male student majoring in Business Administration. T-700

6. The sum of \$150 has been received from the George Fred Hardy Memorial Foundation, El Paso, representing two scholarships of \$75 each for the 1959 Spring Semester. The donor has named the recipient. This is a new scholarship fund. T-721

7. The Woman's Auxiliary of Texas Western College has given \$2,000 for scholarships to be awarded without restrictions by the College Scholarship Committee during the 1959-60 Long Session. T-750

8. The sum of \$500 has been received from Mrs. C. D. Belding of El Paso to be added to the principal of the C. D. Belding Memorial Fund. The principal is invested with the income used for scholarships. T-706

9. The El Paso Elks Club No. 187 has given \$500 for scholarships for the 1959-60 Long Session, naming the recipients. This is a continuation of donor's scholarship assistance program. T-713.a

10. The City Pan-hellenic Congress of El Paso has given \$300 representing two scholarships of \$150 each for the 1959-60 Long Session. These awards are to be made by the College Scholarship Committee to students who are residents of El Paso County, one a freshman and the other an upperclassman. T-713b

11. DeWitt & Rearick, Inc., of El Paso has given a scholarship in the amount of \$500 for 1959-60. This award is to be made by the College Scholarship Committee to a student majoring in Business Administration and recommended by the Chairman of that department. T-710

12. The Ysleta Woman's Club of Ysleta, Texas, has given a scholarship in the amount of \$200 for the 1959-60 Long Session, naming the recipient. This is a continuation of donor's scholarship assistance program. T-735a.1

13. The El Paso Branch of the American Association of University Women has given a scholarship in the amount of \$125 for the 1959-60 Long Session. This award is to be made by the College Scholarship Committee to a woman student. T-703

14. The Parent-Teacher Association of Coldwell School ( El Paso has given a \$150 scholarship for the 1959 Spring Semester and the 1959 Fall Semester. The recipient is to be a student majoring in Education and recommended to the College Scholarship Committee by the Chairman of the Education Department. T-713M

15. The Kennecott Copper Corporation ( Chino Mines Division) of Hurley, New Mexico, has given a \$500 scholarship for the 1959-60 Long Session. This fund is administered by the College Scholarship Committee. T-735a.1

16. The sum of \$200 has been received from the Tri-State Broadcasting Co., Inc. as two scholarships of \$100 each for the 1958-59 Long Session. These awards, designated as the KTSM Scholarships, are administered by the College Scholarship Committee. T-728a

17. The sum of \$20,000 has been received from the Miners' Scholarship and Development Fund for the benefit of the College Intercollegiate Athletics program. T-731

18. The Belles, organization of dormitory women students, have given \$623.50 to the College to be applied toward the purchase and installation of a "buzzer system" for Bell Hall. This money has been deposited in a Trust Fund account designated as the Belles Gift Fund. T-502

19. The sum of \$125 has been received from Delta Nu Chapter of Delta Kappa Gamma as a scholarship for the 1959-60 Long Session. The College Scholarship Committee awards this scholarship to a senior woman student majoring in Education and recommended by the Chairman of the Department of Education. T-707

20. The sum of \$150 has been received from the Joe H. Goodman Estate as a scholarship for the 1959 Spring Semester and the 1959 Fall Semester. This award is to be made by the College Scholarship Committee to a student majoring in Education and recommended by the Chairman of that Department. T-719

21. The Southwestern Junior Rodeo Association, Inc., of El Paso, has given \$150 for scholarships for the 1959 Spring Semester. These funds are to be awarded by the College Scholarship Committee with no restrictions. T-748

22. The Commonwealth Foundation, P. O. Box 32, El Paso, has presented to the College a 1954 Cadillac automobile. It will be used primarily in connection with the business of the Frank B. Cotton Estate, from which maintenance will be provided. The Foundation has previously donated to the College funds for scholarships and for Library acquisitions. T-602

23. The TI-GSI Foundation of Dallas has given Transistors valued at \$1,500 to the Department of Engineering. T-502

24. The El Paso Natural Gas Company has given a Jarrell-Ash spectrograph valued at \$15,000 to the Chemistry Department. This T-502

gift, with the addition of equipment purchased by the Chemistry Department at a cost of \$9,000, has provided the College with an outstanding Spectrographic Laboratory for instructional and research purposes.

25. The Mexican Division of the American Smelting and Refining Company has given a magnetic separator to the Department of Mining and Metallurgy. The value of this gift is approximately \$600. T-502

26. Checks have been received as listed below to establish the Grace Ann Beal Memorial Scholarship Fund. Awards of a scholarship from this fund are to be made by the College Scholarship Committee to students majoring in Nursing. T-705

<u>Donor</u>	<u>Address</u>	<u>Amount</u>
Virginia Beal	206 East Blacker El Paso, Texas	\$170.50
Mrs. John C. Crimen	El Paso, Texas	25.00
Sue McLean	Kerrville, Texas	6.00
Bessie T. Kassel	El Paso, Texas	5.00
W. K. Manning	Kerrville, Texas	5.00
Employees Accounting Department	El Paso Natural Gas Co. El Paso, Texas	10.00
Helen Abraham Recreation and Welfare Assn. of NIH, Inc.	El Paso, Texas Bethesda, Maryland	5.00 50.00
First Christian Church Missions Fund	Midland, Texas	253.50
Norman B. McCullough	Bethesda, Maryland	100.00
Kathryn Mains	Bethesda, Maryland	12.50
Dorothy E. Moore	Bethesda, Maryland	5.00
Donald R. Goldthorpe	Bethesda, Maryland	5.00
Mrs. Sally Ann Lyons	Bethesda, Maryland	5.00
Marie L. Hesselbach	Bethesda, Maryland	5.00
Dorland J. Davis	Bethesda, Maryland	5.00
Bernice Eddy Wooley	Bethesda, Maryland	5.00
Elizabeth Y. Pilgren	Bethesda, Maryland	10.00
Riley D. Houscwright	Frederick, Maryland	5.00
Jane L. Showacre	Riverdale, Maryland	10.00
Alexis Shelokor	Kensington, Maryland	10.00
Mary S. Valentino	Hyattsville, Maryland	10.00
Elizabeth Verder	Washington, D.C.	10.00
Birdie Alexander	El Paso, Texas	5.00
		<u>\$732.50</u>

The following gifts of \$100 or less have been made to Texas Western College and proper acknowledgement has been made by the College to the donors:

1. The Travis School Parent-Teacher Association, El Paso, has given a scholarship in the amount of \$50.00 for a student majoring in Education and recommended by the Chairman of that department. T-713M

2. The El Paso Piano Co. has given a \$50 scholarship for the 1959 Spring Semester to be awarded to a music student by the College Scholarship Committee. *T-736*

3. The El Paso Herald-Post has given a \$100 scholarship for the 1958-59 Long Session to be awarded to a student majoring in Journalism by the College Scholarship Committee. *T-728a.1*

4. The White Spur 20-30 Club of El Paso has given a \$100 scholarship for the 1959 Spring Semester and the 1959 Fall Semester to be awarded by the College Scholarship Committee. Preference is given to a student living in the Upper Valley. *T-735a.1*

5. A check for \$100 has been received from the Ponder Insurance Agency as a scholarship for the 1959-60 Long Session to be awarded by the College Scholarship Committee. *T-735a.1*

6. The El Paso Times has given a \$100 scholarship for the 1958-59 Long Session to be awarded by the College Scholarship Committee to a student majoring in Journalism. *T-728a.1*

OUT-OF-STATE-TRIPS -- I recommend approval of the following out-of-state trips for staff members listed, expenses to be paid from Maintenance and Travel funds unless otherwise indicated:

1. Rex E. Gerald, Curator of the Museum, to Salt Lake City, Utah, April 29 - May 3, 1959, to attend the Society for American Archaeology meeting for the purpose of collecting current information for new exhibits on Southwestern and Mexican archaeology and locating Spanish armor and household utensils for use in the El Paso History Hall.

2. Substitute Mr. Guy E. Ingersoll, Associate Professor of Mining and Metallurgy, for Dr. J. C. Rintelen, Jr. for an out-of-state trip, May 17-30, 1959, to conduct the senior field trip, because of the illness of Dr. Rintelen, This trip was approved by the Board of Regents at the meeting March 13-14, 1959. *See Per. file*

1959 Summer Session

1. Appropriate \$17,026 from the Unallocated Salaries Account to Resident Instruction (Salaries) for the 1959 Summer Session. The additional amount is needed because of increased salary rates. (R.B.C. No. 106)

2. Transfer \$777 from General Operating Expense (Salaries) to the Unallocated Salaries Account since this amount was not budgeted for the 1959 Summer Session. (R.B.C. No. 107)

3. Transfer <sup>458</sup>~~448~~ from the account for General Administrative Salaries-Summer Session to the Unallocated Salaries Account since this amount will not be used. (R.B.C. No. 108)

4. Increase the salary of Steele Jones, Director of News and Information, 1/2 time, from \$784 to \$850 for the 1959 Summer Session,

the additional amount of \$66 to be appropriated from the Unallocated Salaries Account. This is to correct an error in computing the salary for the Summer Session based on the Long Session rate. (R.B.C. No. 117)

5. Approve a day-camping program for children to be directed by Dr. LeRoy G. Seils, Professor of Health and Physical Education. Such a program will provide direct experiences with children for the major students in the Department and will provide the directing faculty the opportunity for experimenting with methods of instruction for children at the elementary school age. The camp will be financed by a charge of \$13 per week per child, \$3 of each fee to go to the College for maintenance of the swimming pool and other facilities and equipment used, and the remainder of the fee will be used to provide salaries for the directing faculty.

6. Accept the resignation of Mr. George C. McCarty as Associate Professor of Health and Physical Education, full-time for the First Term at a salary of \$967 and half-time for the Second Term at a salary of \$483, the total salary of \$1,450 to be lapsed to the Unallocated Salaries Account. (R.B.C. No. 113)

7. Accept the resignation of Mr. Mike Brumbelow as Coordinator of Intramurals, 1/2 time, for the Summer Session. The budgeted salary of \$1,250 is to be lapsed to the Unallocated Salaries Account. (R.B.C. No. 115)

8. Change the appointment of Mr. George C. McCarty from Assistant in Intramurals, 1/2 time, during the Second Term at a salary of \$483 to Coordinator of Intramurals, 1/2 time, for both terms of the Summer Session at a salary of \$1,125, the additional salary of \$642 to be appropriated from the Unallocated Salaries Account. (R.B.C. No. 116)

9. Accept the resignation of Mr. Mike Brumbelow as Assistant to the President, 1/2 time, for the Summer Session and appoint Mr. George McCarty as Acting Assistant to the President to fill this position at a salary of \$1,125 for the Summer Session. The balance of \$125 is to be lapsed to the Unallocated Salaries Account, Current Restricted Funds Budget, (R.B.C. No. 114)

10. Increase the salary of Steele Jones, Director of Publicity, 1/2 time, (Intercollegiate Athletics), from \$784 to \$850 for the Summer Session, the additional amount of \$66 to be appropriated from Intercollegiate Athletics Funds. This is to correct an error in computing the salary for the Summer Session based on the Long Session rate. (R.B.C. No. 118)

SCHELLENGER LABORATORY -- Approve the following appointments for the Summer Session under White Sands Missile Range Contract No. DA 29-040-ORD-1237:

1. Mr. Jack J. Bourquin, Instructor in Engineering at a Long Session salary of \$4,500, as Research Engineer, 1/4 time for both terms at a salary of \$187.50 per term. (R.B.C. No. ~~120~~)

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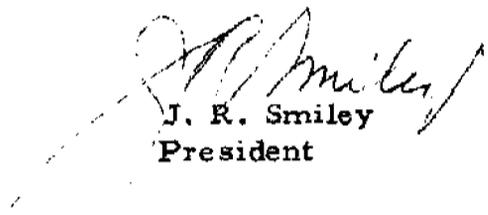
2. Mr. Clarence J. Cervenka, Assistant Professor Engineering at a Long-Session salary of \$6,000, as Research Engineer, 1/4 time, for both terms at a salary of \$250 per term. (R.B.C. No. 122)
3. Mr. Ralph M. Coleman, Professor of Engineering at a Long-Session salary of \$6,750, as Research Engineer, 1/4 time, both terms at a salary of \$281.25 per term. (R.B.C. No. 123)
4. Mr. Clarence H. Cooper as Research Physicist for both terms at a salary of \$833.33 per term. (R.B.C. No. 124)
5. Mr. Eugene A. Dean as Research Physicist for both terms at a salary of \$750 per term. (R.B.C. No. 125)
6. Mr. Francis L. Fugate, Assistant Professor of English at a Long-Session salary of \$5,000, as Technical Writer and Editor for both terms of the Summer Session at a salary of \$833.33 per term. (R.B.C. No. 126)
7. Mr. Charles H. Gladman, Associate Professor of Mathematics at a Long-Session salary of \$6,400, as Research Physicist, 1/4 time, for both terms at a salary of \$266.67 per term. (R.B.C. No. 127)
8. Mr. Paul C. Hassler, Associate Professor of Engineering at a Long-Session salary of \$6,300, as Research Engineer, 1/4 time, for both terms at a salary of \$266.67 per term. (R.B.C. No. 128)
9. Mr. Oscar H. McMahan, Associate Professor of Physics at a Long-Session salary of \$6,400, as Research Physicist, 1/4 time, for both terms at a salary of \$266.66 per term. (R.B.C. No. 129)
10. Mr. Carlos McDonald as Research Physicist for both terms at a salary of \$750 per term. (R.B.C. No. 130)
11. Mr. David L. Mott as Research Physicist for both terms at a salary of \$750 per term. (R.B.C. No. 131)
12. Mr. Robert L. Schumaker, Assistant Professor of Physics at a Long-Session salary of \$5,400, as Research Physicist, full-time the first term at a salary of \$900, and 1/4 time the second term at \$225. (R.B.C. No. 132)
13. Mr. Stanley L. Smith as Research Physicist for both terms at a salary of \$750 per term. (R.B.C. No. 133)
14. Miss Aurora Villegas as Research Physicist for both terms at a salary of \$750 per term. (R.B.C. No. 134)
15. Mr. Paul Harris as Research Engineer for both terms at a salary of \$750 per term. (R.B.C. No. 135)
16. Mr. Thomas G. Barnes, Professor of Physics at a Long-Session salary of \$7,234, as Principal Investigator, part-time, for both terms at a salary of \$703 per term. (R.B.C. No. 119)
17. Mr. Harold N. Ballard, Assistant Professor of Physics at

a Long Session salary of \$5,800, as Research Physicist, 1/4 time, for the first term at a salary of \$241.67, and 3/4 time for the second term at a salary of \$563.89. (R.E.C. No. 120)

Approve the following appointment under White Sands Missile Range Contract No. DA 29-040-ORD-1625:

18. Dr. E. J. Knapp, Professor of Mathematics and Physics at a Long-Session salary of \$8,000, as Research Physicist, 1/4 time, for both terms at a salary of \$333.33 per term. (R.E.C. No. 136)

Sincerely yours,



J. R. Smiley  
President

OFFICE OF THE BOARD OF REGENTS

MEMORANDUM

DATE.....

TO: ~~XXXXXWESTERN COLLEGE~~  
MEDICAL BRANCH ----

FROM:

SUBJECT:

~~Part Budget~~ <sup>13,16,17,18,19</sup>  
~~Clippings, 9, 10, 11, 12, [redacted] and attachments~~  
~~Documentation PP. 20, 25, 17, 18, 19, 14, 15, 16~~  
~~Thank-you letters pp. 10-19, 16, 17, 18, 19~~  
~~Helen Harrison pp. 19-25~~  
~~18, 19~~

*Dir'l Contracts to K.../6*

THE UNIVERSITY OF TEXAS MEDICAL BRANCH  
GALVESTON

May 29, 1959

Dr. Logan Wilson, President  
The University of Texas  
Austin 12, Texas

Dear Dr. Wilson:

The following docket is submitted for your approval and presentation to the Board of Regents at its meeting in Austin on June 12-13, 1959:

1958-59 BUDGET

General Administration

Executive Director's Office

1. Reappoint Dr. H. Frank Connally as Assistant Executive Director, at a salary rate of \$15,000 for twelve months plus \$5,000 per annum from the Current Restricted Account - National Fund for Medical Education Grant as Assistant Professor in Obstetrics and Gynecology, effective March 1, 1959. Unused funds (\$1,250) transferred to Unallocated Salaries - Non-Teaching. (RBC No. 181)

2. Accept the resignation of Dr. H. Frank Connally, Assistant Executive Director, at a salary rate of \$15,000 for twelve months, effective March 31, 1959. (RBC No. 212) (See Item No. 25)

3. Accept the resignation of Mr. Warren G. Harding from the positions and at the salary rates indicated below effective March 31, 1959.

\$4,200 per annum as Assistant to the Executive Director  
4,000 per annum as Registrar  
800 per annum as Instructor in Preventive Medicine and  
Public Health

\$9,000 per annum, total salary.

(RBC No. 213)

Dean of Medicine

4. Change the title of Dr. Kenneth M. Earle from Assistant Dean of Medicine (Undergraduate) to Dean of Medicine, at a salary rate of \$5,000 for twelve months, effective April 1, 1959. Dr. Earle also serves as Associate Professor in Pathology at a salary rate of \$14,000 for twelve months, of which \$3,000 is derived from Current Restricted Funds-Pathology Fees; total salary for twelve months, \$19,000. (RBC No. 209)

5. Create a position entitled "Assistant Dean and Director of Admissions and appoint Mr. Warren G. Harding to this position at a salary rate of \$10,000 for twelve months, effective April 1, 1959. Funds needed to come from Unallocated Salaries - Non-Teaching. (RBC No. 214) (Executive Committee action)

Business Manager's Office

6. Change the status of Mr. E. D. Walker from Business Manager at a salary rate of \$11,200 for twelve months to Business Manager and Comptroller of Hospitals at a salary rate of \$13,500 for twelve months, effective April 1, 1959. Funds needed to come from Unallocated Salaries - Non-Teaching. (RBC No. 208) (Approved by Executive Committee)

7. Change the status of Mr. Henry L. Benecke from Assistant Business Manager, full-time, at a salary rate of \$7,104 for twelve months, to Assistant Business Manager, part-time, at a salary rate of \$3,600 for twelve months, effective February 15, 1959. Unused funds transferred to Unallocated Salaries - Non-Teaching. (RBC No. 165) (See Item No. 71)

Auditor's Office

8. Accept the resignation of Mr. Oris M. Mooney, Auditor, at a salary rate of \$8,000 for twelve months, effective April 15, 1959. (RBC No. 210) (See Item No. 59)

General Expenses

General Stores

9. Transfer \$755 from Unappropriated Surplus to the Maintenance and Equipment Account, effective April 1, 1959. (RBC No. 190)

Mail and Telephone Service

10. Change the status of Mr. Albert S. Critchfield from Communications Supervisor, part-time, at a salary rate of \$2,400 for twelve months, to Communications Supervisor, full-time, at a salary rate of \$6,468 for twelve months, effective February 15, 1959. Funds needed to come from Unallocated Salaries - Non-Teaching. (RBC No. 164) (See Item No. 70)

Student Health Service

Neurology and Psychiatry

11. Effective June 30, 1959, accept the resignation of Dr. Charles Z. K. Mitis, Psychiatrist in Student Health Service at a salary rate of \$2,600 for twelve months, and Assistant Professor in Neurology and Psychiatry at a salary rate of \$8,500 for twelve months; total salary for twelve months, \$11,100. (RBC No. 233)

School of Medicine

Anatomy

12. Appoint Dr. W. Keith O'Steen as Assistant Coordinator of the NIH Experimental Training Grant Program, at a salary rate of \$1,800 for twelve months, effective March 1, 1959. Funds to come from U. S. Public Health Service Grant No. 2R-29(C1). Dr. O'Steen also serves as Instructor in Anatomy at a salary rate of \$6,600 for twelve months; total salary for twelve months, \$8,400. (RBC No. 168) (Approved by Executive Committee)

13. Appoint Dr. Walther J. Hild as Assistant Professor, at a salary rate of \$8,600 for twelve months, effective March 1, 1959. Funds needed to come from Unallocated Salaries - Teaching. (RBC No. 189)

Anesthesiology

Physical Plant

14. Transfer \$755 from Anesthesiology's Special Activities Account - Professional Fees to an account in the Physical Plant captioned "Remodeling of Ward Area - 2nd Floor - John Sealy Hospital. (RBC No. 167)

Anesthesiology

Medical House Staff

15. Transfer \$600 from Anesthesiology's Special Activities Account - Professional Fees to Medical House Staff in order to supplement the salary of Dr. Honorio Aquino, Resident, for the period March 1, 1959 through August 31, 1959. (RBC No. 173)

Dermatology

16. Change the status of Dr. Marrell A. Forbes, Jr., from Assistant Professor, part-time, at a salary rate of \$600 for twelve months, to Assistant Professor, part-time, without salary, effective May 1, 1959. (RBC No. 221)

17. Change the status of Dr. Edward R. Thompson from Instructor, part-time, at a salary rate of \$300 for twelve months, to Instructor, part-time, without salary, effective May 1, 1959. (RBC No. 222)

18. Change the status of Dr. Charles J. Wilson from Assistant Professor, full-time, at a salary rate of \$11,000 for twelve months, to Assistant Professor, part-time, at a salary rate of \$600 for twelve months, effective May 15, 1959. Unused funds (\$3,075.34) transferred to Unallocated Salaries - Teaching. (RBC No. 223)

19. Create a position of Assistant Professor and change the status of Dr. Mary E. Pinkerton from Instructor, at a salary rate of \$7,200 for twelve months, to Assistant Professor, at a salary rate of \$7,800 for twelve months, effective May 1, 1959. Funds to come from the position Instructor (Pinkerton) and Unallocated Salaries - Teaching. (RBC No. 224)

Internal Medicine

20. Appoint Dr. James J. Leonard as Assistant Professor, at a salary rate of \$14,500 for twelve months, effective March 15, 1959. Funds to come from the position Professor (Randall), U. S. Public Health Service Grant No. HHS-5314, and Unallocated Salaries-Teaching. (RBC No. 188)

Neurology and Psychiatry

21. Appoint Henrik Lindt as Social Work Supervisor, at a salary rate of \$6,468 for twelve months, effective February 15, 1959. Funds to come from U. S. Public Health Service Grant No. 2M-6034(C2). He also received \$312 per annum as Social Work Supervisor in Medical Case Service; total salary for twelve months, \$6,780. (RBC No. 171) (See Item No. 67)

22. Reappoint Dr. Franklin P. Schuster as Instructor, at a salary rate of \$7,560 for twelve months, effective April 1, 1959. Funds to come from U. S. Public Health Service Grant No. OM-76(C1). Dr. Schuster also serves as Research Psychiatrist without salary in the Youth Development Project. (RBC No. 194)

23. Reappoint Agnes C. Ritchie as Instructor, at a salary rate of \$6,780 for twelve months, effective April 1, 1959. Funds to come from U. S. Public Health Service Grant No. OM-76(C1). Mrs. Ritchie also serves as Social Caseworker III without salary in Medical Case Service. (RBC No. 196)

24. Accept the resignation of Dr. Hugh A. Pennal, Instructor, at a salary rate of \$6,000 for twelve months, effective July 14, 1959. (RBC No. 231)

Obstetrics and Gynecology

25. Change the status of Dr. H. Frank Connally from Assistant Professor, at a salary rate of \$5,000 for twelve months from the Current Restricted Account - National Fund for Medical Education Grant, to Assistant Professor, without salary, effective April 1, 1959. (RBC No. 212)

Oto-Rhino Laryngology

26. Accept the resignation of Dr. Johannes P. Bakker, Instructor, at a salary rate of \$9,000 for twelve months, effective June 30, 1959. (RBC No. 232)

27. Appoint Dr. Henry E. Maddox, III, as Instructor, at a salary rate of \$9,000 for twelve months (vice Johannes P. Bakker), effective July 1, 1959. (RBC No. 235)

Pathology

28. Change the status of Walter E. Herbst, Research Associate, from full-time at a salary rate of \$6,468 for twelve months, to part-time at a salary rate of \$5,336 for twelve months, effective February 1, 1959 through August 31, 1959. Funds derived from Navy Contract No. Nonr-1598(04). (RBC No. 172)

29. Grant a leave of absence, without salary, to Dr. Edwin W. Godfrey, Instructor, at a salary rate of \$5,500 for twelve months, for the months of September and October, 1958. Unused funds (\$916.70) transferred to Unallocated Salaries - Teaching. Dr. Godfrey returned to his duties on November 1, 1958. (RBC No. 174)

30. Reappoint Dr. Glenn V. Russell as Teaching Associate, at a salary rate of \$1,200 for twelve months, effective April 1, 1959. Funds to come from U. S. Public Health Service Grant No. 2B-5198(G1). Dr. Russell also serves as Associate Professor in Anatomy at a salary rate of \$9,000 for twelve months. Total salary per annum, \$10,200. (RBC No. 175)

31. Appoint Dr. George W. Thoma as Visiting Lecturer, without salary, effective March 16, 1959. (RBC No. 187)

32. Correct the name of Bill Rylander, Chief Electronic Technologist, to Billy J. Rylander. Change the source of funds for his salary from U. S. Public Health Service Grant No. H-2249(C) and C381 to Current Restricted Account - American Heart Association Grant to Dr. A. W. B. Cunningham, effective April 1, 1959. (RBC 192)

33. Accept the resignation of Dr. Edwin W. Godfrey, Instructor, at a salary rate of \$5,500 for twelve months, effective April 30, 1959. (RBC No. 193)

34. Appoint Dr. John A. Webb as Instructor (vice Marvline Weatherby, resigned December 31, 1959), at a salary rate of \$9,000 for twelve months, effective April 15, 1959. Unused funds (\$2,600) transferred to Unallocated Salaries - Teaching. (RBC No. 199)

35. Change the status of Miss Rosemarie C. Winkler, Technical Director, Histopathology, at a salary rate of \$6,468 for twelve months, as follows:

\$6,441 per annum for 38 hours from General Budget, and  
 339 per annum for 2 hours from Current Restricted Funds -  
 Pathology Fees  
 \$6,780 per annum, total salary.

Unused funds (\$11.25) in the General Budget transferred to Unallocated Salaries - Teaching. (RBC No. 225)

Pediatrics

36. Grant a leave of absence without salary to Dr. Peter B. Kamin, Assistant Professor, part-time, at a salary rate of \$2,400 for twelve

months, for the period June 1, 1959 through August 31, 1959. (RBC No. 229)

37. Change the name of Cecilia Y. Willard, Assistant Professor, part-time, to Cecilia Y. Bobbitt, effective March 1, 1959. (RBC No. 200)

#### Physiology

38. Grant a leave of absence without salary to Dr. Howard G. Swann, Professor, at a salary rate of \$11,500 for twelve months, for the period July 1, 1959 through August 31, 1959. (RBC No. 230)

#### Preventive Medicine and Public Health

39. Correct the name of Lloyd L. Pickett, Instructor, to Lee L. Pickett. (RBC No. 160) (See Item No. 69)

#### Radiology

40. Accept the resignation of Maren Bakker, Instructor, at a salary rate of \$6,000 for twelve months plus \$1,000 per annum from Current Restricted Funds - Radiology fees; total salary for twelve months, \$7,000, effective June 30, 1959. (RBC No. 198)

#### Surgery

41. Appoint Tatsuya Okubo as Research Associate, at a salary rate of \$6,168 for twelve months, effective March 15, 1959. Funds to come from U. S. Navy Contract No. Nonr-1598(05). (RBC No. 185)

42. Cancel the appointment of Dr. Wade H. Etheridge as Lecturer, without salary. He did not accept his 1958-59 appointment. (RBC No. 215)

43. Appoint Drs. James E. Bennett, David A. Grant, Herbert S. Jacobson, Edgar F. Dunton, and Dr. Edward J. Kirby, Residents in Plastic Surgery, as Research Investigators, at a salary of \$103.25 each per month for the period April 1, 1959 through August 31, 1959. Funds to come from U. S. Army Contract No. DA-49-007-MD-447. (RBC Nos. 216, 217, 218, 219 and 220)

#### School of Nursing

44. Accept the resignation of Ruby Graf, Instructor, at a salary rate of \$5,000 for twelve months, effective December 24, 1958. (RBC No. 169)

45. Appoint Anna P. Raines as Assistant in Instruction (vice Ruby Graf), at a salary rate of \$3,840 for twelve months, effective March 16, 1959. Unused funds (\$1,662.29) transferred to Unallocated Salaries - Teaching. (RBC No. 180)

46. Accept the resignation of Ann Rodriguez, Assistant in Instruction, at a salary rate of \$4,200 for twelve months, effective March 13, 1959. (RBC No. 183)

#### Organized Research

##### Tissue Culture Laboratory

47. Accept the resignation of Donald E. Rounds, Research Associate, at a salary rate of \$7,104 for twelve months from U. S. Army Contract No. DA-49-007-MD-32, effective April 30, 1959. (RBC No. 204)

##### Tissue Metabolism Research Laboratory

48. Change the beginning date of the appointment of Dr. Ayten Ugur, Research Associate, at a salary rate of \$6,168 for twelve months, from March 1, 1959 to March 20, 1959. (RBC No. 191)

Extension

Youth Development Center

49. Reappoint Dr. Robert MacGregor as Research Director at a salary rate of \$8,600 for twelve months effective April 1, 1959. Funds to come from U. S. Public Health Service Grant No. OM-76(C1). Dr. MacGregor also serves as Instructor in Neurology and Psychiatry without salary. (RBC No. 195)

Physical Plant

50. Accept the resignation of Mr. Arthur Reagor, Jr., Mechanical Engineer, at a salary rate of \$7,800 for twelve months, effective March 24, 1959. (RBC No. 182)

51. Transfer \$1,500 from Unappropriated Surplus to an account entitled "Remodeling 2nd Floor Woman's Hospital. (RBC No. 178)

52. Transfer \$1,500 from Unappropriated Surplus to an account entitled "Remodeling Anatomy Electron Microscopy Laboratory." (RBC No. 179)

53. Approve the following transfer of funds in order to provide for certain increases in salaries and to pay personnel currently employed for this fiscal year:

Transfer From:	
Mechanical Engineer (Reagor)	\$3,396.77
Painter	965.55
Maintenance Men	<u>1,134.02</u>
	<u>\$5,496.34</u>
Transfer To:	
Superintendent, Buildings and Grounds	
Maintenance - Ralph F. Pierce	\$ 212.00
Architectural Assistant - Mauryce S. Sanford	96.00
Clerk-Typist	55.00
Senior Clerk	1,314.35
Air Conditioning Mechanic	155.00
Carpenter	1,765.15
Campus Foreman	95.00
Laborer	<u>1,803.84</u>
	<u>\$5,496.34</u>

(RBC No. 227)

54. Increase the salary of Mr. Ralph F. Pierce, Superintendent, Buildings and Grounds Maintenance, from a salary rate of \$6,468 for twelve months to a salary rate of \$7,104 for twelve months, effective May 1, 1959. (RBC No. 227)

55. Increase the salary of Mr. Mauryce S. Sanford, Architectural Assistant, from a salary rate of \$5,880 for twelve months to a salary rate of \$6,168 for twelve months, effective May 1, 1959. (RBC No. 227)

Hospitals

General Administration and Expense

56. Accept the resignation of Mr. Arthur G. Hennings as Director of University Hospitals, at a salary rate of \$12,000 for twelve months from General Budget and \$6,000 per annum from Sealy & Smith Foundation Donation Grant; total salary for 12 months, \$18,000, effective March 31, 1959. (RBC No. 201)

57. Accept the resignation of Mr. Richard C. Foster, Assistant Director of Hospitals at a salary rate of \$9,600 for twelve months, effective May 11, 1959. Unused funds (\$103.28) transferred to Unallocated Salaries - Non-Teaching. (RBC No. 239)

58. Accept the resignation of Mrs. Ruth H. Inghram, Assistant to the Director of Hospitals, at a salary rate of \$7,000 for twelve months, effective May 15, 1959. (RBC No. 203)

59. Accept the resignation of Mr. Duane L. Riggs, Hospital Controller, at a salary rate of \$6,500 for twelve months, effective May 7, 1959. (RBC No. 240)

60. Change the status of Mr. Daniel J. Bobbitt from Assistant Director of Hospitals, at a salary rate of \$10,000 for twelve months, to Director of University Hospitals, vice Mr. Arthur G. Hennings (resigned), at a salary rate of \$13,000 for twelve months, effective April 1, 1959; source of funds indicated below:

\$11,800 per annum from General Budget  
 1,200 per annum from Sealy & Smith Foundation Donation Grant  
 \$13,000 per annum, total salary.

Unused funds (\$83.35) transferred to Unallocated Salaries - Non-Teaching. (RBC No. 205) (Approved by Executive Committee)

61. Change the status of Mr. Charles M. Cooper, Jr., from Assistant Director of Hospitals, Out-Patient Department and Emergency Room, at a salary rate of \$6,500 for twelve months, to Assistant Director of Hospitals, Clinical Services, at a salary rate of \$8,000 for twelve months, effective April 1, 1959. Funds needed to come from the position Assistant to the Director (Inghram); unused funds (\$1,426) transferred to Unallocated Salaries - Non-Teaching. (RBC No. 206) (Approved by Executive Committee)

62. Appoint Mr. Orus M. Mooney as Assistant Director of Hospitals, at a salary rate of \$8,500 for twelve months, effective April 16, 1959. Funds needed to come from the position of Assistant Director of Hospitals (Bobbitt); unused funds (\$979.20) transferred to Unallocated Salaries - Non-Teaching. (RBC No. 211)

63. Appoint Mr. Stanley B. Pariso as Assistant Director of Hospitals, General Services, at a salary rate of \$8,000 for twelve months, effective May 1, 1959. Funds needed to come from the position Assistant Director of Hospitals (Foster); unused funds (\$146.24) transferred to Unallocated Salaries - Non-Teaching. (RBC No. 207)

#### Nursing Service

64. Approve the following transfer of funds to allow for continuing operations for the remainder of this fiscal year:

Transfer From:	
Nursing Service	
Salaries	
Assistant Nursing Supervisor	\$ 5,000.00
Head Nurse	5,000.00
Junior Staff Nurse	6,000.00
Maintenance and Equipment	
Reimbursement Contract Special Duty	3,180.97
Total	<u>\$19,180.97</u>

## Transfer To:

## Nursing Service

## Salaries

Hourly and Part-time

\$16,000.00

Contract Special Duty Nurses

3,180.97

Total

\$19,180.97

(RBC No. 184)

Surgical Operating Suite

65. Transfer \$2,030 from the appropriation for Operating Room Nurse to the accounts listed below to provide salary, meals and quarters for an Exchange Visitor Nurse:

Exchange Visitor Nurse

\$ 1,400.00

Meals and Quarters

630.00

Total

\$ 2,030.00

(RBC No. 175)

66. Transfer \$7,913.76 to the Maintenance and Equipment account from the accounts and in the amounts indicated below to provide for the continued operations for the remainder of this fiscal year:

## Transfer From:

Head Nurse

\$ 2,400.00

Operating Room Nurse

5,000.00

Senior Clerk-Typist

513.76

Total

\$ 7,913.76

(RBC No. 186)

Medical Case Service

67. Appoint Henrik Lindt as Social Work Supervisor, at a salary rate of \$312 for twelve months, effective February 16, 1959. Funds needed to come from Social Caseworker II. Mr. Lindt also receives \$6,468 per annum from U. S. Public Health Service Grant No. 2M-6034(C2) as Social Work Supervisor in the Department of Neurology and Psychiatry; total salary for twelve months, \$6,780. (RBC No. 171)

Clinical Laboratory

68. Effective April 1, 1959, change the status of William K. Perry, Technical Director, Laboratory Technology, from 40 hours per week at a salary rate of \$6,468 for twelve months to:

\$6,441 per annum for 38 hours from General Budget

339 per annum for 2 hours from Current Restricted Funds -

Pathology Fees

\$6,780 per annum, total salary.

Unused funds (\$11.25) in the General Budget to be transferred to Unallocated Salaries - Non-Teaching. (RBC No. 197)

Personnel Clinic

69. Appoint Dr. Lee L. Pickett as Director (vice Dr. Hyman W. Paley) at a salary rate of \$2,600 for twelve months effective January 1, 1959. Funds needed (\$533.28) to come from Unallocated Salaries - Non-Teaching. Dr. Pickett also receives \$8,400 per annum as Instructor in Preventive Medicine and Public Health; total salary for 12 months, \$11,000. (RBC No. 160) (Approved by Executive Committee)

Auxiliary Enterprises

70. Accept the resignation of Mr. Albert S. Critchfield as Manager of Auxiliary Enterprises, Dormitories, Apartments and Faculty Housing, at a salary rate of \$4,068 for twelve months, effective February 14, 1959. (RBC No. 164) (See Item No. 10)

71. Appoint Mr. Henry L. Benecke as Director of Auxiliary Enterprises, part-time, (vice Albert S. Critchfield) at a salary rate of \$3,840 for twelve months, effective February 15, 1959. Mr. Benecke also receives \$3,600 per annum as Assistant Business Manager, part-time; total salary for twelve months, \$7,440. (RBC No. 165) (See Item No. 7)

APPOINTMENTS FOR MEMBERSHIP TO THE MEDICAL STAFF OF THE UNIVERSITY OF TEXAS MEDICAL BRANCH HOSPITALS: I recommend approval of the appointment of Dr. Fred P. Nisi, Instructor, and Dr. Wayne W. Carpenter, Instructor (part-time), both in the Department of Surgery, as Associate Members of the Medical Staff, approved by the Executive Committee of the Medical Staff of The University of Texas Medical Branch Hospitals.

*mm-xj*

THE JAMES W. MCLAUGHLIN FELLOWSHIP FUND: I recommend approval of the following recommendations approved by the Medical Branch McLaughlin Committee for the James W. McLaughlin Fellowship Fund:

1. Grant Dr. Yoshikazu Watanabe a McLaughlin Postdoctoral Fellowship for the period July 1, 1959 through June 30, 1960, to include:

Stipend - one year (subject to income tax regulations)	\$ 7,500
Maintenance and Equipment	1,500
Travel	<u>300</u>
	<u>\$ 9,300</u>

In addition, the Medical Branch McLaughlin Committee have agreed to reimburse Dr. Watanabe for his transportation to and from Tokyo, Japan.

2. Renew Dr. Theodore Jack Starr's Postdoctoral Fellowship for the period October 1, 1959, through September 30, 1960, to include:

Stipend - one year (subject to income tax regulations)	\$ 8,400
Maintenance and Equipment	2,000
Travel	<u>300</u>
Total	<u>\$10,700</u>

3. Award a Predoctoral Fellowship to Richard W. Moore, D.V.M., for the period September 1, 1959, through August 31, 1960, to include:

Stipend - one year (including allowance for dependents)	\$ 4,300
Maintenance and Equipment	2,900
Travel	<u>300</u>
Total	<u>\$ 7,500</u>

4. Award a Predoctoral McLaughlin Fellowship to Mr. C. Joseph Krall, for the period September 1, 1959, through August 31, 1960, to include:

Stipend - one year (subject to income tax regulations)	\$ 4,600
Maintenance and Equipment	600
Travel	<u>300</u>
Total	<u>\$ 5,500</u>

5. Award a Predoctoral Fellowship to Mrs. Billie C. O'Bryan, for the period September 1, 1959, through August 31, 1960, to include:

Stipend - one year (subject to income tax regulations)	\$ 3,600
Maintenance and Equipment	1,200
Travel	<u>300</u>
Total	<u>\$ 5,100</u>

6. Award a Postdoctoral Fellowship to Dr. Joe M. Dabney, for the period September 1, 1959, through August 31, 1960, to include:

Stipend - one year (subject to income tax regulations)	\$ 8,400
Maintenance and Equipment	4,460
Travel	<u>300</u>
Total	<u>\$13,160</u>

7. Award a Postdoctoral Fellowship to Dr. John H. Seamer, for the period January 1, 1960, through December 31, 1960, to include:

Stipend - one year (subject to income tax regulations)	\$ 7,500
Maintenance and Equipment	1,060
Travel	<u>500</u>
Total	<u>\$ 9,060</u>

CLASSIFIED PAY PLAN: I recommend the establishment of the following new classification, effective February 1, 1959:

<u>Class</u>	<u>Title</u>	<u>Monthly Range</u>	<u>Annual Range</u>	<u>Step No.</u>
3303	Brace Shop Supervisor	\$404-514	\$4848-6168	34

WAIVER OF NEPOTISM: I recommend that the Anti-Nepotism Rule (as approved by the Board of Regents March 17, 1951) be waived in favor of the following individuals:

1. Dr. Cecilia Y. Bobbitt, Assistant Professor (part-time) in the Department of Pediatrics, wife of Mr. Daniel J. Bobbitt, Director of University Hospitals, effective March 1, 1959.

2. A temporary waiver for Mrs. Marcia D. Letzring, Research Technician in the Department of Biochemistry, for the period of April 1, 1959 through August 31, 1959, at a salary rate of \$351 per month from U. S. Public Health Service Grant No. A-2865. Mrs. Letzring is the daughter of Dr. A. A. Ormsby, Professor and Chairman of the Department of Biochemistry.

REASSIGNMENT OF DUTIES WITH PAY IN EXCESS OF TWO WEEKS: I recommend your approval of the following reassignment of duties of the staff member listed below:

1. Dr. A. A. Packchianian, Professor of Microbiology, be relieved

from his ordinary duties at The University of Texas Medical Branch for the period May 1, 1959, through June 1, 1959, and for that period reassign him to a special project of The University of Texas Medical Branch. Dr. Packchamian will present a paper at the II International Congress of Infectious Pathology in Milan, Italy, May 6-10, 1959; visit scientific institutions in France, Holland, Germany and the Soviet Union, including Czechoslovakia and Poland to observe current scientific activities in these countries. Transportation from the United States to Europe and return will be furnished by the U. S. Navy (Military Air Transport Service). His transportation from Galveston to New York and return will be paid from Navy Contract No. Nonr-1061(00). Partial per diem and travel expenses in Europe will be paid for from the Current Restricted Account - Upjohn Company Grant.

SCHOLARSHIPS AND AWARDS: On recommendation of the appropriate committee the following awards have been made:

The Mu Delta Honorary Medical Service Society Scholarships and Awards:

Robert S. Alexander, Freshman	\$ 150.00
Sam Biggers, Jr., Sophomore	150.00
Richard F. Timmer, Junior	150.00
Robert E. Askew, Senior	150.00
Robert L. Rock, M.D., Intern	100.00
H. W. Disernis, M.D., Resident	100.00

The Galveston Coca Cola Bottling Company Scholarship:

Walton L. Shaffer, Junior	\$ 150.00
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The Louis Jacobson Scholarship

Albert E. Sanders, Senior	\$ 150.00
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The Joseph B. Kass Award for Research:

Joseph E. Johnson	\$ 175.00
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The Borden Undergraduate Research Award:

Albert E. Sanders	\$ 500.00
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Student Association of the School of Nursing Awards:

Raquel Macias, Graduate Nurse	\$ 25.00
Alice Larson, Senior Degree Student	25.00
Carol Fleming, Diploma Student	25.00
Marianna Applewhite, Junior Degree Student	25.00
Barbara Ryberg, Junior Diploma Student	25.00
Lora Lee Lockhart, Sophomore Degree Student	25.00
Dorothy Blume, Graduate Nurse in the Baccalaureate Program	25.00

Jeane B. Kempner Fund - 1959-60 Scholarship:

Dr. H. Irving Schweppe, Jr.	\$8,500.00
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The Dr. Walter Junious Hildebrand Scholarships:

Freshmen:

James W. Short	\$ 100.00
William G. Wilkerson	100.00

The Dr. Walter Junious Hildebrand Scholarships (Cont'd.):

## Sophomores:

Fred Castrow	\$ 100.00
Joe De Leon	100.00
Carl Eddy	100.00
Earl McLoud	100.00
Max Morales	100.00
Pat Tolar	100.00
Frank Vickers	100.00
Russell Wood	100.00

## Juniors:

Robert Berger	100.00
Gilbert Eklund	100.00
Kenneth Fannin	100.00
Reagan Hicks	100.00
Warren Johnson	100.00
Gary Miller	100.00
Jim Ed Marr	100.00
Bob Oster	100.00
Harvey Randall	100.00
Clayton Smith	100.00
E. L. Whitley	100.00
Donald Hilton	100.00

## Seniors:

James Carter	100.00
Luther Gohlke	100.00
Pete Gonzalez	100.00
Tom Kirksey	100.00
Winston Martin	100.00
James Thomas	100.00

REVISE RATES IN LEAGUE HALL (AMBULANT PATIENT DORMITORY): I recommend your approval to revise the rates in League Hall that were approved by the Board of Regents on January 10-11, 1958, Meeting No. 566, as follows:

1. Two-room Suites. Reduce the rate from \$12.00 per day for single occupancy and \$3.00 per day per person for each additional occupant to \$9.00 per day for single occupancy and \$1.00 per day per person for each additional occupant.
2. Single Rooms with Two Beds. Reduce the rate from \$6.00 per day for single occupancy and \$3.00 per person per day for each additional occupant to \$6.00 per day for single occupancy and \$1.00 per person per day for each additional occupant.
3. Single Room with One Bed. Reduce the rate from \$6.00 per day to \$4.50 per day.

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~~INCREASE IN PATIENT CHARGES (HOSPITAL RATES): I recommend your approval to increase the minimum rate for part-pay and indigent patients from \$3.00 per day to \$6.00 per day, effective July 1, 1959.~~

INCLUSIVE SERVICE CHARGE, MEDICAL BRANCH HOSPITALS: I recommend for your approval, effective July 1, 1959, an increase in the "Inclusive Service Charge" for Private and Full-Pay Staff hospitalized in the Medical Branch Hospitals. This increase will place the charges of the Medical Branch Hospitals in line with other hospitals in Galveston.

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Number of days in Hospital	<u>PRESENT CHARGES</u>		<u>RECOMMENDED CHARGES</u>	
	Rate for each day	Rate Accumulative	Rate for each day	Rate Accumulative
1	\$17.00	\$17.00	\$19.00	\$19.00
2	14.50	31.50	17.00	36.00
3	13.00	44.50	15.00	51.00
4	11.00	55.50	13.00	64.00
5	11.00	66.50	13.00	77.00
6	9.00	75.50	11.00	88.00
7	9.00	\$84.50	11.00	\$99.00
8	7.00	91.50	8.00	107.00
9	7.00	98.50	8.00	115.00
10	7.00	105.50	8.00	123.00
11	6.00	111.50	7.00	130.00
12	6.00	117.50	7.00	137.00
13	6.00	123.50	7.00	144.00
14	6.00	\$45.00	7.00	\$52.00
15	5.00	134.50	6.00	157.00
16	5.00	139.50	6.00	163.00
17	4.00	143.50	4.00	167.00
18	4.00	147.50	4.00	171.00
19	4.00	151.50	4.00	175.00
20	4.00	155.50	4.00	179.00
21	4.00	\$30.00	4.00	\$32.00

4th and each week thereafter \$28.00 per week inclusive -

OBSTETRICAL CARE:

1	\$17.00	\$17.00	\$25.00	\$25.00
2	7.00	24.00	10.00	35.00
3	7.00	31.00	10.00	45.00
4	5.00	36.00	8.00	53.00
5	3.00	39.00	5.00	58.00
6	3.00	42.00	3.00	61.00
7	3.00	\$45.00	3.00	\$64.00

\$2.00 each day  
after 1st week

\$2.00 each day  
after 1st week

ADMINISTRATIVE REORGANIZATION: I recommend for your approval the adoption of the Administrative Organization Plan, effective April 1, 1959. The outline of duties and responsibilities and the Organizational Chart are attached.

*MB-46*

BOOKSTORE: On recommendation of the Bookstore Committee I recommend for your approval the adoption of the Charter and By-Laws of The University Medical Branch Cooperative Society, effective July 1, 1959. The assets and stock in trade of the University Bookstore (Auxiliary Enterprise) will be sold to the cooperative at their book value on July 1, 1959. The proposed Charter and By-Laws are attached.

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GOVERNMENT CONTRACTS AND GRANTS: The following contracts and grants have been negotiated by the Business Manager and Comptroller of Hospitals and have been signed by the Executive Director upon the recommendation of the academic director and the Business Manager and Comptroller of Hospitals, and approved by the Comptroller and President.

1. Grant No. E-2732, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$3,185, for the period April 1, 1959 through March 31, 1960, for research on the Diagnosis and Pathogenesis of Visceral Larva Migrans. This project is directed by Dr. Leroy J. Olson, Assistant Professor of Microbiology.
2. Grant No. PX-63-1, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$3,330, for the period September 1, 1959 through August 31, 1960, for a Post-Sophomore Research Fellowship in behalf of Mr. Robert S. Alexander, for research on Electron Microscopy of Cells and Organs in Culture. This project is directed by Dr. Donald Duncan, Professor and Chairman of the Department of Anatomy.
3. Grant No. RG-3561 (06S1), by which the Department of Health, Education, and Welfare, Public Health Service, provides \$4,600, for the period April 1, 1959 through June 30, 1959, for research on Studies with Radioisotopes of Metabolism in Burns. This project is directed by Dr. T. G. Blocker, Jr., Professor of Plastic and Maxillo-facial Surgery, and Dr. William C. Levin, Associate Professor of Internal Medicine.
4. Grant No. B-2084, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$6,555, for the period April 1, 1959 through March 31, 1960, for research on Calcium Binding in Nerve and Muscle. This project is directed by Dr. F. Hermann Rudenberg, Assistant Professor of Physiology.
5. Grant No. 2R-29(C1S1), by which the Department of Health, Education, and Welfare, Public Health Service, provides \$7,696, for the period April 1, 1959 through December 31, 1959, for experimental research training for medical students. This project is directed by Dr. Donald Duncan, Professor and Chairman of the Department of Anatomy.
6. Grant No. FG-187, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$5,184, for the period June 1, 1959 through May 31, 1960, for 8 Medical Student Part-time Research Fellowships. This project is directed by Dr. F. J. Wolma, Chairman of the Fellowship Committee.
7. Letter, dated April 1, 1959, by which the Department of Health, Education, and Welfare, Public Health Service, approves the appointment of Dr. James V. Warren, Professor and Chairman of the Department of Internal Medicine, as program director of Undergraduate Cardio-vascular Grant No. HT-5098(C1), replacing Dr. Robert N. Cooley, Professor and Chairman of the Department of Radiology, as program director.
8. Grant No. 2M-7123, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$46,000, for the period April 1, 1959 through March 31, 1960, for graduate training in psychiatry. This project is directed by Dr. Hamilton F. Ford, Professor of Neurology and Psychiatry.
9. Grant No. H-4470, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$16,269, for the period May 1, 1959 through April 30, 1960, for research on The Factors Determining Cardiac Output in Man. This project is directed by Dr. James V. Warren, Professor and Chairman of the Department of Internal Medicine.

10. Supplemental Agreement No. 2(59-171) to Air Force Contract No. AF 41(657)-123, by which the Department of the Air Force, provides an overhead rate of 31% of direct labor for the period November 1, 1956 through November 30, 1957. The contract expired November 30, 1957, and Dr. Morris Pollard, Professor of Preventive Medicine and Public Health, directed the research project.
11. Supplemental Agreement No. 3(59-166) and Supplemental Agreement No. 4(59-167) to Air Force Contract No. AF 18(600)-919, by which the Department of the Air Force, amends the contract by adding Clause 32 of the General Provisions which fixes the overhead rate, of the Schedule, at 33% of direct salaries and wages exclusive of overtime premium for the period July 1, 1955 through December 31, 1955; and fixes the overhead rate at 36% of direct salaries and wages, exclusive of overtime premium, for the period January 1, 1956 through August 31, 1956, and 31% of direct salaries and wages, exclusive of overtime premium, for the period September 1, 1956 through September 30, 1956. The contract expired September 30, 1956. The research project was directed by Dr. T. G. Blocker, Jr., Professor of Plastic and Maxillofacial Surgery, and Dr. Wiktor W. Nowinski, Associate Professor of Biochemistry and Nutrition.
12. Modification No. 9 to Army Contract No. DA-49-007-MD-447, by which the Department of the Army, provides an additional \$38,000, and extends the expiration date of the contract through April 30, 1960, for research on Studies on Burns and Wound Healing. This project is directed by Dr. T. G. Blocker, Jr., Professor of Plastic and Maxillofacial Surgery.
13. Modification No. 10 to Army Contract No. DA-49-007-MD-447, by which the Department of the Army, provides an additional \$59,854, and extends the expiration date through April 30, 1961, for research on Studies on Burns and Wound Healing. This project is directed by Dr. T. G. Blocker, Jr., Professor of Plastic and Maxillofacial Surgery.
14. Modification No. 11 to Army Contract No. DA-49-007-MD-32, by which the Department of the Army, extends the expiration date from April 30, 1959, to August 31, 1959, without additional funds. The research project "Cytological Aspects of Wound Healing" is directed by Dr. C. M. Pomerat, Professor of Cytology; Director, Tissue Culture Laboratory.
15. Amendment No. 3 to Contract No. Nonr-1061(00), by which the Department of the Navy, provides an additional \$2,000, for the period January 1, 1959 through December 31, 1960, for research on Trypanosomes and Trypanosomiasis. This project is directed by Dr. A. A. Packchianian, Professor of Microbiology.
16. Correct Item No. 20, Page G-8, of the Medical Branch Docket, Board of Regents' Minutes, Meeting No. 578, March 13-14, 1959, to read as follows:
- Modification No. 8 to Army Contract No. DA-49-007-MD-447, by which the Department of the Army, provides an overhead rate of 31% of salaries and wages, for the period May 1, 1957 through August 31, 1957, provisional thereafter. The project is directed by Dr. T. G. Blocker, Jr., Professor of Plastic and Maxillofacial Surgery.

17. Correct Item No. 24, Page G-8, of the Medical Branch Docket, Board of Regents' Minutes, Meeting No. 578, March 13-14, 1959, to read as follows:

Supplemental Agreement No. 4(59-160) to Air Force Contract No. AF 18(600)-1278, by which the Department of the Air Force, provides an overhead rate of 31% of direct labor for the period September 1, 1956 through August 31, 1957, and establishes 31% of direct labor as a provisional overhead rate beginning September 1, 1958. The project is directed by Dr. M. Mason Guest, Professor and Chairman of the Department of Physiology.

18. Correct Item No. 18, Page G-8, of the Medical Branch Docket, Board of Regents' Minutes, Meeting No. 578, March 13-14, 1959, to read as follows:

Modification No. 1 to Army Contract No. DA-49-007-MD-912, by which the Department of the Army, provides an additional \$18,000, and extends the termination date to November 30, 1959, for research on Histopathology of Rats Fed Irradiated Food. This project is directed by Dr. R. H. Rigdon, Professor of Pathology.

CONTRACTS, AGREEMENTS (BUSINESS)

AGREEMENTS: The following agreements have been executed on behalf of The University of Texas Medical Branch by the officials indicated. I recommend approval and ratification of signatures:

1. Statement of Charges from Institutions not under Contract (Public Laws 346 and 16, 78th Congress, as amended by Public Law 894, 81st Congress and Public Law 610, 83rd Congress) with the Veterans Administration for education and training, signed by Mr. Warren G. Harding, Registrar and Assistant to the Executive Director, for the period July 1, 1958 to June 30, 1959. MB-138b

2. Interagency Co-Operation Contract No. 4413-348, signed by Dr. John B. Truslow, Executive Director, and Mr. E. D. Walker, Business Manager, by which the State of Texas Department of Health, provides \$1,300, for the period April 23, 1959, through June 30, 1959, for certain services for the care of children severely impaired in hearing. This contract was signed by the State Board of Control on April 23, 1959. MB-213

CONTRACTS AND AGREEMENTS (ACADEMIC) NONGOVERNMENT SPONSORED, INCLUDING RESEARCH GRANTS DISTINGUISHABLE FROM GIFTS

Contracts: The following contracts have been executed on behalf of The University of Texas Medical Branch by the Executive Director. I recommend approval and ratification of signatures:

1. Glenn H. McCarthy & Associates, 7505 South Main Street, Houston 25, Texas, has sent a check in the amount of \$43,488.40 for support of research in connection with evaluating Salcolan oil and ointment. The research project is directed by Dr. T. G. Blocker, Jr., Professor of Plastic and Maxillofacial Surgery. The funds have been set up in a Current Restricted Account captioned "McCarthy Burn Research Grant." MB-244a

2. The Tobacco Industry Research Committee, 150 East Forty Second Street, New York 17, N. Y., has sent a check in the amount of \$6,000 which represents the semi-annual payment on a \$12,000 grant, for the period March 1, 1959, through February 29, 1960, for support of research on "Tissue Culture Studies of Human Lung." The project is directed by Dr. C. M. Fomerat, Professor of Anatomy; Director, Tissue Culture Laboratory. MB-273a

3. Sandoz Pharmaceuticals, Division of Sandoz Inc., Hanover, New Jersey, have sent a check in the amount of \$1,000 as a Grant-in-aid to defray the costs of investigative work with DIP 18 and DER 83, synthetic reserpine derivatives. The project is directed by Dr. George R. Herrmann, Professor of Internal Medicine. *MB-266*
4. CIBA Pharmaceutical Products, Inc., Summit, N. J., have sent a check in the amount of \$1,250 as a Grant-in-aid to defray the costs of investigative work with Esidrix. The research project is directed by Dr. George R. Herrmann, Professor of Internal Medicine. *MB-2562*
5. The Hartz Mountain Products Corporation, 36 Cooper Square, New York, N. Y., has sent a check in the amount of \$5,000 for continuing research on the Study of Psittacosis and Related Infections. This project is directed by Dr. Morris Pollard, Professor of Preventive Medicine and Public Health. *MB-255*
6. The Sahyun Laboratories, 316 Castillo Street, Santa Barbara, California, have sent two checks, each in the amount of \$1,050 which represents the first and second quarterly installments (Jan. 1 - June 30, 1959) on a \$4,200 grant for support of research in Ataractics. The project is directed by Dr. George A. Emerson, Professor and Chairman of the Department of Pharmacology. These checks have been deposited in the existing Current Restricted Account, No. 945390. This is a renewal of a grant, previously docketed in May, 1958. *MB-265*
7. The Sahyun Laboratories, 316 Castillo Street, Santa Barbara, California, have sent a check in the amount of \$1,050 which represents the first quarterly payment (Jan. 1 - March 31, 1959) on a \$4,200 grant for research on Depressor Agents. This project is directed by Dr. George A. Emerson, Professor and Chairman of the Department of Pharmacology. *MB-265*
8. The Upjohn Company, Kalamazoo, Michigan, has sent a check in the amount of \$750 which represents the third quarterly payment on a \$3,000 grant for research on Studies of Antibiotics and Combinations of Antibiotics for the year 1958-59, previously docketed March 13-14, 1959 docket. This project is directed by Dr. J. Fred Mullins, Professor of Dermatology. *MB-274*
9. The Winthrop Laboratories, 1450 Broadway, New York, N. Y., have sent a check in the amount of \$2,000 as an initial payment on the cost of making a color-sound motion picture on Methods for the Control of Hospital Infections. The project is directed by Dr. Harriet Felton, Professor of Pediatrics. *MB-275c*
10. The American Heart Association, Inc., 44 East 23rd Street, New York 10, N. Y., has renewed its grant, for the period July 1, 1959 through June 30, 1960, in the amount of \$5,280, for research on Formulation of the Sympton Complex. The project is directed by Dr. John R. Derrick, Assistant Professor of Surgery. *MB-250e*
11. The American Heart Association, Inc., 44 East 23rd Street, New York, N. Y., has renewed its grant, for the period July 1, 1959, through June 30, 1960, for research on Chemical Exchanges in Heart Tissue Culture, in the amount of \$8,800. The project is directed by Dr. A. W. B. Cunningham, Associate Professor of Pathology. *MB-250.d*
12. The Damon Runyon Memorial Fund for Cancer Research, Inc., 730 Fifth Avenue, New York 19, N. Y., has extended the period of its grant, No. DRG-408 (formerly under the direction of Dr. Robert C. Barnett) to March 31, 1960, in order that Dr. M. Mason Guest, Professor and Chair- *MB-263*

man of the Department of Physiology, may utilize the balance of \$2,496 remaining in the grant for assisting young investigators in basic research relating to the cancer problem.

13. Grant No. 393, by which the Committee on Research of the Council on Drugs of the American Medical Association, 535 North Dearborn Street, Chicago 10, Illinois, provides \$450 for the purchase of rats, chemicals and glassware in connection with research on the study of rats of the antagonism by sympatholytic agents of hyperglycemia due to epinephrine, and the effect of sympatholytics on hypoglycemic effects of doses of insulin sufficient to call forth release of endogenous epinephrine. The project is directed by Dr. George A. Emerson, Professor and Chairman of the Department of Pharmacology.

GIFTS: The following gifts and grants have been received at the Medical Branch. I recommend acceptance and that the appreciation of the Board of Regents be sent the donors by the Secretary.

1. The National Fund for Medical Education, Inc., 2 West 46th Street, New York 36, N. Y., has sent a check in the amount of \$49,380 as a grant for support of the instructional budget for the fiscal year 1958-59. *MB-251c*
2. Mead Johnson & Company, Evansville 21, Indiana, has sent a check in the amount of \$500 to be used for the betterment of education for Pediatric Residents, under the direction of Dr. Arild E. Hansen, Professor and Chairman of the Department of Pediatrics. *MB-260.d*
3. Smith Kline & French Foundation, Philadelphia 1, Pennsylvania, has sent a check in the amount of \$5,000 which represents an unrestricted grant to the Department of Internal Medicine to provide financial support for charitable, educational and scientific purposes including research in science and medicine. Expenditures are to be made upon authority of Dr. James V. Warren, Professor and Chairman of the Department of Internal Medicine. *MB-244a.1*
4. The Galveston Heart Association, 902 Market Street, Galveston, Texas, has sent a check in the amount of \$1,399 for support of the Children's Heart Clinic. This project is directed by Dr. Harry Stoeckel, Associate Professor of Pediatrics. The check has been deposited in the existing Current Restricted Account, No. 911390. *MB-269*
5. The National Muscular Dystrophy Research Foundation, Inc., 2040 Trinity Avenue, Liberty, Texas, has sent a check in the amount of \$500 for support of the muscular dystrophy studies directed by Dr. M. Mason Guest, Professor and Chairman of the Department of Physiology. Address acknowledgment to Misses Nadine and Sallie Woods. *MB-229*
6. Mr. John M. Winterbotham, Goodbody & Company, Bank of the Southwest Building, Houston 2, Texas, has transferred 17 shares of his Texas Company Stock, valued at approximately \$85.00 per share, to The University of Texas for use and benefit of the Thompson-Singleton Congenital Facial Deformity Clinic Fund at the Medical Branch, under the direction of Dr. T. G. Blocker, Jr., Professor of Plastic and Maxillofacial Surgery. *MB-262*
7. Mr. Louis Jacobson, 2024 Mechanic Street, Galveston, Texas, has sent a check in the amount of \$150 to be used as a medical student scholarship award. *947 MB-239*
8. The Galveston Coca-Cola Bottling Company, Galveston, Texas, has sent a check in the amount of \$150 to be used as a medical student *MB-289*

scholarship award. Address acknowledgment to Mr. Sam Woodson, President, The Galveston Coca-Cola Bottling Company.

MISCELLANEOUS GIFT: I recommend your approval to accept a Symphonic Tape Recorder (value approximately \$150) from the U. S. Vitarine Company, Inc., 636 Eleventh Avenue, New York 36, N. Y., for use by the Pharmacy Department. The tape recorder was given as a result of certain drugs being purchased through the State Board of Control at a total cost of \$180.40. It is a policy of the Vitarine Company to give a free gift with all purchases that exceed \$350. MB-230

OUT-OF-STATE TRIPS: I recommend approval of the following out-of-state trips by the staff members listed, their expenses to be paid from the source of funds indicated:

1. Dr. C. H. Agnew, Assistant Professor of Radiology, May 11-13, 1959, to Washington, D. C., to attend a MEND Symposium; expenses to be paid from Navy Contract No. Nonr-2277(00).
2. Dr. Luis Alfaro, Resident in Surgery (Urology), April 19-24, 1959, to Atlantic City, N.J., to attend the meeting of the American Urological Association; expenses to be paid from the Current Restricted Account - Urology Fund.
3. Miss Marjorie Bartholf, Dean, Miss Virginia Lane, Professor, and Miss Chloe Floyd, Associate Professor, all of the School of Nursing, May 9-15, 1959, to Philadelphia, Pennsylvania, to attend the National League for Nursing Convention; their expenses to be paid from the Current Restricted Account - W. K. Kellogg Foundation for Graduate Education and Research in Nursing.
4. Miss Catherine Bane, Director of Nursing Service, May 12-13, 1959, to Washington, D. C., for conferences with the State Department concerning an In-Service Training Program for Foreign Graduate Nurses; expenses to be paid from the Current Restricted Account - Sealy & Smith Foundation Donation Grant.
5. Dr. Joe A. Bass, Associate Professor of Microbiology, May 9-15, 1959, to St. Louis, Missouri, to attend the meetings of the Society of American Bacteriologists; expenses to be paid from U. S. Public Health Service Grant No. E-2344.
6. Dr. Arr Nell Boelsche, Assistant Professor of Pediatrics, June 7-13, 1959, to Atlantic City, New Jersey, to present an exhibit at the meeting of the American Medical Association; expenses to be paid from the Current Restricted Account - Professional Services by Members of Clinical Staff.
7. Dr. D. Bailey Calvin, Director, Research Grants and Contracts, April 12-16, 1959, to Atlantic City, N. J., New York, and Washington, for conferences with private agencies concerning research grants and with representatives of the Public Health Service relative to the Aging Research Project; expenses to be paid from General Administration - Executive Director's Office - Maintenance and Equipment.
8. Dr. Robert N. Cooley, Professor and Chairman of the Department of Radiology, April 25-26, 1959, to Atlanta, Georgia, to present a paper at the meeting of the Association of University Radiologists; expenses to be paid from the Current Restricted Account - Radiology Department - Gifts for Operating Expenses from Professional Fees - Maintenance, Equipment and Travel.

9. Miss Ruby Decker, Technical Director, Rehabilitation Clinic, Physical Therapy, April 12-13, 1959, to Lansing, Michigan, to attend the Institute on Administration, sponsored by the American Physical Therapy Association, and to visit the office of Vocational Rehabilitation in Washington, D. C. Her expenses are to be paid from the Current Restricted Account - Monsanto Grant for Rehabilitation Clinic.
10. Dr. John R. Derrick, Assistant Professor of Surgery, April 21-24, 1959, to Los Angeles, California, to attend the meeting of the American Association for Thoracic Surgery; expenses to be paid from the Current Restricted Account - Warner Chilcott Laboratory Grant for Cardiovascular Research.
11. Dr. Donald A. Dreyer, Jeane B. Kempner Fellow, Department of Microbiology, May 10-14, 1959, to St. Louis, Missouri, to attend the meetings of the Society of American Bacteriologists; expenses to be paid from the Current Restricted Account - Jeane B. Kempner Scholarship Fund.
12. Dr. E. Frank Dunton, Resident in Plastic Surgery, June 17-20, 1959, to Chicago, Illinois, to attend the meeting of the Society of Nuclear Medicine; expenses to be paid from the Public Health Service Grant No. RG 3561(C6).
13. Dr. Kenneth M. Barle, Dean of Medicine, June 13-14, 1959, to Atlantic City, New Jersey, to attend the annual meeting of the Association of Neuropathologists; expenses to be paid from U. S. Public Health Service Grant No. 2-B-5198.
14. Dr. G. W. N. Eggers, Professor of Surgery (Orthopedic), May 6-8, 1959, to Las Cruces, New Mexico, to participate in the meeting of the New Mexico Chapter of the Western Orthopaedic Association; expenses to be paid from the Current Restricted Account - Orthopedic Professional Fees.
15. Dr. G. W. N. Eggers, Professor of Surgery (Orthopedic), June 14-20, 1959, to Lake Placid, New York, to discuss a paper at the meeting of the American Orthopaedic Association, and to attend a meeting of the American Board of Orthopaedic Surgery; expenses to be paid from the Current Restricted Account - Professional Fees - Orthopedics.
16. Dr. E. Burke Evans, Assistant Professor of Surgery (Orthopedic), June 4-18, 1959, to Wilmington, Delaware, Atlantic City, N. J., and New York City, N. Y., to visit the Alfred I. du Pont Institute in Wilmington; attend the meeting of the American Medical Association in Atlantic City; and, to visit the Orthopedic Research Laboratory of Dr. C. A. Bassett in New York. His expenses are to be paid from the Current Restricted Account - Professional Fees - Orthopedics.
17. Dr. Harriet M. Felton, Professor of Pediatrics, June 7-13, 1959, to Atlantic City, New Jersey, to attend the meetings of the American Medical Association; expenses to be paid from the Current Restricted Account - Professional Services by Members of Clinical Staff - Pediatrics.
18. Dr. Harriet M. Felton, Professor of Pediatrics, and Dr. Cecilia Y. Robbitt, Assistant Professor of Pediatrics, July 19-25, 1959, to Montreal, Canada, to present an exhibit at the IX International Pediatric Congress; their expenses to be paid from the Current Restricted Account - Professional Services by Members of Clinical Staff - Pediatrics.

19. Mr. L. C. Gilliam, Director of Physical Plant, May 10-15, 1959, to Manhattan, Kansas, to attend the 46th Annual Meeting of the National Association of Physical Plant Administrators; expenses to be paid from the Current Restricted Account - Sealy & Smith Foundation Donation Grant.
20. Dr. Harold A. Goolishian, Director, Youth Development Center, April 26-29, 1959, to Philadelphia, Pennsylvania, to present a paper at the meetings of the American Psychiatric Association; expenses to be paid from U. S. Public Health Service Grant No. OM 76(C1).
21. Dr. Robert MacGregor, Research Director, Youth Development Center, April 16-18, 1959, to Topeka, Kansas, to present a paper at the annual meeting of the Southeastern Psychological Association; expenses to be paid from U. S. Public Health Service Grant No. OM 76(C1).
22. Dr. Franklin P. Schuster, Instructor in Neurology and Psychiatry, April 26-May 2, 1959, to Philadelphia, Pennsylvania, to present a paper at the meetings of the American Psychiatric Association; expenses to be paid from U. S. Public Health Service Grant No. OM 76(C1).
23. Dr. Mary Ellen Haggard, Assistant Professor of Podiatry, July 19-25, 1959, to Montreal, Canada, to present an exhibit at the meeting of the IX International Podiatric Congress; expenses to be paid from the Current Restricted Account - Professional Services by Members of Clinical Staff.
24. Dr. Milton R. Hejtmansk, Associate Professor of Internal Medicine, May 2-6, 1959, to Atlantic City, N. J., to attend the scientific meetings: American Federation for Clinical Research, American Society for Clinical Investigation, and American Association of Physicians; expenses to be paid from the Current Restricted Account - Wyeth Laboratories Grant - Special Cardiovascular Fund.
25. Dr. George R. Herrmann, Professor of Internal Medicine, May 3-6, 1959, to Atlantic City, New Jersey, to attend the annual meeting of the Young Turks, the American Society for Clinical Investigation and the Association of the American Physicians; expenses to be paid from the Current Restricted Account - Wyeth Laboratories Grant - Special Cardiovascular Fund.
26. Dr. R. D. Higginbotham, Assistant Professor of Microbiology, April 11-18, 1959, to Atlantic City, N. J., to attend the meetings of the Federated Societies of Experimental Biology; expenses to be paid from the Agency Account - Burroughs Wellcome and Company Grant.
27. Dr. Howard C. Hopps, Professor and Chairman of the Department of Pathology, April 10-24, 1959, to New Orleans, Louisiana, New York City, Atlantic City, N. J., and Boston, Massachusetts, to make project site visits for the NIH (New Orleans and New York City); attend a meeting of the American Association for Cancer Research and attend a meeting of the Federated Societies (Atlantic City); attend the meetings of the International Academy of Pathology and the meetings of the American Association of Pathologists and Bacteriologists (Boston, Mass.). Partial expenses are to be paid from U. S. Public Health Service Grant No. CY-3259.
28. Dr. Herbert Jacobson, Resident in Plastic Surgery, May 13-15, 1959, to Boston, Massachusetts, to attend a meeting of the American Association of Plastic Surgeons; expenses to be paid from the Special Activities Account - Professional Fees - Plastic Surgery.

29. Mr. J. R. Jannasch, Director, Staff Personnel, June 28-July 1, 1959, to Charlottesville, Virginia, to attend the 13th Annual Conference of the College and University Personnel Association; expenses to be paid from Office of Staff Personnel - Maintenance and Equipment.
30. Mr. Robert L. Lantos, Director of Pharmacy, May 17-20, 1959, to New Orleans, Louisiana, to attend the meeting of the American College of Apothecaries; expenses to be paid from Pharmacy - Maintenance and Equipment.
31. Mr. Robert L. Lantos, Director of Pharmacy, June 14-20, 1959, to Salt Lake City, Utah, to attend the Annual Institute on Hospital Pharmacy, sponsored by the American Hospital Association; expenses to be paid from Pharmacy - Maintenance and Equipment.
32. Dr. James J. Leonard, Assistant Professor of Internal Medicine, May 1-6, 1959, to Atlantic City, New Jersey, to attend the meetings of the Society for Clinical Investigation; expenses to be paid from U. S. Public Health Service Grant No. HTS 5314.
33. Dr. Herbert E. Madalin, Assistant in Thoracic Surgery, April 15-23, 1959, to San Francisco, California, to attend the meetings of the American Surgical Association and the Thoracic Surgery Society; expenses to be paid from the Special Activities Account - Professional Fees - General Surgery.
34. Mr. Wallace G. Metcalf, Laundry Manager, April 23-25, 1959, to Tulsa, Oklahoma, to attend the 19th Annual Conference of the National Association of Institutional Laundry Managers; expenses to be paid from Laundry - Maintenance and Equipment.
35. Dr. John W. Middleton, Associate Professor of Internal Medicine, May 24-28, 1959, to Chicago, Illinois, to attend the Annual Meeting of the Trudeau Society and National Tuberculosis Association; expenses to be paid from the Current Restricted Account - Donation of Professional Fees - Study of Diseases of the Chest.
36. Mrs. Mildred Miller, Head Nurse, Student Health Service, May 5-10, 1959, to Philadelphia, Pennsylvania, to attend the Annual Meeting of the American College Health Association; expenses to be paid from Student Health Service - Maintenance and Equipment.
37. Mr. Orus M. Mooney, Assistant Director of Hospitals, May 12-13, 1959, to Washington, D. C., for conferences with the State Department concerning In-Service Training Program for Foreign Graduate Nurses; expenses to be paid from the Current Restricted Account - Sealy & Smith Foundation Donation Grant.
38. Dr. Hyman W. Paley, Instructor in Internal Medicine, May 1-6, 1959, to Atlantic City, New Jersey, to attend the meeting of the Society for Clinical Investigation; expenses to be paid from U. S. Public Health Service Grant No. HTS 5314.
39. Dr. Marcel Patterson, Associate Professor of Internal Medicine and Director of Student Health, May 2-9, 1959, to Atlantic City, New Jersey, to attend the meeting of the American Federation for Clinical Research and the meeting of the American College Health Association; expenses to be paid from Student Health Service - Maintenance and Equipment.
40. Dr. Lloyd Pickett, Director of Personnel Clinic, April 27-May 2, 1959, to Chicago, Illinois, to attend the Industrial Health Conference;

expenses to be paid from Special Activities Account - Professional Fees - Personnel Clinic.

41. Dr. Morris Pollard, Professor of Preventive Medicine and Public Health, April 13-17, 1959, to Atlantic City, New Jersey, to present a paper at the annual meeting of the American Society for Experimental Pathology; expenses to be paid from the Current Restricted Account - Hariz Mountain Products Grant.

42. Dr. Edgar J. Poth, Professor of Surgery, April 15-19, 1959, to San Francisco, California, to attend the meeting of the American Surgical Association; expenses to be paid from the Current Restricted Account - Professional Services by Members of Staff - General Surgery.

43. Dr. Jacob Protas, Resident in Radiology, April 25-26, 1959, to Atlanta, Georgia, to present a paper at the annual meeting of the Association of University Radiologists; expenses to be paid from the Current Restricted Account - Radiology Department - Gifts for Operating Expenses from Professional Fees - Maintenance, Equipment, and Travel.

44. Mrs. Yvonne E. Ring, Laboratory Technical Assistant in Pharmacology, April 12-19, 1959, to Atlantic City, N. J., and New York, N. Y., to attend the meeting of the Society for Pharmacology and Experimental Therapeutics (Atlantic City); visit various research workers of the Charles Pfizer and Company to discuss problems covered by the Sahyun Laboratories Grant (New York); expenses to be paid from the Current Restricted Account - Sahyun Laboratories Grant for Research.

45. Dr. Fred Sanders, Research Investigator in Endocrine Clinic, April 10-18, 1959, to Atlantic City, New Jersey, to attend the meeting of the Federated Societies and present a paper at the meeting of the American Physiological Society; expenses to be paid from the Current Restricted Account - National Fund for Medical Education Grant - Internal Medicine.

46. Miss Romaine Silbermagel, Physical Therapist, May 11-15, 1959, to Jackson, Mississippi, to attend an Exercise Workshop for pre and post natal exercises at The University of Mississippi Medical Center; expenses to be paid from the Current Restricted Account - Monsanto Grant for Rehabilitation Clinic.

47. Dr. A. N. Silveti, Research Investigator in Surgery, May 8-12, 1959, to Chicago, Illinois, to attend a conference with representatives of the Abbott Laboratories to discuss production of the keration solution preparation which has been carried out under Army Contract No. DA-49-007-MD-880; expenses to be paid from Army Contract No. DA-49-007-MD-880.

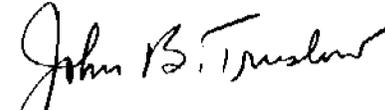
48. Dr. Theodore J. Starr, Postdoctorate McLaughlin Fellow, April 13-17, 1959, to Atlantic City, New Jersey, to present a paper at the meetings of the Federated Societies; expenses to be paid from the James W. McLaughlin Fellowship Fund.

49. Miss L. Jean Stubbins, Technical Director, Blood Bank and Hematology, May 22-24, 1959, to Chicago, Illinois, to attend the meeting of the Interim Board of Directors of the American Association of Blood Banks; expenses to be paid from the Special Activities Account - Blood Bank.

50. Dr. Robert L. Tips, Resident in Pediatrics, May 6-10, 1959, to Buck Hill Falls, Pennsylvania, to attend the meetings of the American Pediatric Society and the Society for Podiatric Research; expenses to be paid from the Special Activities Account - Pediatric Residents' Fund.
51. Dr. Edwin G. Troutman, Medical Director, Out-Patient Department, April 24-30, 1959, to Atlanta, Georgia, and Jackson, Mississippi, to attend the annual meeting of the Southern Association of Medical Schools and Teaching Hospitals (Atlanta); visit the Mississippi Medical Center; expenses to be paid from General Administration - Executive Director's Office - Maintenance and Equipment.
52. Dr. Wayne E. Truax, Instructor in Internal Medicine, May 2-6, 1959, to Atlantic City, New Jersey, to attend the meetings of the American Federation of Clinical Research, Blood Club, American Association of Clinical Investigation and American Association of Physicians; expenses to be paid from U. S. Public Health Service Grant No. CY-3096(C1).
53. Dr. James V. Warren, Professor and Chairman of the Department of Internal Medicine, May 1-5, 1959, to Atlantic City, New Jersey, to attend the meetings of the Academic Medical Society, American Federation for Clinical Research, American Society for Clinical Investigation and the American Association of Physicians, expenses to be paid from U. S. Public Health Service Grant No. HTS 5314
54. Dr. Cecilia Y. Willard Bobbitt, Assistant Professor of Pediatrics, June 7-13, 1959, to Atlantic City, New Jersey, to present an exhibit at the meeting of the American Medical Association; expenses to be paid from the Current Restricted Account - Professional Services by Members of Clinical Staff - Pediatrics.
55. Dr. Joyce Wilson, Intern in Pediatrics, April 13-15, 1959, to San Francisco, California, to attend the meeting of the American Academy of Pediatrics; expenses to be paid from the Special Activities Account - Pediatric Residents' Fund.
56. Dr. William P. Wilson, Associate Professor of Neurology and Psychiatry, April 25-May 2, 1959, to Farnhurst, Delaware, and Philadelphia, Pennsylvania, to attend the meeting of the Research Directors of Psychiatry (Farnhurst); present a paper at the meeting of the American Psychiatric Association in Philadelphia; expenses to be paid from the Current Restricted Account - Special fund to be used for the support of research...travel expenses for younger staff members to attend medical meetings.
57. Change Item No. 36, Page C-4, of the Board of Regents' Minutes of April 17-18, 1959, to read as follows:
- Dr. Garth L. Jarvis, Professor of Obstetrics and Gynecology, April 2-12, 1959, to Atlantic City, New Jersey, New York City, N. Y., and Oklahoma City, Oklahoma, to attend the meetings of the American Society for the Study of Sterility and the meeting of the American College of Obstetricians and Gynecologists (Atlantic City); investigate research work being done under the direction of Dr. Bircher, Medical Director of Sandoz Pharmaceutical Company (New York), and returning by way of Oklahoma City to attend the regional meeting of the American Medical Association Committee on Maternal and Child Care. His expenses are to be paid from the Current Restricted Account - Professional Fees - Obstetrics and Gynecology.

58. Cancel Item No. 56, Page G-6, of the Board of Regents' Minutes of April 17-18, 1959. Due to illness, Mrs. Agnes Ritchie, Instructor in Neurology and Psychiatry, was unable to attend the annual meeting of the American Orthopsychiatric Association, March 29-April 2, 1959.

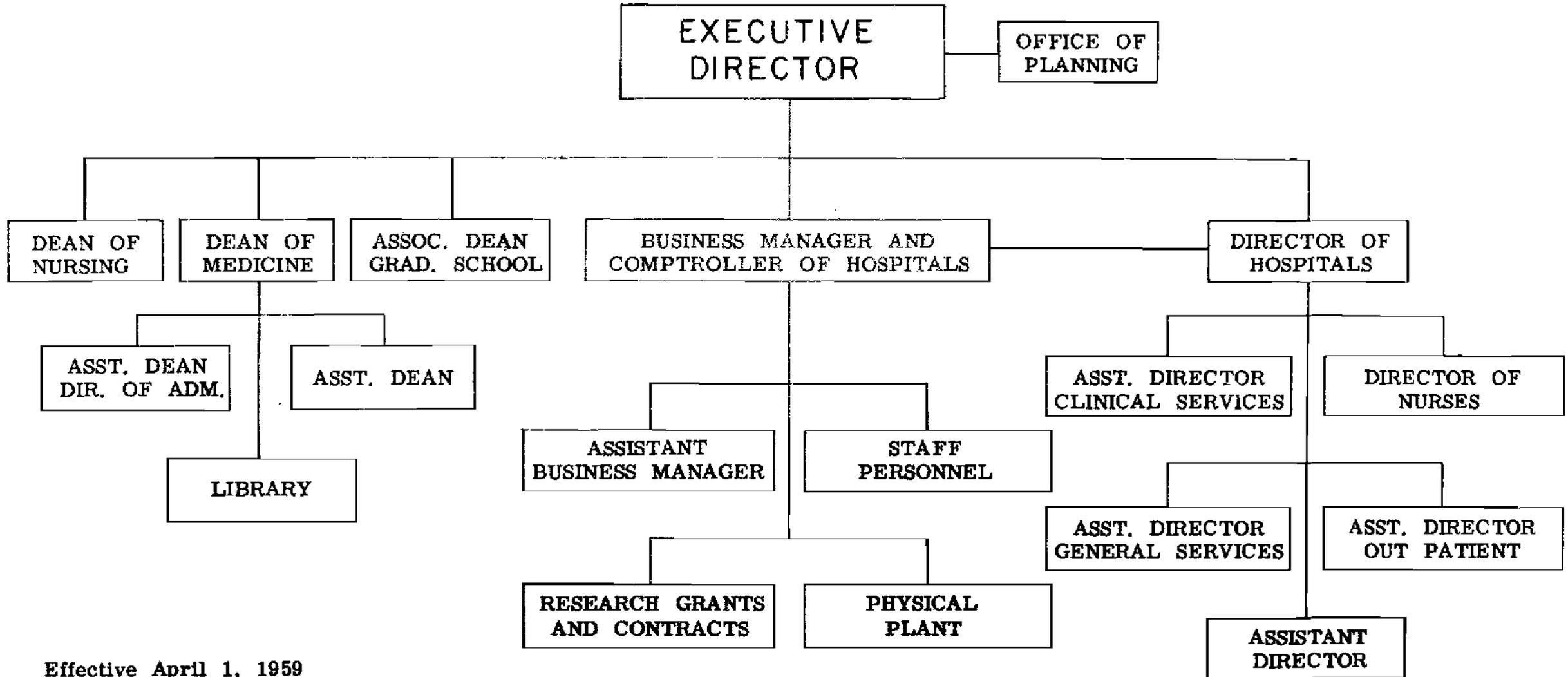
Sincerely yours,

  
John B. Truslow, M.D.  
Executive Director

JBT:EDW:br

THE UNIVERSITY OF TEXAS MEDICAL BRANCH  
GALVESTON, TEXAS

ORGANIZATIONAL CHART



Effective April 1, 1959

## THE UNIVERSITY OF TEXAS MEDICAL BRANCH

## ADMINISTRATIVE ORGANIZATION

Executive Director

The Executive Director of the Medical Branch serves under the direction of the President and has access to the Board of Regents through the President. Within the policies and regulations of the Board of Regents and under the supervision of the President, the Executive Director has general authority and responsibility for the administration of all divisions of the Medical Branch. Specifically, he is expected, with appropriate participation of the staff, to:

1. Develop and administer governing policies for the program, organization, and operations of the Medical Branch.
2. Interpret university policy to the staff, and interpret the Medical Branch's program and needs to the President and to the public.
3. Recommend appropriate budgets and supervise expenditures under approved budgets.
4. Recommend to the President the nomination, retention or dismissal of all members of the faculty and staff in keeping with the University's policies, and maintain efficient personnel programs.
5. Establish proper management of services to employees and patients.
6. Insure efficient management of business affairs and physical property; recommend additions and alterations to the Physical Plant.
7. Serve as ex-officio member of the Faculty of the School of Medicine, Graduate School, and the School of Nursing.
8. Cause to be prepared and submitted to the President, and through him to the Board of Regents, statutes and amendments thereto for the governance of the units.
9. Assume initiative in developing long-term plans for the program and physical facilities of the unit.

The Executive Director of the Medical Branch reports to and is responsible to the President.

Director of Planning

The duties and responsibilities of the Director of Planning is a staff function. Specifically, his duties are (1) coordinate the planning of all new construction and remodeling with the building committees, administration, architects, faculty and staff.

The Director of Planning is responsible to the Executive Director.

Dean of the School of Nursing

The Dean of the School of Nursing shall (1) develop, with faculty assistance, the plans and policies for the program and organization of the School of Nursing, (2) recommend appropriate budgets and supervise the expenditures under approved budgets, (3) insure that the business affairs and physical property under her supervision are managed properly, (4) nominate and recommend for appointment, retention or dismissal all members of the faculty and staff, (5) interpret University policy to the faculty

and staff, (6) serve as presiding officer of the Faculty of the School of Nursing.

The Dean of Nursing reports to and is responsible to the Executive Director.

#### Dean of Medicine

The Dean of Medicine of The University of Texas Medical Branch shall:

1. Develop and administer the governing policies for the program, organization and operation of the following divisions of The University of Texas Medical Branch: School of Medicine, Postgraduate Division, Medical Service Schools, and Technical Services.
2. Recommend appropriate budgets for each of these four divisions of the Medical Branch and supervise the expenditures under approved budgets.
3. Establish proper management of services to students in these divisions and enforce the rules governing student affairs.
4. Nominate and recommend for appointment, retention or dismissal all members of the faculties and staff in these four divisions in accordance with the approved policies, bylaws and statutes.
5. Promote liaison between these four divisions and between other divisions of the Medical Branch.
6. Interpret University policy to the faculties, staff and student bodies of these four divisions; interpret the programs and responsibilities of these divisions and express their needs to the Executive Director and to the public.
7. Insure efficient management of business affairs and physical property assigned by the Executive Director, and recommend additions and alterations to the Physical Plant.
8. Serve as the presiding officer of the Faculty of the School of Medicine and as ex officio member of the Medical Staff of The University of Texas Medical Branch Hospitals, and as ex officio member of the Graduate School Faculty and Faculty of the Postgraduate Division and Medical Services Schools in accordance with the approved bylaws, rules and statutes which apply to these divisions.
9. Carry out policies and directives of the Executive Director and interpret them to the personnel of these four divisions.
10. Cause to be prepared and submitted to the Executive Director an organizational pattern, or plan, with statutes and amendments, where appropriate, for the governance of these four divisions.
11. Assume the initiative in developing long-range plans for the program and physical facilities of each of the divisions under his direction; and recommend upon the overall mission and programs of each of the divisions, and upon the programs of the entire Medical Branch and The University of Texas
12. Receive and recommend upon all applications for research grants and contracts involving the School of Medicine, Graduate School and Post-graduate divisions.
13. Perform the duties of the Executive Director in consultation with other administrative officers when directed to do so by or in the absence of the Executive Director.

The Dean of Medicine reports directly to the Executive Director of the Medical Branch and he will have the same opportunity as other Deans of Medicine of direct access, through the Executive Director, to the President and Board of Regents on matters relating to education in medicine.

Assistant Dean and Director of Admissions

In general, the work of the Assistant Dean and Director of Admissions is concerned with admissions and records for all of the educational divisions of the Medical Branch; and, as an administrative officer, he has supervisory responsibility over the Medical Service Schools, Technical Service Departments, and the office staff of the Dean of Medicine. Specifically, his duties and responsibilities include:

1. Answering all inquiries and correspondence relating to admissions to the educational divisions of The University of Texas Medical Branch.
2. Interviewing and counseling all applicants for admission to the educational programs and/or arranging for interviews by the appropriate committee on admissions.
3. Serving as secretary and ex-officio member of the Admissions Committee.
4. Processing grades and maintaining official records of all students who matriculate in the educational divisions.
5. Coordinating veterans affairs and activities relating to the military and selective services.
6. Supervising the preparation of the Medical Branch catalog and all other bulletins and pamphlets describing the programs of the various educational divisions.
7. Supervising the registration of all students in the School of Medicine, School of Nursing, Graduate School, and Medical Services Curriculum.
8. Direct the various activities relating to commencement, including diplomas, programs and other arrangements.
9. Recommending appropriate budgets and supervision of expenditures under approved budgets for the service departments including the Technical Apparatus Shop, Audio Visual Aid, Medical Photography, and Medical Illustration.
10. Coordinating scheduling and the assignment of classroom space.
11. Assisting in processing all budgets submitted by the Departmental Chairmen.
12. Preparing statistical reports for the educational divisions.
13. Recommending general procedures for the operation of Medical Service Schools, including budgetary and curriculum matters.

The Assistant Dean and Director of Admissions reports to and is responsible to the Dean of Medicine.

Business Manager and Comptroller of Hospitals

The duties and responsibilities of the Business Manager and Comptroller of Hospitals include both staff and administrative functions. In general, the staff duties are to advise the Executive Director as to all fiscal, business management, and staff personnel activities. Specifically, he is expected to:

1. Assist in formulating budget policies for the Medical Branch within the framework of the University System-wide policies.
2. Supervise the accumulation of all budget data for review by the Executive Director.
3. Supervise the accumulation of the data and preparation of the Board of Regents' docket for review and submission by the Executive Director.
4. Formulate plans for expenditure control, internal audit program, financial reports and staff personnel policies.
5. Assist in developing improved practices in Administrative and Fiscal Management.
6. At the direction of the Executive Director represent the Medical Branch in its relation with both governmental and non-governmental units in negotiating agreements for financial support of indigent patients, subject to the policies approved by Central Administration and the Board of Regents.
7. Administrative duties include line responsibilities over the following offices and functions: Assistant Business Manager, Staff Personnel, all business aspects of Research Grants and Contracts, and Physical Plant.

The Business Manager and Comptroller of Hospitals reports to and is responsible to the Executive Director.

Assistant Business Manager

The Assistant Business Manager is responsible for the following functions and duties:

1. Collection, custody, and disbursement of institutional funds.
2. Maintenance of accurate accounting records, and control of expenditures in accordance with approved budgets and University regulations.
3. Maintenance of an effective program of internal audit.
4. Procurement and Purchasing.
5. Preparation of periodic financial reports, and continuing study to improve business practices.
6. Assist in the preparation of budgets.

The Assistant Business Manager reports to and is responsible to the Business Manager and Comptroller of Hospitals.

### Director of Hospitals

The Director of Hospitals is the chief administrative officer of all hospitals operated by The University of Texas Medical Branch. Specifically, his duties are:

1. Coordinating activities and functions of the medical staff and the various hospital departments.
2. Work with the Dean of Medicine, Dean of Nursing, and Chairmen of Clinical Departments on matters relating to undergraduate, graduate and postgraduate training in the various hospitals.
3. Develop, with the assistance of the staff, in-service training programs.
4. Recommend appropriate budgets and supervise expenditures under approved budgets.
5. Insure that the business affairs and physical property under his supervision are managed properly.
6. Through the Executive Director interpret to the public the mission and objective of the Medical Branch Hospitals.
7. Chairman of the Joint Advisory Committee of the Medical Branch staff. Serve as ex-officio member on all other Medical Staff committees.
8. Carry out the duties and responsibilities as set forth in the bylaws of the Medical Staff.

The Director of Hospitals reports to and is responsible to the Executive Director.

### Assistant Director of Hospitals for Clinical Services

The Assistant Director of Hospitals for Clinical Services, as a staff officer, is to advise and consult with the Director of Hospitals concerning the activities, problems, and progress within his assigned departments. Specifically, he is expected to formulate, and submit for approval, plans for the efficient management of the departments over which he has supervisory line responsibility.

As an administrative officer, he has line responsibility over the following hospital departments: Medical Records, Social Service, Blood Bank, Clinical Laboratory, Heart Station, Physical Therapy, Occupational Therapy, Electroencephalography, and Radiology. Specifically, he is expected to:

1. Submit budgets and changes in approved budgets with respect to these departments for the approval of the Director of Hospitals.
2. Direct his department heads in effectively carrying out University fiscal policies.
3. Act as coordinator in inter-departmental relationships.
4. Implement operational changes approved by the Director of Hospitals.
5. Work closely with the Medical Staff and with the Medical Advisory Committees in providing effective and economical service.

This group of hospital departments are the technical areas which are principally concerned with the diagnosis and treatment of patients. These are areas of the hospital which either receive direct technical supervision from members of the Medical Staff or operate in close association with the

Medical Staff. Because of this administrative arrangement, it is expected that the Assistant Director for Clinical Services will be available for special staff assignments and studies as suggested by the Director of Hospitals and/or Medical Directors of these departments.

The Assistant Director of Hospitals for Clinical Services reports to and is responsible to the Director of Hospitals.

#### Assistant Director of Hospitals

The Director of Hospitals cannot be on duty continuously; nor, can he in a large institution attend personally to the infinite details pertaining to his office. It is therefore necessary to appoint an Assistant Director of Hospitals who has no departmental responsibilities but devotes his whole time to assisting the Director. As a staff officer he may, at the Director's request, represent him in his relations with community agencies, volunteer groups, community and hospital committees, patients and visitors, and other similar groups. He will perform other special and general duties pertaining to efficient and economical hospital administration as requested by the Director of Hospitals.

The Assistant Director of Hospitals reports to and is responsible to the Director of Hospitals.

#### Assistant Director of Hospitals for General Services

The Assistant Director of Hospitals for General Services, as a staff officer, is to advise and consult with the Director of Hospitals concerning activities, problems, and progress within his assigned departments. Specifically, he is expected to formulate and submit for approval the plans for the efficient management of the departments over which he has supervisory line responsibility.

As an administrative officer, he has line responsibility over the following hospital departments: Laundry, Housekeeping, Dietary, Pharmacy and Central Supply. Specifically, he is expected to:

1. Submit budgets and changes in approved budgets with respect to these departments for the approval of the Director of Hospitals.
2. Direct his department heads in effectively carrying out University fiscal policies.
3. Act as coordinator in inter-departmental relationships.
4. Implement operational changes approved by the Director of Hospitals.

The Assistant Director of Hospitals for General Services reports to and is responsible to the Director of Hospitals.

#### Assistant Director of Hospitals for Out-Patient Affairs

The Assistant Director of Hospitals for Out-Patient Affairs, as a staff officer, is to advise and consult with the Director of Hospitals concerning activities, problems, and progress within his assigned departments. Specifically, he is expected to formulate, and submit for approval, plans for the efficient management of the departments over which he has supervisory line responsibility.

As an administrative officer, he has a line responsibility over the following hospital departments: Out-Patient Department, Emergency Room, and Admissions. Specifically, he is expected to:

1. Submit budgets and changes in approved budgets with respect to these departments for the approval of the Director of Hospitals.
2. Direct his department heads in effectively carrying out University fiscal policies.
3. Act as coordinator in inter-departmental relationships.
4. Implement operational changes approved by the Director of Hospitals.
5. Establish and maintain unified direction of the Out-Patient Division. This includes medical, nursing, and clerical personnel.
6. Effectively screen and coordinate clinics and emergency admissions with the in-patient hospital register to attain the most effective utilization of staff beds.
7. Consult with the various clinical services in matters pertaining to both out-patient and in-patient admissions and discharges.
8. Work closely with the Dean of Medicine in matters pertaining to undergraduate and post graduate teaching in the out-patient divisions.

The scope of responsibilities of this Assistant Director are primarily medical; therefore, a physician should be appointed to this position.

The Assistant Director of Hospitals for Out-Patient Affairs reports to and is responsible to the Director of Hospitals.

#### Administrative Council

To advise the Executive Director at periodic intervals of matters of administrative policy. It is composed of the Dean of Medicine, Dean of Nursing, Assistant Dean of Medicine, Director of Hospitals, Business Manager and Comptroller of Hospitals, Director of Planning, and the Assistant Dean of Medicine and Director of Admissions.

MB-46

1025

CHARTER

AND

BY-LAWS

THE UNIVERSITY MEDICAL BRANCH COOPERATIVE SOCIETY

Incorporated

GALVESTON - TEXAS

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CHARTER

1226

of the

UNIVERSITY MEDICAL BRANCH CO-OPERATIVE SOCIETY

GALVESTON, TEXAS

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State of Texas  
County of Galveston  
Know All Men by These Presents:

That We, the undersigned, all citizens of the State of Texas, desiring to associate ourselves together and form a body corporate under the laws of said State, do hereby adopt the following Charter:

ARTICLE I.

Name.

The name of this corporation shall be the "University Medical Branch Co-operative Society".

ARTICLE II.

Purpose.

The purpose for which this corporation is formed is: To purchase and sell goods, wares and merchandise, of whatever kind and description, as authorized by subdivision 39 of Article 1302 of the Texas Revised Civil Statutes of 1925, and to supply such goods, wares and merchandise primarily to the students, faculty, staff, and Board of Regents of The University of Texas at the lowest possible prices consistent with good business methods and the continued existence of the Society.

ARTICLE III.

Location.

The business of this corporation is to be transacted at the City of Galveston, Galveston County, Texas.

ARTICLE IV.

Duration.

This corporation shall exist for a period of fifty years.

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ARTICLE V.

Directors.

The management of the affairs of this corporation shall be vested in a Board of nine Directors, eight to be chosen by the active members of the corporation in such manner as the by-laws may prescribe in addition to the Executive Director who will serve as ex-officio.

It shall be the duty of the Board of Directors upon the request of the Board of Regents of the University of Texas, or the President of the University of Texas, or the Executive Director of the University of Texas Medical Branch, or the faculty of the University of Texas Medical Branch, to furnish within two weeks of the communication of such request, written, and, if need be, sworn reports, giving the exact assets and liabilities of the society, along with other suitable data concerning its business.

The following persons shall serve as Directors: \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_, and \_\_\_\_\_.

ARTICLE VI.

Capital Stock

No capital stock shall be issued, the funds of the corporation being made up of such books, merchandise, equipment, real estate, and assets now owned by the University Medical Branch Co-operative Society, together with all profits and increment of whatever nature which may from year to year accrue through its operation.

ARTICLE VII.

Members.

The members of this corporation shall be composed of the directors named herein and such other persons as fulfill the requirements for membership as defined in the by-laws. The directors shall be nine in number, who shall be elected in the month of May of each year in such manner as the by-laws may prescribe, subject to the following conditions:

The Executive Director of the University of Texas Medical Branch shall be ex-officio a member of the Board of Directors; of the remaining eight members of the Board of Directors, four shall be elected from the voting faculty of the University of Texas Medical Branch, not more than one member from the faculty of any department of the Medical Branch, and four from the student members of the society, not more than one student from any class year of the School of Medicine and one student from the School of Nursing of the University of Texas Medical Branch.

The Board of Directors shall adopt by-laws providing for the selection of other members of the corporation upon such terms as said Board of Directors may see fit to proscribe, but such members shall not actively participate in the management of the financial affairs of said corporation.

ARTICLE VIII.

Dissolution.

On the dissolution of this corporation by limitation or otherwise, its net assets shall pass in trust to the Board of Regents of the University of Texas, to be invested by them as recommended by the Executive Director of the Medical Branch, the income thereby arising to be at the disposal for use of the said University of Texas Medical Branch.

If at any time thereafter a co-operative society organized for the benefit of the students of said University of Texas Medical Branch be established, and approved by the Regents, they shall turn over said assets to the new society.

- (signed) \_\_\_\_\_

State of Texas,  
County of Galveston,

Before me, \_\_\_\_\_, a Notary Public in and for \_\_\_\_\_  
County, Texas, on this day personally appeared \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_ and \_\_\_\_\_, known to me to

be the persons whose name are subscribed to the foregoing instrument of writing, and known to me to be citizens of the State of Texas, and they each acknowledge to me that they executed the same for the purpose and consideration therein expressed.

Given under my hand and Seal of Office at \_\_\_\_\_, Texas,  
this \_\_\_\_\_ day of \_\_\_\_\_ A.D. 19\_\_.

(Signed) \_\_\_\_\_  
Notary Public in and for  
\_\_\_\_\_ County, Texas

## BY-LAWS

of

THE UNIVERSITY MEDICAL BRANCH COOPERATIVE SOCIETY  
Galveston, Texas

## ARTICLE I --MEMBERSHIP

## Section 1. Members.

The membership of the University Medical Branch Cooperative Society shall consist of all bona fide students of The University of Texas Medical Branch, who shall be in residence at the University at Galveston, Texas; all staff members listed in the official University directory, likewise in residence at the University of Texas Medical Branch and the Board of Regents of the University.

## Section 2. Classes of Members.

Clause 1. The membership of the Society shall be divided into two classes: Trustee and Beneficial. Clause 2. Trustee Membership shall constitute those members who are currently serving as members of the Board of Directors who have been chosen in accordance with the provisions of these by-laws and who accordingly are charged with management of the affairs of the Society for the benefit of all the membership. Clause 3. Beneficial Membership shall constitute all other members of the Society for whose primary benefit the affairs of the Society are being operated, who are not currently serving as members of the Board of Directors.

## Section 3. Voting.

The right to vote on any matter pertaining to the charter, by-laws, election of directors, or management of the affairs of the Society shall be vested solely in the Trustee Membership, and shall not be exercised by the Beneficial Membership.

## Section 4. Participation in Savings-Sharing Plan.

Both classes of membership shall be eligible to participate in the savings-sharing plan of the Society under the terms and conditions promulgated from time to time by the Board of Directors.

## ARTICLE II --BOARD OF DIRECTORS

## Section 1. Members.

The Board of Directors of the Society shall consist of nine members, one of whom shall be the Executive Director of the University of Texas Medical Branch, four of whom shall be voting members of the General Faculty or members of the Administrative Staff of the University Medical Branch, and four of whom shall be bonafide members of the student body of the University Medical Branch, at the time of their election; provided no two faculty

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members of the Board shall be from the same department and that no two student members shall be at the time of election from the same class of the University Medical Branch; and provided further that no student who is elected to, appointed to, or holding any office created by the Constitution and By-Laws of the Student American Medical Association of the University of Texas Medical Branch, or the Student Organization of the School of Nursing shall be eligible for membership on the Board. Any five qualified members of the Board shall constitute a quorum for the transaction of all business, except as hereinafter provided.

## Section 2. Election

Clause 1. The Executive Director of the University of Texas Medical Branch (or the person or official performing the duties of the Executive Director of the University Medical Branch) shall be ex-officio a member on the Board of Directors during his term of office with right of vote.

Clause 2. The other eight members of the Board of Directors shall be elected in May of each year by the members of the Board of Directors in office at that time. The election shall be held at the first regular meeting in May determined by majority vote of the Board of Directors.

Clause 3. The four faculty members of the Board shall be nominated by the Executive Director of the University Medical Branch. Each faculty member shall be nominated for four one-year terms and shall not be eligible to succeed himself at the expiration of the four years. The terms of nomination of the faculty members shall so end that each year one of such terms will expire and a new faculty member may come on the Board. For the first Board nominated the four members shall draw lots to determine which member shall serve for one, two, three or four years.

Clause 4. The three student members of the Board from the School of Medicine shall be nominated each for two one-year terms by the President of the Student American Medical Association of the University of Texas Medical Branch with the approval of the Medical Students' Assembly of the University of Texas Medical Branch. For the first Board nominated the three Medical Students shall draw lots to determine which members shall serve for one or two years. The one student member of the Board from the School of Nursing shall be nominated for two one-year terms by the President of the Student Organization of the School of Nursing with the approval of the Nursing Students' Assembly. Two of the four persons shall be nominated each year. The nominations shall be made in April prior to the time the President goes out of office in April and prior to the first regular Board meeting in May. If one of the student nominees having been elected, shall fail to return to school, the nominating authority shall be requested to nominate his successor with the approval of the Students' Assembly by October 15.

Clause 5. Should any nominee fail to be elected by the Board of Directors, or if any elected member of the Board fails to qualify, or if his office becomes vacant, the nominating authority shall be requested to make another nomination.

Clause 6. A vacancy shall exist on the Board of Directors whenever a faculty member ceases to be a member of the Staff of the University of Texas Medical Branch, or whenever a student member fails to register or withdraws from the University Medical Branch in any semester of the long session, or whenever the resignation of any member is accepted by the Board of Directors.

Section 3. Term of Office

Clause 1. The term of office of each Board member, except the Executive Director of the University of Texas Medical Branch, shall be from the first regular meeting in May of the year of his election until the first regular meeting in May of the following year, or until his successor shall have been chosen and qualified.

Clause 2. Should any member of the Board fail to return to the University Medical Branch, by October 15 next after his election, his office shall automatically become vacated.

Section 4. Powers and Duties

Clause 1. The Board of Directors shall have all powers necessary for the proper conduct and supervision of the business of the Society, and shall adopt those business policies which will furnish to its members all books, stationery, school supplies, and other merchandise at the lowest possible prices consistent with good business and a continued existence of the Society.

Clause 2. The Board of Directors shall, at its discretion, make rules governing the conduct of the business of the Society and its officers, as hereinafter provided for, and the same shall be in writing and mandatory upon the officers and employees of the Society.

Clause 3. The Board of Directors shall hold regular monthly meetings on the \_\_\_\_\_ of each month during the long session. Additional meetings may be held at the call of the Chairman or upon written request of any three members of the Board.

Clause 4. At the first meeting of any new Board of Directors, it shall elect one of its members Chairman and one of its members Vice-Chairman, whose terms of office shall be to the first regular meeting in May.

Clause 5. The Board of Directors shall elect in May of each year a President of the Society. The President may not be selected from the members of the Board of Directors. He shall be selected from the Staff of The University of Texas Medical Branch. The President shall nominate and the Board of Directors shall elect such other officers, including a Manager, as may be necessary to conduct the business of the Society. Such officers shall be elected for one year terms or for intermediate periods, as the Board of Directors may determine. Compensation for all elected officers shall be fixed by the Board of Directors.

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Clause 6. During these periods between adjournment of any regular long session and the beginning of the succeeding long session of The University of Texas Medical Branch, or at any time that it is highly inconvenient for a quorum of the Board to meet, any matter, over which it has jurisdiction, may be submitted by the President of the Society and such members of the Board of Directors as are in Galveston, to the individual members of the Board for decision, the Ad Interim motion, shall be written, prefaced with an explanation thereof, and provided places for the recording of an affirmative or negative vote, the signature of the voting member, and the date thereof. Such written communication shall be returned to the Secretary of the Board, who shall preserve them in a file and certify the results of the voting to the President of the Society. The preceding clause may be waived in whole or in part by unanimous vote of those present at any May meeting of the Board of Directors, and action authorized by members of the Board who can attend meetings in Galveston during the period between the June commencement date and September 15; provided that a quorum of the Board shall be present at such summer meetings and action taken by 2/3 vote of those present; and provided also that no action shall be taken under this provision on matters covered by Clause 7 of Section 4, Article II unless all members of the Board other than ex-officio members are present.

Clause 7. No action shall be taken by the Board of Directors concerning (1) the use, transfer, or dispensation of funds in any reserve or investment accounts, or (2) any departure from established policies, except (1) upon advance notice thereof of two weeks and (2) by a majority vote of the entire membership of the Board. The opinion of any two members of the Board that a matter is a departure from established policy shall be sufficient to defer action under the provisions of this clause.

Clause 8. The Board of Directors shall furnish upon request, and within two weeks thereafter, written reports, giving the exact assets and liabilities of the Society, together with all other requested data pertaining to the Society, to the President of The University of Texas, and Board of Regents of the University, the Executive Director, and to any legally constituted committee of the Legislature of the State of Texas.

Clause 9. No person shall serve as a member of the Board of Directors of the University Medical Branch Cooperative Society in case, within the previous five years he has been regularly employed by the University Medical Branch Cooperative Society, or in case any relative of the first degree of consanguinity has been so employed within that time; nor may members of the Board of Directors be appointed by any officer who would be ineligible to serve as a Director under the provisions of this paragraph. Should any regularly authorized appointing officer be ineligible to make appointments to the Board of Directors of The University Medical Branch Cooperative Society, such appointments are to be made in the usual manner by the vice-officer. Any officer who by virtue of position is an ex-officio member of the Board of Directors, but who is ineligible to serve under the provisions of this paragraph, shall be replaced on the Board by the vice-officer.

Clause 10. No person shall be employed by the University Medical Branch Cooperative Society in case he has served as a member of the Board of Directors of the Society during the five years immediately preceding such employment; or in case of a relative of the first degree of consanguinity has served as a member of the Board of Directors during that time.

ARTICLE III - OFFICERS AND THEIR DUTIES

Section 1. The President

Clause 1. The President of The University Medical Branch Cooperative Society shall have general supervision of the business, see that the policies of the Board of Directors are carried out.

Clause 2. It shall be his duty to see that the business is conducted in an efficient and proper manner, that a sufficient and accurate system of accounts is maintained, and that the obligations of the Society are promptly met.

Clause 3. It shall be his further duty to see that a proper audit is made at the end of each fiscal year beginning May 1 and ending April 30.

Clause 4. It shall further be the duty of the President of the Society to send typewritten reports of the annual statements provided by the preceding clause to the Executive Director of the University of Texas Medical Branch, and to all members of the Board.

Section 2. Manager

Clause 1. The Manager shall devote his whole working time to the business of the Society, shall be wholly responsible for the detailed supervision of its affairs, the carrying out of its business policies under the direction of the President of the Society, its efficient operation, supervision of all employees, and the proper coordination of all phases of its activity, and in all things be the chief executive of the Society, subject only to the direction of the President of the Society and such rules as may be prescribed from time to time by the Board of Directors.

Clause 2. It shall be his further duty to make accessible any official records of the Society, show the stock, or explain any phase of activity of the Society to any member of the Board of Directors, upon request.

Clause 3. It shall be his further duty to assist the auditor and the Board of Directors in the proper preparation and presentation of the exhibits and records as provided for by Article II, Section 4, Clause 8, of these By-Laws.

Clause 4. He shall further assist the Auditor in preparing his annual statements, make available the records of the Society, and shall do all things necessary to ensure a proper accounting at the end of each fiscal year.

Section 3. The Chairman of the Board of Directors.

Clause 1. The Chairman of the Board of Directors shall be the presiding officer of all meetings of the Board of Directors and all meetings of the members of the Society, and shall use as his guide in so doing the parliamentary rules of order and procedure as set forth in Roberts' "Rules of Order". The Chairman shall have all powers usually pertaining to such office, including a right to vote on all matters.

Section 4. The Vice-Chairman of the Board of Directors.

Clause 1. In the absence of the Chairman of the Board of Directors, the Vice-Chairman shall assume the responsibilities of the Chairman.

Section 5. The Secretary.

Clause 1. The Secretary of the Board of Directors shall be the Manager.

Clause 2. The Secretary of the Board of Directors shall keep a regular minute book and shall therein accurately record the proceedings of each meeting and every meeting of the Board of Directors, or members of the Society.

Clause 3. The Secretary shall likewise maintain proper files wherein he shall preserve all important records of the Society and its Board, as well as the Ad Interim motions as provided by Article II, Section 4, Clause 6, of these By-Laws, and shall certify in writing the results of such motions to the President of the Society.

Section 6. The Auditor.

Clause 1. The Auditor of the Society, who shall be appointed by the President of the Society, with the approval of the Board of Directors, shall make the annual audit of the Society at the close of each fiscal year, prepare statements and exhibits thereof, prepare income tax returns, and in general, serve as accounting consultant to the Society.

ARTICLE IV. - AMENDMENT AND REPEAL OF BY-LAWS

Section 1. Repeal.

Clause 1. These By-Laws, or any portion thereof, may be repealed at any regular meeting of the Board of Directors upon advance written notice thereof of two weeks by a majority vote of the entire membership of the Board.

Section 2. Amendment.

Clause 1. These By-Laws, or any portion thereof, may be amended at any regular meeting of the Board of Directors upon advance written notice thereof of two weeks by a majority vote of the entire membership of the Board.

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Clause 2. Any change that may be made in these By-Laws shall be published in a manner accessible to the members of The University of Texas Medical Branch Cooperative Society, within two weeks after such change.

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DENTAL BRANCH ---

~~Post Budget~~

Clippings p. 2

~~Exex~~

~~File Government Contracts~~

~~Letter to State Comptroller~~

~~Heien Harrison pp. 3 and 4~~

Dr. Logan Wilson, President  
The University of Texas  
Austin 12, Texas

Dear Doctor Wilson:

The following docket is submitted for your approval and presentation to the Board of Regents at its meeting in Austin, Texas on June 12-13, 1959:

Stenographic Service

1. Transfer \$2,500.00 from Office of the Dean - Maintenance, Operation and Travel, to Stenographic Service - Maintenance and Operation.  
(RBC 67)

General Practice

2. Accept the resignation of Dr. James D. Smith, Assistant Professor at an annual salary of \$8,000.00, effective March 31, 1959, inclusive; unused balance of \$3,333.38 to be transferred to Unallocated Salaries.  
(RBC 65)

Pathology (Microbiology)

3. Accept the resignation of Dr. Elmer S. Wynne, Associate Professor at an annual salary of \$9,600.00, effective May 31, 1959, inclusive; unused balance of \$2,400.00 to be transferred to Unallocated Salaries.  
(RBC 69)

Physiology (Pharmacology)

4. Appoint Dr. Willis W. Smith as Instructor at an annual salary of \$6,000.00 for the period June 1, 1959 to August 31, 1959, inclusive; necessary funds in the amount of \$1,500.00 to be transferred from Instructor, unfilled; unused balance of \$4,000.00 to be transferred to Unallocated Salaries. (RBC 68)

Surgery

5. Appoint Dr. Morris B. Murphy as Clinical Associate Professor, without salary, for the period May 8, 1959 to August 31, 1959, inclusive.

6. Appoint Dr. John D. Hull as Clinical Associate Professor, without salary, for the period May 8, 1959 to August 31, 1959, inclusive.

Audio Visual Division

7. Transfer \$3,500.00 from Organized Research - Research, to Audio Visual Division - Maintenance, Operation and Equipment. (RBC 70)

United States Public Health Service Senior Research Fellowship Grant SF-288

8. Appoint Dr. Vasant M. Doctor as Senior Research Fellow (4/5 T.) at an annual salary of \$7,600.00 for the period April 1, 1959 to August 31, 1959, inclusive; necessary funds in the amount of \$3,166.65 from Senior Research Fellow in the same department. (RBC 66)

AWARDING OF DEGREES: Eligible members of the Senior Class have been approved for the awarding of degrees to properly certified candidates of the School of Dentistry and the School of Dental Hygiene.

CLASSIFIED PAY PLAN: I recommend approval of the following changes in the Classification and Pay Plan to become effective September 1, 1959:

	From		To	
	Monthly	Annual	Monthly	Annual
1400 X-Ray Technician Step Number 28	\$277-351	\$3324-4212	\$304-385	\$3648-4620
1401 Senior X-Ray Technician Step Number 33	\$351-445	\$4212-5340	\$385-490	\$4620-5880
2050 Dispensary Supervisor Step Number 28	\$304-385	\$3648-4620	\$304-424	\$3648-5088
<del>2323</del> 2323 Medical Illustrator Step Number 33	\$351-445	\$4212-5340	\$385-490	\$4620-5880
3025 Maintenance Engineer Step Number 37	\$424-539	\$5088-6468	\$467-592	\$5604-7104

GOVERNMENT GRANTS

1. Change Item No. 5, Page D-2 of the Dental Branch Docket from the Board of Regents Minutes of Meeting Number 578, March 13-14, 1959, from United States Public Health Service Senior Research Fellowship Grant SF-228 to United States Public Health Service Senior Research Fellowship Grant SF-288.

The following has been signed on behalf of the Dental Branch by John Victor Olson. I recommend your approval and ratification of signature:

2. United States Public Health Service Research Grant C-3366 (C-2) for \$6,210.00 for the period June 1, 1959 to May 31, 1960, inclusive, for research on "Experimental Induction of Neoplasma of Bone." This project is directed by Dr. George M. Higgins, Professor, Department of Anatomy (Dental Anatomy and Histology).

REASSIGNMENT OF DUTIES WITH PAY FOR ACADEMIC OR ADMINISTRATIVE PURPOSES IN EXCESS OF TWO WEEKS: I recommend approval of the following reassignment of duties:

1. Dr. Leon Kraintz, Assistant Professor, Department of Physiology (Physiology), be relieved from his ordinary duties at the Dental Branch for the period August 3-21, 1959, inclusive, and for that period be assigned to a special research project of the Dental Branch on "Salivary Gland-Parathyroid Relationships," at the International Congress of Physiological Sciences in Buenos Aires, Argentina. No funds requested.
2. Dr. Edward C. Hinds, Professor, Department of Surgery, be relieved from his ordinary duties at the Dental Branch, for the period July 11, 1959 to August 3, 1959, inclusive, and for that period be assigned to a special research project of the Dental Branch on "The Use of Perforated Tantalum Plate in Posttraumatic Facial Defects," at the International Congress of Plastic Surgeons at London, England. His travel expenses to be paid from the Squibb Institute for Medical Research Fund.

SCHOLARSHIPS: On recommendation of the Loan Committee, the following awards have been made:

1. Dr. Charles M. Alexander has been named recipient of a Patterson, Hettinger, Cary Scholarship Award for the year 1958-1959 in the amount of \$200.00.

2. Mr. John F. Young has been named recipient of a Jesse H. Jones Scholarship Award for men for the year 1958-1959 in the amount of \$500.00.

3. Mr. Jack H. Lyon has been named recipient of a Jesse H. Jones Scholarship Award for men for the year 1958-1959 in the amount of \$300.00.

TRANSFERS IN GENERAL REVENUE FUND APPROPRIATION: As provided by the 55th Legislature, Regular Session, House Bill 133, Article V, I recommend approval of the following transfer of funds:

From	Y-1747 - All Other General Administrative Salaries	<u>\$15,000.00</u>
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To	Y-1748 - Instructional Salaries	<u>\$15,000.00</u>
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OUT-OF-STATE TRIPS: I recommend your approval of the following out-of-state trips by the staff members listed below, their expenses to be paid from Miscellaneous General Expenses - Traveling Expenses, unless otherwise indicated:

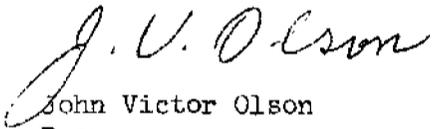
1. Dr. John V. Olson, Dean, September 8-10, 1959, to go to Boston, Massachusetts to attend the International Conference on Advanced Education for Dentists; September 10-19, 1959, inclusive, to go to New York City, New York to attend the annual meeting of the American Dental Association; November 4-10, 1959, inclusive, to go to Phoenix, Arizona to attend the Conference on Dental School Administration of the American Association of Dental Schools; the above meetings to be attended as an official representative of the Dental Branch; his expenses to be paid from Office of the Dean - Traveling.
2. Dr. Henry C. Browning, Professor, Department of Anatomy (General and Microscopic), May 20-25, 1959 to go to Ardmore, Oklahoma to attend the meeting of the Southwest Section of the American Association for Cancer Research as an official representative of the Dental Branch; June 5-17, 1959, inclusive, to go to Atlantic City, New Jersey, Cold Springs Harbor, New York and Bar Harbor, Maine to attend the Forty-first Annual Meeting of the Endocrine Society in Atlantic City; the Twenty-fourth Cold Spring Harbor Symposium on Quantitative Biology, Genetics and Twentieth Century Darwinism at Cold Springs Harbor; and a Symposium on "Some Problems of Normal and Abnormal Differentiation and Development," at Bar Harbor; his expenses to be paid from United States Public Health Service Research Grant C-2880 (C-2).
3. Dr. Elmer S. Wynne, Associate Professor, Department of Pathology (Microbiology), May 9-15, 1959, inclusive, to go to St. Louis, Missouri to attend the annual meeting of the Society of American Bacteriologists as an official representative of the Dental Branch and to obtain information to be used for research purposes; his expenses to be paid from United States Public Health Service Research Grant C-4468.
4. Dr. Donald C. Kroeger, Assistant Professor, Department of Physiology (Pharmacology), August 16-21, 1959, inclusive, to go to Cincinnati, Ohio to attend the annual meeting of the American Pharmaceutical Association and to present a scientific paper entitled "Serotonic Induced Apnea."
5. Dr. Heinz O. Beck, Professor, Department of Restorative Dentistry (Complete and Removable Multiple Restorations), September 10-18, 1959, inclusive, to go to New York City, New York to attend the meeting of the American Denture Society and present a scientific paper entitled "Selection of an Articulator and Jaw Registrations."

6. Dr. Edward C. Hinds, Professor, Department of Surgery, September 7-11, 1959, inclusive, to go to New York City, New York to attend the meeting of the American Board of Oral Surgeons, Committee of Examiners and the American Society of Oral Surgeons, Committee on Graduate Training as an official representative of the Dental Branch.

7. To correct Item 9, Page D-2 of the Dental Branch Docket from the Board of Regents Minutes of Meeting Number 579, April 17-18, 1959, to read as follows: Mr. William E. Morrison, Director of Audio Visual Division, June 12-21, 1959 to go to Bethesda, Maryland to participate in a television teaching seminar at the National Naval Medical Center, and to gain information to be used in the presentation of television at the Dental Branch.

8. Mr. Jack C. Miller, Assistant Professor, Outpatient Division, May 23-30, 1959, inclusive, to go to San Francisco, California to attend the meetings of the Medical and Psychiatric Sections of the National Association of Social Workers as an official representative of the Dental Branch and to obtain information for use in teaching at the Dental Branch.

Respectfully submitted,

  
John Victor Olson  
Dean

*see Copy*

2240

*Refer pp 2-7  
check pp 9 & 10 -*

**COPY**

- Post budget items -
- Certified excerpt to State Comptroller Page A-7
- File Clippings A-7, 8,
- Get Contracts on all Page 8 and 9

*6-11-59*

~~Thank you letters - check documentation - file clippings~~  
File Addendum.

The following docket is submitted for your approval and presentation to the Board of Regents at its meeting in Austin on June 12-13, 1959:

1958-59

Pathology

1. Appoint Dr. James J. Butler to the vacant position of Assistant Pathologist at a salary rate of \$11,000.00 for twelve months, effective July 1, 1959. The unused balance of \$5,500.04 is to be transferred to the Reserve for Salaries. (RBC 58)
2. Place Dr. Michael L. Ibanez, Assistant Pathologist, at a salary of \$9,000.00 for twelve months from the Department of Pathology and \$4,500.00 for twelve months from NCI Grant CS-9390 C2, on leave of absence without pay for the period May 12, 1959 to June 18, 1959, inclusive. (RBC 65)

Radiology

3. Change the source of funds for payment of the salary of Dr. Jose R. Herrera, Assistant Radiotherapist, from part-time in the Department of Radiology at \$8,500.00 for twelve months and part-time on NCI Grant CS 9270 C5 at \$1,500.00 for twelve months to part-time in the Department of Radiology at \$8,500.00 for twelve months and part-time on NCI Grant CS 9579 at \$1,500.00 for twelve months, effective June 1, 1959. (RBC 61)

Physics

4. Change the source of funds for payment of the salary of Earl R. Van Roosenbeek, Assistant in Physics at \$6,468.00 for twelve months, from NCI Grant CS 9270 C5 to the Department of Physics. Additional funds necessary are to come from the Reserve for Salaries Account. (RBC 60)
5. Increase the salary of Dr. Ronald M. Humphrey, Research Associate, from \$7,000.00 for twelve months to \$7,700.00 for twelve months, effective April 1, 1959. The additional funds needed to come from AEC Grant AT-(40-1)-2028. (RBC 62)
6. Terminate the appointment of Owen S. Hames, Senior Fellow at a salary of \$2,400.00 for twelve months from NCI Grant CS 9270 C5, and \$3,600.00 for twelve months from the William Heuermann Fund, effective April 20, 1959. (RBC 63)

Experimental Medicine

7. Change the status of Dr. Vasant M. Doctor, Associate Biochemist, from full time at \$8,500.00 for twelve months to 1/5 Time at \$1,900.00 for twelve months, effective April 1, 1959. Transfer the unused salary of \$2,750.04 in the position for Associate Biochemist to the Reserve for Salaries Account. Executive Committee Approved 5/21/59. (RBC 53)

Food Service

8. Place Muriel C. Pelham, Director, Dietetic Services, at a salary rate of \$5,328.00 for twelve months in the Department of Food Service and \$1,776.00 for twelve months in the Cafeteria, on leave of absence without pay for the period January 19, 1959, to February 28, 1959, inclusive. Transfer the unused funds in the Department of Food Service of \$630.22 to Reserve for Salaries. Transfer the unused funds in the Cafeteria of \$210.58 to Other Salaries - Cafeteria. (RBC 59)

Transfer from Unused Salaries to Maintenance and Equipment

8. Transfer the amounts as shown below in unfilled budget positions and the Reserve for Salaries Account to the indicated Maintenance and Equipment Accounts (RBC 64) :

SOURCE OF FUNDS (SALARIES)

<u>Department or Division</u>	<u>Departmental Line Item</u>	<u>Amount to be Transferred</u>
Section of Bacteriology	Research Bacteriologist	\$ 8,400.00
Experimental Anesthesiology	Clinical Physiologist (\$10,000.00)	6,000.00
Epidemiology	Biometrician (1/2 T.)	3,750.00
Office of Education	Director of Education (\$13,500.00)	7,500.00
Diagnostic Radiology	Fellow (Boyle)	3,600.00
Therapeutic Radiology	Fellow (Baghdassarian)	3,600.00
Anesthesiology Service	Fellow	3,600.00
Food Service	Cooks II (4) (\$10,464.00)	<u>8,000.00</u>
		\$44,450.00
Reserve for Salaries Account		<u>10,000.00</u>
		<u>\$54,450.00</u>

APPLICATION OF FUNDS (MAINTENANCE AND EQUIPMENT)

Blood Bank	\$ 8,000.00
Hospital Inpatient Services	6,000.00
Operating Suite	10,000.00
Clinic Outpatient Services	6,000.00
Food Service	15,000.00
Communications	<u>7,000.00</u>
	\$52,000.00
Reserve for Maintenance and Equipment Account	<u>2,450.00</u>
	<u>\$54,450.00</u>

OUT-OF-STATE TRIPS: I recommend approval of the following out-of state trips by staff members listed below, their expenses to be paid by the Maintenance and Travel Account unless otherwise specified:

1. Dr. Mary L. Alexander, Associate Biologist, June 2-11, to attend the Cold Spring Harbor Symposia on Quantitative Biology in Long Island, New York. Expenses payable from Grant AEC-(40-1)-1828.
2. Dr. David E. Anderson, Associate Biologist, April 26-27, to make semi-annual observations of animals for genetical study of cancer eye in El Reno, Oklahoma. Expenses payable from Grant C-2890 C2.
3. Dr. Daniel E. Bergsagel, Associate Internist in Department of Medicine, April 29 - May 2, to attend meeting of the Committee on Blood Dyscrasias of the American Medical Association in New York City, with expenses payable by American Medical Association; May 2-4, to attend the national meeting of the American Federation for Clinical Research in Atlantic City, New Jersey with expenses payable from the Maintenance and Travel account; May 5-6 to visit the laboratory of Dr. Benjamin Alexander in Boston, Massachusetts with expenses payable from NIH Grant H-4125.
4. Miss Nelliana Best, Assistant Director of Nursing Service, May 10-16, to attend the National League for Nursing Convention in Philadelphia, Pennsylvania. Per diem and one-half of travel are payable from the Maintenance and Travel Account.

5. Dr. Jane B. Blizard, Assistant Physicist, June 14-17 to New York City to confer with Dr. Helen Woodard of Sloane-Kettering on rat bone composition, bone marrow dose, and autoradiography; June 18-21 to attend the Society of Nuclear Medicine meeting in Chicago, Ill.
6. Mr. Joe E. Boyd, Jr., Administrator, March 30 - April 1, to New York City to confer with Buck Associates regarding the Physicians Referral Service. Expenses payable from Physicians Referral Service.
7. Mr. Joe E. Boyd, Jr., Administrator, April 26-29, to visit the International Business Machines factory in San Jose, California for initial testing of the IBM RAMAC programming prior to installation; April 30, to attend conference at Main University in Austin with Dr. Dolley and Dr. Clark.
8. Dr. Jeffrey P. Chang, Research Associate in Department of Pathology, April 9-18, to attend the American Association for Cancer Research Annual Meeting in Atlantic City, New Jersey; April 19, to attend Histochemistry Society Federation; and April 20-23, to attend International Academy of Pathology Meeting, both in Boston, Massachusetts. Expenses payable from NCI Grant CS-9494 (C).
9. Dr. Arthur Cole, Assistant Physicist, May 17-20, to attend meeting of Radiation Research Society in Pittsburgh, Pennsylvania.
10. Miss Lora-Frances Davis, Medical Librarian, June 12-20, to attend the 58th. annual meeting of the Medical Library Association in Toronto, Canada. Trip outside the continental limits of the United States to be at no expense to the institution.
11. Dr. Vasant M. Doctor, Associate Biochemist, April 7-12, to attend the Annual Meeting of American Association for Cancer Research; April 13-19, to attend the annual meeting of the American Society of Biological Chemists, both meetings in Atlantic City, New Jersey. Expenses payable from NCI Grant C-3048.
12. Dr. Gerald D. Dodd, Associate Radiologist, April 14-18, to Medical Centers in Philadelphia, Pennsylvania and New York City to investigate the techniques and operation of the Philips 9" Fluoroscopic Image Intensifier, which equipment will be installed in this hospital in the near future.
13. Dr. C. O. Doudney, Associate Biologist, May 31 - June 4, to attend a Symposium on "Structure and Function of Genetic Elements" at Brookhaven National Laboratory in Upton, New York.
14. Dr. C. O. Doudney, Associate Biologist, August 1-9, to attend Gordon Conference on Biochemistry in Meridan, New York. Travel expenses only, payable from AEC Grant AT-(40-1)-2139; other expenses payable by the Conference.
15. Dr. Nylene E. Eckles, Research Internist in Department of Medicine, April 9-12, to attend the Annual Meeting of the American Association for Cancer Research in Atlantic City, New Jersey; April 13, to visit the National Cancer Institute in Bethesda, Maryland. Expenses payable from NCI Grant CY - 3163 C.
16. Dr. Jess F. Gamble, Associate Internist in Department of Medicine, April 12-15, to attend meeting of the Bone Marrow Transplantation Group in Atlantic City, New Jersey.
17. Mr. Clifford E. Grey, Engineer Designer in Section of Virology and Electron Microscopy, April 9-13, to attend the 49th. annual meeting of the American Association of Cancer Research in Atlantic City, New Jersey.

18. Mr. Clifford E. Grey, Engineer Designer in Section of Virology and Electron Microscopy, May 22-24, to attend the meeting of the Southwest Section of the American Association for Cancer Research in Ardmore, Oklahoma.
19. Dr. A. Clark Griffin, Biochemist, May 21-23, to preside at the Regional meeting of the Southwest Section of the American Association for Cancer Research in Ardmore, Oklahoma. Expenses from Grant ACS-209.
20. Dr. Felix L. Haas, Biologist, May 30 - June 5, to attend the Brookhaven Symposia in Biology in Upton, Long Island, New York. Expenses payable from NCI Grant C-3323.
21. Mr. H. M. Hallmark, Comptroller, April 26-29, to visit the International Business Machines factory in San Jose, California for initial testing of the IBM RAMAC Program prior to installation.
22. Dr. John E. Healey, Jr., Associate Experimental Surgeon, June 7-9, to visit Dr. Ivan Brown of Duke University, Durham, North Carolina, to learn the use of the blood heat-exchanger; June 10-15, to attend the American Medical Association meeting in Atlantic City, New Jersey.
23. Dr. Clifton D. Howe, Internist in Department of Medicine, April 9-12, to attend meeting of the American Association of Cancer Research in Atlantic City, New Jersey.
24. Dr. R. M. Humphrey, Research Associate in Physics, May 17-20, to attend meeting of Radiation Research Society in Pittsburgh, Pennsylvania. Expenses payable from AEC Grant AT-(40-1)-2028.
25. Dr. Robert B. Hurlbert, Assistant Biochemist, April 9-12, to attend meeting of the American Association for Cancer Research; April 13-18, to attend the American Society of Biological Chemists Federation Meeting; both meetings in Atlantic City, New Jersey. Expenses payable from ACS Grant P-146A.
26. Dr. Robert B. Hurlbert, Assistant Biochemist, May 21-23, to attend meeting of the Southwest Section of American Association for Cancer Research in Ardmore, Oklahoma.
27. Dr. Michael L. Ibanez, Assistant Pathologist, April 18-26, to attend the Annual Meeting of the International Academy of Pathology in Boston, Massachusetts.
28. Dr. Noriaki Ida, Research Fellow in Pediatrics, April 8-13, to attend the meeting of the American Association for Cancer Research in Atlantic City, New Jersey. Travel expenses payable from NCI Grant 2986 C2.
29. Dr. Sadahisa Kawamoto, Research Fellow in Pediatrics, April 9-13, to attend the meeting of the American Association for Cancer Research in Atlantic City, New Jersey. Expenses payable from NCI Grant 2986 C2.
30. Dr. Saul Kit, Associate Biochemist, May 22-24, to attend the Tenth Anniversary Meeting of the Southwest Section of the American Association for Cancer Research in Ardmore, Oklahoma.
31. Mr. Arthur F. Kleifgen, Associate Administrator, March 30-April 1, to New York City to confer with Buck Associates regarding the Physicians Referral Services. Expenses payable from Physicians Referral Service.

32. Correct item 18, page A-4, Minutes of Meeting 578 to read: Mr. R. A. Kolvoord, Head of Medical Communications, February 27-March 3, to attend conference at National Institutes of Health in Bethesda, Maryland on "The Future of Television in Postgraduate Medical Education", sponsored by the American Academy of General Practice and the Institute for Advancement of Medical Communications.
33. Mr. John W. Ladd, Jr., Assistant Chief Pharmacist, August 2-8, to attend the Institute on Hospital Pharmacy sponsored by the American Hospital Association in cooperation with the American Pharmaceutical Association and the American Society of Hospital Pharmacists at the University of Chicago in Chicago, Illinois.
34. Miss Marjorie Lay, Research Technician in Pediatrics, April 9-13, to attend the meeting of the American Association for Cancer Research in Atlantic City, New Jersey. Expenses payable from NCI Grant 2986 C2.
35. Miss Eleanor J. Macdonald, Epidemiologist, May 13-15, to attend the annual meeting of the End Results Group at the National Institutes of Health in Bethesda, Maryland with expenses payable by the National Institutes of Health; May 16-20, to New York City to consult with Dr. Donald Mainland, Professor of Medical Statistics at the New York University College of Medicine, with expenses payable from the Maintenance and Travel Account.
36. Dr. Lyman A. Magee, Fellow in Virology and Electron Microscopy, May 21-24, to attend the meeting of the Southwest Section of the American Association for Cancer Research in Ardmore, Oklahoma. Expenses payable from NCI Grant C-4140.
37. Mr. James D. McKinley, Jr., Chief Pharmacist, August 15-22, to attend the Annual meeting of the American Society of Hospital Pharmacists and the American Pharmaceutical Association in Cincinnati, Ohio.
38. Dr. E. C. Moore, Fellow in Biochemistry, April 9-17, to attend meetings of the American Association for Cancer Research and Federation Meetings in Atlantic City, New Jersey. Expenses payable from Welch Foundation Grant G-035.
39. Correct item 15, page A-2, Minutes of Meeting 579 to read: Mr. E. H. Munger, Laundry Manager, April 21-26, to attend the National Association of Institutional Laundry Managers Conference in Tulsa, Oklahoma.
40. Dr. Robert S. Nelson, Associate Internist, Department of Medicine, June 3-8, to attend the American Gastroenterological Association meeting in Atlantic City, New Jersey.
41. Dr. Shotaro Neriishi, Research Fellow in Pediatrics, April 8-13, to attend the meeting of the American Association for Cancer Research in Atlantic City, New Jersey. Travel expenses payable from NCI Grant 2986 C2.
42. Dr. Nubuo Oda, Research Fellow in Pediatrics, April 9-13, to attend the meeting of the American Association for Cancer Research in Atlantic City, New Jersey. Expenses payable from NCI Grant 2986 C2.
43. Mrs. Eula S. O'Donnell, Senior Medical Caseworker in Medical Social Service, June 13-20, to serve as Assistant Chairman of the Southern Regional Family Service Institute in Blue Ridge, North Carolina.

44. Dr. William O. Russell, Pathologist-in-Chief, April 16-17, to meet in Washington, D. C. with Dr. Arthur S. Osborne, Department of Public Health, with reference to the international distribution of Cytology Brochure; April 18-26, to attend the 49th. Annual Meeting of International Academy of Pathology in Boston, Massachusetts.
45. Dr. W. K. Sinclair, Chief Physicist, May 16-17, to attend Board meeting of American Association of Physicists in Medicine; May 18-20, to attend meeting of Radiation Research Society, both meetings in Pittsburgh, Pennsylvania; May 21, to visit the Biology and Medicine Division of the Argonne National Laboratory in Lemont, Illinois to discuss RBE experiments. Expenses payable from AEC Grant AT-(40-1)-2028.
46. Mr. Philip E. Skinner, Research Technician in Biology, April 17, to conduct semi-annual observations of the progeny in the genetical study of "Cancer Eye" in El Reno, Oklahoma. Travel expenses payable by Oklahoma State University and per diem from NCI Grant C-2890 C2.
47. Mr. Philip E. Skinner, Research Technician in Biology, April 23-25 and May 14-15, to El Reno, Oklahoma from Stillwater, Oklahoma, to conduct semi-annual observations of animals in the "Cancer Eye" study. Expenses payable from NCI Grant C 2890 C2.
48. Dr. J. Leslie Smith, Jr., Assistant Pathologist, April 18-21, to attend meeting of the International Academy of Pathology in Boston, Massachusetts; April 22-26, to discuss plans and progress of November Dermatopathology Seminar to be held at M. D. Anderson Hospital, with Dr. E. B. Helwig in Washington, D. C.
49. Dr. John S. Stehlin, Jr., Assistant Surgeon, April 1-5, to attend the meeting of the James Fwing Society in New York City. Expenses payable from NCI Grant 2620 C3.
50. Dr. Margaret P. Sullivan, Assistant Pediatrician, May 3-5, to confer with Dr. Mila Pierce on the Acute Leukemia Cooperative Study in Chicago with expenses payable from the Study Grant; May 6-12, to attend meetings of the American Pediatric Society, Society of Pediatric Research and The Acute Leukemia Chemotherapy Study Group in Buckhill Falls, Pennsylvania with per diem payable from the Maintenance and Travel Account.
51. Dr. W. W. Sutow, Associate Pediatrician, April 8-14, to attend meeting of the American Association for Cancer Research in Atlantic City, New Jersey. Expenses payable from NCI Grant 3713-C1.
52. Dr. John A. Sykes, Research Associate in Virology and Electron Microscopy, April 7-13, to attend the meeting of the Tissue Culture Association in Atlantic City, New Jersey. Expenses payable from NCI Grant C-1751 C5 and C-2952.
53. Dr. John A. Sykes, Research Associate in Virology and Electron Microscopy, May 22-24, to attend the meeting of the South-west Section of the American Association for Cancer Research in Ardmore, Oklahoma. Expenses payable from NCI Grant C-4140.
54. Dr. Grant Taylor, Pediatrician, April 10-12, to attend meeting of the American Association of Cancer Research and meeting of Clinical Studies Panel in Atlantic City, New Jersey. Expenses payable from NCI Grant CY-3754 CY.
55. Mr. Edward Williams, Accountant II. in Business Office, April 25-29, to visit the International Business Machines factory in San Jose, California for initial testing of the IBM RAMAC programming prior to installation.
56. Dr. R. Lee Clark, Jr., May 31 - June 4, to attend meetings of Executive Committee of American College of Surgeons Committee on Cancer and Professional Education Committee of American Cancer Society, Boston, Massachusetts; June 5 - 7, to participate in meeting of Cancer Institute Directors at Roswell Park Memorial Hospital, Buffalo, New York.

57. Correct item 22, page A-2, Minutes of Meeting 579 to read as follows: Mrs. Edna P. Wagner, Director, Medical Social Services, March 23-29, to New Orleans, Louisiana to confer with faculty members of Tulane University School of Social Work regarding student program and to interview prospective social workers for the staff.

58. Miss Mary L. Yates, Senior Case Worker in Medical Social Service, June 13-18, to attend meeting of Southern Regional Postgraduate Medical Social Work institute in New Orleans, Louisiana.

59. Mr. Paul W. Yoder, Personnel Manager, June 25 - July 4, to attend Annual College and University Personnel Association Meeting at the University of Virginia in Charlottesville, Virginia.

60. Dr. Kazuo Yunoki, Fellow in Biochemistry, May 21-23, to attend meeting of the Southwest Section of the American Association for Cancer Research in Ardmore, Oklahoma. Expenses payable from ACS Grant P-209.

REASSIGNMENT OF DUTIES WITH PAY IN EXCESS OF TWO WEEKS: I recommend approval of the following reassignment of duty of the staff members indicated:

1. Relieve Dr. Lillian M. Fuller, Assistant Radiotherapist, from her regular duties at The University of Texas M. D. Anderson Hospital and Tumor Institute, for the period July 13, 1959 through August 3, 1959, and for that period reassign her to a special research project of The University of Texas M. D. Anderson Hospital and Tumor Institute in Europe. Dr. Fuller will present a paper prepared by Dr. Gilbert Fletcher entitled "Supervoltage Roentgen Therapy in Oropharynx Cancers" at the International Congress of Radiology in Munich, Germany July 23-30, 1959; July 31 - August 3, she will visit Betatron centers in Europe having both X-Ray and Electron Beams and will also visit a number of hospitals and research centers to discuss problems and techniques in radiotherapy. Travel beyond the continental limits of the United States will be at no expense to the institution.

2. Relieve Miss Eleanor J. Macdonald, Epidemiologist, from her regular duties at The University of Texas M. D. Anderson Hospital and Tumor Institute, for the period July 20, 1959 through August 7, 1959, and for that period reassign her to a special research project of this institution. On July 20, Miss Macdonald will consult with Dr. Donald Mainland, New York University College of Medicine covering the cytology study in progress at this institution; July 21 - August 7, she will attend the meeting of the International Congress of Radiology in Munich, Germany and will present a paper "Method of Analysis for Evaluation of Treatment in Oropharynx Cancers". Travel beyond the continental limits of the United States will be at no expense to the institution.

TRANSFER IN GENERAL REVENUE FUND APPROPRIATION:

Under the provisions of Article V., Section 1, of House Bill No. 133, Acts of the 55th. Legislature, Regular Session, (Page 1105 of the General and Special Laws of the State of Texas) it is requested that the following transfer of Legislative Appropriations be approved:

FROM:

Y-4209 The Tumor Institute \$110,000.00

TO:

Y-4211 General Operating Expenses  
(Includes Other Salaries  
and Wages) \$110,000.00

PAYMENT TO WEEKS, BIRD, CANNON AND APPLEMAN

A statement in the amount of \$3,500.00 has been rendered by the legal firm of Weeks, Bird, Cannon, and Appleman of Fort Worth, Texas, for services rendered by Mr. Benjamin L. Bird in connection with his investigations and actions relating to the tax status of the University Cancer Foundation and the Physicians Referral Service. Mr. Bird's services were authorized by the Board of Regents at meetings on May 4-5, 1957, June 26-29, 1957, and November 21-22, 1957. It is recommended that the amount of \$3,500.00 be paid equally from the Physicians Referral Service and the University Cancer Foundation, since both were equally served. 76.2

CLASSIFIED PERSONNEL PROGRAM:

It is requested that the attached schedule of salary ranges for positions in the Classified Personnel Service for the fiscal year 1959-60 be approved. The changes reflected in this schedule are considered necessary due to the local labor situation. 4

GOVERNMENT CONTRACTS AND GRANTS: The following contracts, grants and amendments have been negotiated by the Business Manager and have been signed by the Director upon the recommendation of the contract director and the business manager, and approved by the Comptroller and President. I recommend your approval and ratification of signatures:

1. Grant No. BM-59-59, by which the United States Atomic Energy Commission provides \$8,935.00 for course work to be performed under the direction of Dr. Warren K. Sinclair. 1129.1

2. Grant No. C-4464, Bio II, by which the National Cancer Institute provides \$10,141.00 for the period April 1, 1959 to March 31, 1960, for research on "Cytidine Nucleotides and the Biosynthesis of DNA", to be directed by Doctors R. B. Hurlbert and E. C. Moore. 11560

3. Grant No. C-4484, by which the National Cancer Institute provides \$23,346.00 for the period April 1, 1959 to March 31, 1960, for research on "Radiosensitivity of Normal and Malignant Cells", to be directed by Doctors Warren K. Sinclair and T. C. Hsu. 11571

4. Grant No. CS-9579, by which the National Cancer Institute extends the expiration date for six months, without additional funds, resulting in the new period covered by this grant to be from June 1, 1958 through November 30, 1959, under the direction of Dr. Gilbert H. Fletcher. 117c

5. Grant No. CY-3163 C1 by which the National Cancer Institute extends the expiration date for three months, without additional funds, resulting in the new period covered by this grant to be from December 1, 1957 to August 31, 1959, under the direction of Dr. Nylene E. Eckles. 120F

CONTRACTS AND AGREEMENTS (ACADEMIC) NONGOVERNMENT SPONSORED, INCLUDING RESEARCH GRANTS DISTINGUISHABLE FROM GIFTS:

CONTRACTS: The following contracts have been executed on behalf of The University of Texas M. D. Anderson Hospital and Tumor Institute by the Director. I recommend approval and ratification of signature:

1. ACS Grant No. T-72, by which the American Cancer Society approves the appointment of Dr. Darrell N. Ward as the investigator responsible for continuing the research being supported under this grant, formerly under the direction of Dr. Thomas S. Osden, resigned. This grant expires on August 31, 1959.

2. Welch Foundation Grant No. G-051 "Individuality of Human Serum Albumins", renewed for Dr. Bruno Jirgensons in the amount of \$7,880.00 for the period May 1, 1959 through April 30, 1960, this being the third year renewal for this research grant.

*filed in M. D. Fuller*

3. Grant from Hoffman-LaRoche, Inc., Nutley, 10, New Jersey for a study of the use of Madribor in urinary tract infections, in the sum of \$7,250.00 under the direction of Dr. Felix Rutledge, for the period of one year.

*MDA-81a*

4. Grant No. DRG-269E, "Cytology of Cell Populations", by which the Damon Runyon Memorial Fund for Cancer Research, Inc. approved the renewal of this grant for the period June 1, 1959 through May 31, 1960, under the direction of Dr. T. C. Hsu, in the amount of \$13,300.00.

RECEIPT OF BEQUEST FROM ESTATE OF MRS. ESTHER SLEVIN STADTLER:

A check in the amount of \$12,500.00 has been received from Mr. Samuel C. Bonnette, Vice President and Trust Officer of the Houston Bank and Trust Company, Main at Jefferson, Houston 2, Texas, in full payment of the bequest made to M. D. Anderson Hospital and Tumor Institute in the will of Mrs. Esther Slevin Stadtler for the "Robert and Esther Stadtler Lectures". This bequest was accepted by the Board of Regents at their meeting of September 19-20, 1958, and the conditions of the bequest are stated in the minutes of that meeting. These funds have been forwarded to The University of Texas Endowment Office for investment in accordance with the terms of the will.

GIFTS: I recommend acceptance of the following gifts and that the appreciation of the Board be sent to the donor by the Secretary:

1. \$1,000.00 from Astra Pharmaceutical Products, Inc., % Mr. Borje F. Jalar, President, Neponset Street, Worcester 6, Massachusetts first donation (not previously reported) toward the cost of production of color film "Regional Block Anesthesia in Dentistry" under the direction of the Department of Anesthesiology. (See item 12.)

*MDA-59.b*  
*1/20*

2. \$124.37 from Mrs. A. C. Martindale, Mother Advisor, Houston Heights Assembly # 10, Order of Rainbow Girls of 1019 Dorothy Street, Houston, Texas for "Various Donors for Volunteer Services" to purchase record player and table radio. This money was earned by Miss Lynda Martindale as her Charity Project.

*MDA-40*

3. \$1,000.00 from Mr. and Mrs. St. John Garwood of 2213 Windsor Road, Austin, Texas forwarded by Mr. Ben Barbee, Division President of Paymaster Feed Mills, 206 Crescendo Building, Abilene, Texas for James E. Anderson Memorial Fund of the "Various Donors for Reactor Study Fund".

*MDA-75a*

4. \$5,000.00 from McAshan Educational and Charitable Trust, % Mr. Leland Anderson of Anderson, Clayton and Company, Post Office Box 2538, Houston 1, Texas for "McAshan Educational and Charitable Trust for the Care of Negro Patients".

*MDA-46a*

5. \$250.00 from Mrs. Alice B. Messina of 9851 Warwana Road, Houston 24, Texas, for the "Various Donors for Cancer Research" in memory of her husband, Mr. Jack C. Messina.

*MDA-64*

6. \$742.50 from the M. D. Anderson Foundation, % Mr. Carroll D. Simmons, Fiscal Agent for the M. D. Anderson Foundation, First City National Bank, Houston, Texas for the "Mrs. Harry C. Weiss Fund for Cancer Research". This income represents the first quarter dividends of 1959 from stock held by the foundation.

*MDA-79*

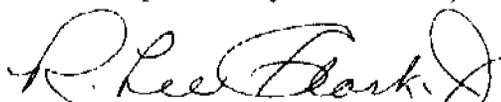
7. \$300.00 from The Partners of Merrill Lynch, Pierce, Fenner & Smith Foundation, Inc., % Mr. Jack Wiggin, 3734 Willowick Drive, Houston, Texas for "Unallocated Funds".

*MDA-72*

*Mellen write*

8. \$848.89 from the Order of the Eastern Star Handicraft Program, % Mrs. Lyda Westherby, Chairman, 1931 West Lamar, Houston, Texas for "Eastern Star Fund for Handicraft Program" whereby a part-time instructor is employed for this program at this hospital. MDA-47
9. \$1,000.00 from Victor A. Tanny, Vic Tanny's Gyms, 9356 Santa Monica Blvd., Beverly Hills, California, to the University Cancer Foundation, for furthering and maintaining a distinguished scientific staff. MDA-40
10. \$131.00 from Robstown Community Fund, % Mr. Joe E. Jessel, President, Post Office Box 791, Robstown, Texas for "Robstown Community Fund for Research in Chemotherapy". MDA-75b
11. \$150.00 from Gamma XI Chapter of Beta Sigma Phi, % Lenny Schroeck, 2218 Monticello Drive, Houston 25, Texas as final payment on pledge for "Building and Equipment Fund". MDA-63
12. \$1,488.00 from Astra Pharmaceutical Products, Inc., % Mr. Borje F. Jalar, President, Neponset Street, Worcester 6, Massachusetts, for full and final payment for the cost of production of color film "Regional Block Anesthesia in Dentistry" under the direction of the Department of Anesthesiology. (See item 1.) MDA-59b
13. \$2,500.00 from Mr. Seymour Weiss, The Roosevelt Hotel, New Orleans 9, Louisiana to the University Cancer Foundation for furthering and maintaining a distinguished scientific staff. MDA-723
14. \$500.00 from Mr. Robert S. Anderson, 901 Cotton Exchange Bldg., Memphis, Tennessee for the University Cancer Foundation, in memory of James Anderson. MDA-723
15. \$1,940.00 from The Students of Rice Institute, % Mr. Wayne Hanson, President of Student Association, 6100 S. Main Street, Houston, Texas, given in memory of Mr. G. F. Alsbrook, for "Various Donors for Cancer Research" Fund. MDA-64
16. \$250.00 from Southwest Houston Charities, Inc., % Mr. Edward Schulenburg, President, 826 Esperson Building, Houston, Texas, a donation to "Volunteer Services" for their work in supplying gifts for hospital patients during the 1969 Holiday season. MDA-40
17. \$200.00 from Mrs. B. F. Love, 808 E. Friar Tuck, Houston, Texas to the "Unallocated Gift" Fund. MDA-72
18. \$129.00 from the American Legion Auxiliary, Unit # 113, % Mrs. Ola R. Miller, Treasurer, 105 Arena, Lufkin, Texas to the "Various Donors for Patient Welfare" Fund. MDA-70

Respectfully submitted,

  
R. Lee Clark, Jr., M. D.,  
Director

September, 1959

SALARY RANGES FOR  
POSITIONS IN THE CLASSIFIED SERVICE

THE UNIVERSITY OF TEXAS

The M. D. Anderson Hospital and Tumor Institute

Introduction

This tabulation presents the assignments of classes of work to appropriate ranges of compensation. The first column shows the schematic number of the class by which it may be located in the book of class descriptions. The second column contains the class title. The third column presents the minimum and maximum monthly rates of pay for each of the classes. The fourth column shows the annual rates. The final column gives the range number.

(See Table No. 1 for RANGE  
Intermediate Steps)

<u>CLASS</u>		<u>MONTHLY</u>	<u>ANNUAL</u>	<u>RANGE NUMBER</u>
OXXX	<u>CLERICAL, FISCAL, AND ADMINISTRATIVE SERVICE</u>			
OOXX	<u>Clerical and General Administrative Group</u>			
0000	Clerical Assistant	181-230	2172-2760	17
0001	Clerk	210-264	2520-3168	20
0002	Senior Clerk	264-335	3168-4020	25
0003	Administrative Clerk	277-351	3324-4212	26
0010	Clerk Typist	230-290	2760-3480	22
0011	Senior Clerk Typist	264-335	3168-4020	25
0012	Medical Typist	264-335	3168-4020	25
0013	Medical Secretary	290-367	3480-4404	27
0021	Secretary	277-351	3324-4212	26
0022	Senior Secretary	320-404	3840-4848	29

— 195-8 (Sept)

RANGE  
(See Table No. 1 for Intermediate Steps)

<u>CLASS</u>		<u>MONTHLY</u>	<u>ANNUAL</u>	<u>RANGE NUMBER</u>
<u>00XX</u>	<u>Clerical and General Administrative Group (Cont'd)</u>			
0023	Executive Assistant	<u>445-565</u>	5340-6780	36
0030	Personnel Assistant	<u>385-490</u>	4620-5880	33
0040	Assistant Supervisor, Volunteer Services <i>NEW</i>	335-424	4020-5088	30
0050	Administrative Assistant	335-424	4020-5088	30
0051	Hospital Administrative Assistant	445-565	5340-6780	36
0052	Assistant Administrator	514-650	6168-7800	39
0061	<u>Associate</u> Editor	385-490	4620-5880	33
<u>01XX</u>	<u>Fiscal and Accounting Group</u>			
0100	Accounting Clerk I	220-277	2640-3324	21
0101	Accounting Clerk II	277-351	3324-4212	26
0105	Accountant I	385-490	4620-5880	33
0106	Accountant II	445-565	5340-6780	36
0109	Assistant Auditor	467-592	5604-7104	37
0110	Auditor	514-650	6168-7800	39
<u>02XX</u>	<u>Statistical Group</u>			
0200	Statistical Clerk	220-277	2640-3324	21
0201	Statistician	264-335	3168-4020	25
0205	Assistant Epidemiologist	351-445	4212-5340	31
<u>03XX</u>	<u>Office Equipment Operation Group</u>			
0300	Switchboard Operator	210-264	2520-3168	20
0301	Chief Switchboard Operator	241-304	2892-3648	23
0310	Key Punch Operator	230-290	2760-3480	22
0320	Tabulating Equipment Operator	277-351	3324-4212	26
0325	Machine Accountant	385-490	4620-5880	33
0330	Multilith Operator	335-424	4020-5088	30
0331	Print Shop Supervisor	351-445	4212-5340	31

RANGE  
(See Table No. 1 for Intermediate Steps)

<u>CLASS</u>		<u>MONTHLY</u>	<u>ANNUAL</u>	<u>RANGE NUMBER</u>
<u>04XX</u>	<u>Stores and Procurement Group</u>			
0400	Warehouseman-Storekeeper	264-335	3168-4020	25
0405	Supply Supervisor	335-424	4020-5088	30
0410	Assistant Supply Manager	367-467	4404-5604	32
<u>05XX</u>	<u>Medical Records Group</u>			
0500	Assistant Medical Records Librarian	290-367	3480-4404	27
0505	Medical Records Librarian	367-467	4404-5604	32
<u>IXXX</u>	<u>HOSPITAL AND CLINIC SERVICE</u>			
<u>10XX</u>	<u>Nursing Group</u>			
1000	Nurse Attendant	142-181	1704-2172	12
1001	Orderly	172-220	2064-2640	16
1005	Vocational Nurse	181-252	2172-3024	17
1010	Staff Nurse	<u>304-385</u>	3648-4620	28
1020	Head Nurse	351-445	4212-5340	31
> 1025	Assistant Nurse Supervisor	<u>385-490</u>	4620-5880	33
> 1026	Nurse Supervisor	<u>424-539</u>	5088-6468	35
1030	Assistant Director, Nursing Service	<u>514-650</u>	6168-7800	39
1040	Nurse Anesthetist	<u>445-565</u>	5340-6780	36
1041	Nurse Anesthetist Supervisor	514-650	6168-7800	39
<u>11XX</u>	<u>Pharmaceutical Group</u>			
1100	Pharmacy Technician	200-252	2400-3024	19
1101	Pharmacist	490-620	5880-7440	38
1103	Assistant Chief Pharmacist	514-650	6168-7800	39
<u>12XX</u>	<u>Radiology Group</u>			
1200	X-Ray Technician	<u>290-367</u>	3480-4404	27
1204	Assistant Chief X-Ray Technician	351-445	4212-5340	31

RANGE  
(See Table No. 1 for Intermediate Steps)

<u>CLASS</u>		<u>MONTHLY</u>	<u>ANNUAL</u>	<u>RANGE NUMBER</u>
1205	Chief X-Ray Technician	<del>385-490</del>	4620-5880	33
1210	X-Ray Therapy Technician	304-385	3648-4620	28
1211	Senior X-Ray Therapy Technician	335-424	4020-5088	30
1215	Chief X-Ray Therapy Technician	424-539	5088-6468	35
1216	Mold Room-Dosimetry Technician	<u>351-445</u>	4212-5340	31
1217	Senior Dosimetrist	<u>445-565</u>	5340-6780	36
1220	Radium Curator	367-467	4404-5604	32
<u>13XX</u>	<u>Social Service Group</u>			
1300	Case Aide	230-290	2760-3480	22
1303	Senior Case Aide	<u>304-351</u>	3648-4212	28
1305	Social Worker	<u>445-514</u>	5340-6168	36
1307	Senior Social Worker	467-539	5604-6468	37
1310	Case Supervisor	514-650	6168-7800	39
<u>14XX</u>	<u>Diagnostic Clinic Group</u>			
1404	Electrocardiograph Technician	200-252	2400-3024	19
1405	Senior Electrocardiograph Technician	241-304	2892-3648	23
<u>15XX</u>	<u>Physical Therapy Group</u>			
1510	Physical Therapy Technician	290-367	3480-4404	27
1520	Senior Physical Therapy Technician	367-467	4404-5604	32
<u>2XXX</u>	<u>RESEARCH AND SCIENTIFIC SERVICE</u>			
<u>20XX</u>	<u>Laboratory Services Group</u>			
2000	Animal Caretaker	172-220	2064-2640	16
2005	Laboratory Attendant	123-164	1536-1968	10
<u>21XX</u>	<u>Diagnostic Laboratory Group</u>			
2100	Apprentice Technician	50-200	600-2400	*See Footnote

RANGE  
(See Table No. 1 for Intermediate Steps)

<u>CLASS</u>		<u>MONTHLY</u>	<u>ANNUAL</u>	<u>RANGE NUMBER</u>
<u>21XX</u>	<u>Diagnostic Laboratory Group (Cont'd)</u>			
2101	Histology Technician	<u>290-367</u>	3480-4404	27
2103	Chief Histology Technician	<u>385-490</u>	4620-5880	33
2105	Cytology Technician	290-367	3480-4404	27
2107	Chief Cytology Technician	385-490	4620-5880	33
2110	Medical Technologist I	277-351	3324-4212	26
2111	Medical Technologist II	351-445	4212-5340	31
2112	Medical Technologist III	385-490	4620-5880	33
2115	Chief Medical Technologist	445-565	5340-6780	36
2117	Diener	190-241	2280-2892	18
<u>22XX</u>	<u>Research Laboratory Group</u>			
2200	Research Technician I	241-367	2892-4404	23
2201	Research Technician II	<u>351-467</u>	4212-5604	31
2203	Research Assistant	<u>404-592</u>	4848-7104	34
2205	Laboratory Assistant	164-241	1968-2892	15
2215	Junior Physicist	<u>445-565</u>	5340-6780	36
2220	Electronic Physicist	<u>445-565</u>	5340-6780	36
<u>23XX</u>	<u>Medical Communications Group</u>			
2305	Photographic Technician	210-264	2520-3168	20
2309	Assistant Photographer	277-351	3324-4212	26
2310	Photographer	385-490	4620-5880	33
2315	Medical Photographer	404-514	4848-6168	34
2320	Artist	264-335	3168-4020	25
2322	Senior Artist	445-565	5340-6780	36
2325	Medical Artist	351-445	4212-5340	31
2333	Audio Visual Aids Inspector	<u>252-320</u>	3024-3840	24
2334	Assistant Audio Visual Aids Librarian	<u>241-304</u>	2892-3648	23

RANGE

(See Table No. 1 for Intermediate Steps)

<u>CLASS</u>		<u>MONTHLY</u>	<u>ANNUAL</u>	<u>RANGE NUMBER</u>
<u>23XX</u>	<u>Medical Communications Group (Cont'd)</u>			
2335	Audio Visual Aids Librarian	<u>304-385</u>	3648-4620	28
2340	Projectionist	220-277	2640-3324	21
2344	Program Director-Television	367-467	4404-5604	32
2345	Slide Sequence Cameraman	385-490	4620-5880	33
2346	Motion Picture Cameraman	445-565	5340-6780	36
2349	Electronics Engineer	445-565	5340-6780	36
2350	Supervisor, Visual Aids Production Laboratory	514-650	6168-7800	39
<u>3XXX</u>	<u>ENGINEERING, TRADES AND LABOR GROUP</u>			
<u>30XX</u>	<u>Engineering Group</u>			
3000	Draftsman	304-385	3648-4620	28
3010	Engineer Designer	<u>514-650</u>	6168-7800	39
<u>31XX</u>	<u>Plant Operator Group</u>			
3100	Apprentice Stationary Engineer	241-277	2892-3324	*See Footnote
3101	Stationary Fireman	304-351	3648-4212	28
3105	Stationary Engineer	351-445	4212-5340	31
3107	Stationary Engineer Foreman	404-514	4848-6168	34
3110	Equipment Maintenance Chief	<u>490-650</u>	5880-7800	38
3111	Building Maintenance Chief	445-565	5340-6780	36
3115	Master Mechanic	445-565	5340-6780	36
<u>32XX</u>	<u>Labor and Trades Group</u>			
3200	Laborer	172-220	2064-2640	16
3205	Driver	190-241	2280-2892	18
3207	Mechanic Helper	200-252	2400-3024	19
3210	Carpenter	304-385	3648-4620	28
3215	Electrician	320-404	3840-4848	29
3220	Painter	304-385	3648-4620	28

RANGE  
(See Table No. 1 for Intermediate Steps)

<u>CLASS</u>		<u>MONTHLY</u>	<u>ANNUAL</u>	<u>RANGE NUMBER</u>
<u>32XX</u>	<u>Labor and Trades Group (Cont'd)</u>			
3221	Maintenance Man	304-385	3648-4620	28
3225	Plumber	335-445	4020-5340	<del>29</del> 30
3227	Refrigeration Mechanic	367-467	4404-5604	32
3230	Precision Machinist	351-490	4212-5880	31
3232	Machinist	304-385	3648-4620	28
<u>4XXX</u>	<u>CUSTODIAL, LAUNDRY AND FOOD SERVICE</u>			
<u>40XX</u>	<u>Laundry Group</u>			
4000	Laundry Worker	128-210	1536-2520	10
4005	Washman	200-252	2400-3024	19
4008	Laundry Worker Supervisor	200-252	2400-3024	19
4010	Laundry Manager	<u>424-565</u>	5088-6780	35
<u>41XX</u>	<u>Food Service Group</u>			
4100	Kitchen Helper	128-210	1536-2520	10
4103	Cook I	149-190	1788-2280	13
4104	Cook II	210-264	2520-3168	20
4105	Baker	351-445	4212-5340	31
4107	Chief Cook	367-467	4404-5604	32
4108	Assistant Chief Cook	335-424	4020-5088	30
4109	Waitress	181-230	2172-2760	17
4110	Cafeteria Assistant	181-230	2172-2760	17
4111	Coffee Shop Manager	230-290	2760-3480	22
4112	Dietary Assistant	210-264	2520-3168	20
4120	Dietitian	<u>335-424</u>	4020-5088	30
4125	Administrative Dietitian	385-490	4620-5880	33

RANGE  
(See Table No. 1 for Intermediate Steps)

<u>CLASS</u>		<u>MONTHLY</u>	<u>ANNUAL</u>	<u>RANGE NUMBER</u>
<u>42XX</u>	<u>Building Services and Custodial Group</u>			
4200	Maid	128-164	1536-1968	10
4201	Porter	172-220	2064-2640	16
4205	Elevator Operator	142-181	1704-2172	12
4210	Seamstress	149-190	1788-2280	13
4215	Assistant Matron	149-190	1788-2280	13
4216	Matron	172-220	2064-2640	16
4220	Housekeeper	<u>230-290</u>	2760-3480	22
4223	Assistant Executive <sup>Housekeeper</sup> Housekeeper	<u>264-335</u>	3168-4020	25
4225	Executive Housekeeper	<u>404-514</u>	4848-6168	34
<u>43XX</u>	<u>Security Group</u>			
4300	Watchman	210-264	2520-3168	20
<u>5XXX</u>	<u>Library Service</u>			
5000	Library Attendant	142-181	1704-2172	12
5005	Assistant Librarian	<u>304-385</u>	3648-4620	28

\*Footnote

2107 Apprentice Technician  
3100 Apprentice Stationary  
Engineer

Trainee Positions with progressive  
steps for length of training.

THE UNIVERSITY OF TEXAS  
M. D. ANDERSON HOSPITAL AND TUMOR INSTITUTE

June 4, 1959

Dr. Logan Wilson, President  
The University of Texas  
Austin 12, Texas

Dear Doctor Wilson:

The following supplemental docket is submitted for your approval and presentation to the Board of Regents at its meeting in Austin, Texas on June 12-13, 1959:

OUT-OF-STATE-TRIPS: I recommend approval of the following out-of-state trips by staff members listed below, their expenses to be paid by the Maintenance and Travel Account unless otherwise specified:

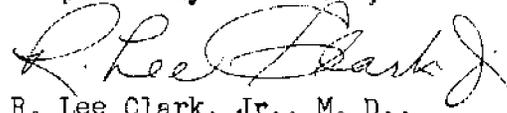
1. Dr. John S. Stehlin, Jr., Assistant General Surgeon, September 10-19, 1959 to confer with Dr. M. Margottini in Rome, Italy September 10-12, and to attend the meeting of the International Surgical Society in Munich, Germany September 13-19, 1959. Travel expenses to be paid from the University Cancer Foundation.

REASSIGNMENT OF DUTIES WITH PAY IN EXCESS OF TWO WEEKS: I recommend approval of the following reassignment of duty of the staff members indicated:

1. Relieve Dr. Noriaki Ida, Research Fellow in the Section of Experimental Pediatrics, from his regular duties at The University of Texas M. D. Anderson Hospital and Tumor Institute, for the period June 14, 1959 to July 14, 1959 and for that period reassign him to a special research project of The University of Texas M. D. Anderson Hospital and Tumor Institute at the National Institutes of Health in Bethesda, Maryland. Dr. Ida will work with Dr. Sarah Stewart of the National Institutes of Health in a collaborative study in attempting to determine whether polyoma virus in mice will pass the placental barrier and infect the fetuses. Dr. Stewart will provide animals, facilities and equipment. Dr. Ida's travel and subsistence will be at no expense to this institution.

2. Relieve Dr. Saul Kit, Associate Biochemist, from his regular duties at The University of Texas M. D. Anderson Hospital and Tumor Institute, for the period July 29, 1959 to August 27, 1959, and for that period reassign him to a special research project of The University of Texas M. D. Anderson Hospital and Tumor Institute at the Biological Laboratory at Cold Springs Harbor, Long Island, New York. Dr. Kit will attend the course "Quantitative Study of Human Cells in Tissue Culture", which is offered to a limited enrollment each year, with the objective of extending his proficiency and competence on the biological side of biochemistry to further enable him to lay the ground work for a series of future investigations. Funds for the course fee, for travel, and for per diem for the period of the course, August 3 - 22, will be paid from the Leukemia Society Grant and from Grants NCI C-4238 and ACS - P-35A. The other part of Dr. Kit's absence will be at no expense to the institution.

Respectfully submitted,



R. Lee Clark, Jr., M. D.,  
Director

THE UNIVERSITY OF TEXAS  
OFFICE OF THE COMPTROLLER  
AUSTIN 12

May 29, 1959

Southwestern Medical School Docket dated May 19, 1959:

GOVERNMENT CONTRACTS AND GRANTS AND OTHER AGREEMENTS:

C  
Items Nos. 3 and 9. These items probably should not be included in this docket. On both of these grants, approval has been given to the grants by the National Advisory Heart Council subject to appropriation by Congress now pending, but the official grant notifications have not yet been received by Southwestern Medical School.

O  
Items Nos. 12, 13, 14, 15, and 16. All of these items were approved by the President's Office, but copies of the documents have not yet been received in the Comptroller's Office.

Items Nos. 21, 23, 25, 28, 29, 30, 31, and 32. Applications for all of these items were approved by the President's Office, but no copies of the grant awards have been received in the Comptroller's Office.

P  
Items Nos. 22, 24, 26, and 27. The applications for these items were not approved by the President's Office, and no copies of the grant awards have been received in the Comptroller's Office.

*Maebess Matthews*  
Maebess Matthews  
Executive Assistant

Y  
MEM

Copy to Miss Thedford

Office Copy

1258

THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL SCHOOL  
5323 Harry Hines Boulevard, Dallas 35, Texas

May 19, 1959

Dr. Logan Wilson, President  
The University of Texas  
Austin 12, Texas

Dear Dr. Wilson:

The following docket is submitted for your approval and presentation to the Board of Regents at its meeting in Austin on June 12-13, 1959:

Business Office

1. Appoint Mr. Clifford E. McCormick, Jr., as Internal Auditor, effective April 1, 1959, at an annual salary rate of \$6,168, payable from the Business Office budget. (RBC No. 92)

Anesthesiology

2. Increase the annual salary rate of Dr. Karl W. Erwin, Assistant Professor, effective May 1, 1959, from \$8,800 to \$10,000, this increase to occur as a consequence of changing our billing for services to the Parkland Memorial Hospital Services. The increment of \$1,200 per annum has been agreed to by the Board of Managers of the Dallas County Hospital District. Dr. Erwin is presently budgeted at \$8,800 payable as follows: \$4,800 from the Department of Anesthesiology and \$4,000 from the Department of Pharmacology. (RBC No. 108) (Executive Committee Action)

Biochemistry

3. Increase the annual salary rate of Dr. Herbert W. Rumsfeld, Assistant Professor, effective April 1, 1959, from \$7,600 to \$8,100 payable as follows: \$7,100 from Biochemistry budget and \$1,000 from Southwestern Medical Foundation. Dr. Rumsfeld is presently paid \$6,600 from the Biochemistry budget and \$1,000 from Southwestern Medical Foundation. (RBC No. 77)

4. Accept the resignation of Dr. Dale A. Clark, Clinical Associate Professor without salary, effective June 1, 1959.

Internal Medicine

5. Increase the annual salary rate of Dr. Donald W. Seldin, Professor and Chairman, effective May 1, 1959, to \$20,000 payable as follows: \$19,000 from the Internal Medicine budget and \$1,000 from Southwestern Medical Foundation. Dr. Seldin is presently budgeted at \$17,000 payable as follows: \$16,000 from Internal Medicine budget and \$1,000 from Southwestern Medical Foundation. This increase is required in order to meet a keenly competitive salary situation existing between the various medical schools in the country. (RBC No. 78) (Executive Committee Action)

6. Increase the annual salary rate of Dr. Carleton B. Chapman, Professor, effective June 1, 1959, from \$12,500 to \$15,000, payable as follows: For the period June 1 through July 31, 1959, \$13,500 from Internal Medicine budget and \$1,500 from Southwestern Medical Foundation Grant; effective August 1, 1959, \$11,000 from Internal Medicine budget, \$1,500 from Southwestern Medical Foundation Grant, and \$2,500 from United States Public Health Service Cardiovascular Training Grant HTS-5396. Dr. Chapman is presently budgeted at \$11,000 payable from Internal Medicine budget and \$1,500 from Southwestern Medical Foundation Grant. (RBC No. 94) (Executive Committee Action)

Internal Medicine - continued

7. Change the source of salary of Dr. Marvin D. Siperstein, Associate Professor, effective April 1, 1959, to \$9,000 payable from the Internal Medicine budget and \$1,300 from Southwestern Medical Foundation Grant, with no change in annual salary rate. Dr. Siperstein is presently budgeted at \$10,300 payable as follows: \$8,500 from Internal Medicine budget, \$500 from the National Fund for Medical Education, and \$1,300 from Southwestern Medical Foundation Grant. (RBC No. 98)
8. Appoint Charles A. LeMaistre, M.D., as Associate Professor and Medical Director of the Pulmonary Disease Section, Dallas County Hospital District, effective July 1, 1959, at an annual salary of \$17,000 payable as follows: \$12,000 from Dallas County Hospital District and \$5,000 from Buchanan Laboratory Grant. (RBC No. 109)
9. Increase the annual salary rate of Dr. Jay P. Sanford, Assistant Professor, effective March 1, 1959, from \$9,500 to \$10,700, payable as follows: \$9,000 from the Department of Internal Medicine, \$500 from Southwestern Medical Foundation, and \$1,200 from Parkland Memorial Hospital Services. Dr. Sanford is presently budgeted at \$9,500 payable as follows: \$9,000 from the Department of Internal Medicine and \$500 from Southwestern Medical Foundation. (RBC No. 76) (Executive Committee Action)
10. Appoint John Baum, M.D., as Instructor ( $\frac{1}{4}$ -time) effective July 1, 1959, at an annual salary of \$2,500 to be paid from United States Public Health Service Graduate Training in Arthritis Grant No. 2A-5154(C1). Dr. Baum will also receive \$5,500 annually from the National Institute of Arthritis and Metabolic Diseases, which payment is to be made directly to Dr. Baum by the agency concerned. (RBC No. 106)
11. Change the source of salary for Dr. Brian J. Sproule, Instructor, effective March 1, through May 31, 1959, to \$3,214 to be paid from the Internal Medicine budget and \$4,400 from United States Public Health Service Grant H-2113(C3), with no change in annual salary rate. During the month of June 1959, change the source of his salary to \$3,214 from the Internal Medicine budget and \$4,400 from Dallas Heart Association Cardiopulmonary Fund #8245, with no change in annual salary rate. Dr. Sproule is presently paid \$3,214 from United States Public Health Service Grant HT-293(C9), \$1,200 from United States Public Health Service Grant H-2113(C3), and \$3,200 from the Dallas Heart Association. Accept his resignation effective June 30, 1959. (RBC Nos. 78, 103 and 110)
12. Appoint Joseph R. Rubini, M.D., as Assistant Professor (without tenure) without salary, effective August 15, 1959.
13. Accept the resignation of Dr. Richard L. Dexter, Clinical Instructor without salary, effective April 22, 1959.

Obstetrics and Gynecology

14. Increase the annual salary rate of Dr. Jack A. Pritchard, Professor and Chairman, from \$16,900 to \$20,000, payable from the Obstetrics and Gynecology budget, effective May 1, 1959. This increase is required in order to meet a keenly competitive salary situation existing between the various medical schools in the country. (RBC No. 80) (Executive Committee Action)

Pathology

15. Change the source of salary of Dr. Charles T. Ashworth, Professor and Chairman, effective April 1, 1959, to \$19,500 payable from the Pathology budget, with no change in annual salary rate. Dr. Ashworth is presently budgeted at \$19,500 payable as follows: \$15,000 from the Pathology budget and \$4,500 from the National Fund for Medical Education. (RBC No. 99)
16. Change the source of salary of Dr. George Race, Associate Professor, effective April 1, 1959, to \$13,000 payable from the Pathology budget and \$3,000 from Southwestern Medical Foundation Grant, with no change in annual salary rate. Dr. Race is presently budgeted at \$16,000 payable as follows: \$12,000 from Pathology budget, \$1,000 from National Fund for Medical Education, and \$3,000 from Southwestern Medical Foundation Grant. (RBC No. 100)

Pathology - continued

17. Change the source of salary of Dr. V. A. Stembridge, Associate Professor, effective April 1, 1959, to \$17,500 payable from the Pathology budget, with no change in annual salary rate. Dr. Stembridge is presently budgeted at \$17,500 payable as follows: \$15,000 from the Pathology budget and \$2,500 from the American Medical Education Foundation. (RBC No. 96)

18. Increase the annual salary rate of Dr. Edward L. Pratt, Professor and Chairman, effective May 1, 1959, from \$18,500 to \$20,000 payable from the Pediatrics budget. This increase is required in order to meet a keenly competitive salary situation existing between the various medical schools in the country. (RBC No. 81) (Executive Committee Action)

19. Accept the resignation of Dr. Donald B. Cheek, Associate Professor, effective May 31, 1959. Dr. Cheek is budgeted at \$10,000 payable from the Pediatrics budget. (RBC No. 101)

20. Change the source of salary of Dr. Jo Ann Whitaker, Assistant Professor, effective April 1, 1959, to \$8,000 payable from the Pediatrics budget, with no change in annual salary rate. Dr. Whitaker is presently budgeted at \$8,000 payable as follows: \$6,000 from the Pediatrics budget and \$2,000 from the American Medical Education Foundation. (RBC No. 97)

21. Appoint Catherine Chester, M.D., as Clinical Instructor without salary, effective May 1, 1959.

Pharmacology

22. Appoint Alvin Taurog, Ph.D., as Associate Professor, effective August 1, 1959, at an annual salary rate of \$12,000 payable from the Pharmacology budget. (RBC No. 105)

Physical Medicine and Rehabilitation

23. Change the source of salary of Dr. Vann S. Taylor, Associate Professor, effective April 1, 1959, to \$11,000 payable from the Physical Medicine and Rehabilitation budget and \$1,500 from Southwestern Medical Foundation Grant, with no change in annual salary rate. Dr. Taylor is presently budgeted at \$12,500 payable as follows: \$10,500 from Physical Medicine and Rehabilitation budget, \$500 from American Medical Education Foundation, and \$1,500 from Southwestern Medical Foundation grant. (RBC No. 95)

Physiology

24. Accept the resignation of Dr. Alan M. Thompson, Instructor, effective July 31, 1959. Dr. Thompson is budgeted at \$6,400 payable from the Physiology budget. (RBC No. 104)

Psychiatry

25. Change the source of salary of Dr. William R. Conte, Associate Professor, for the period March 1, 1959 through June 30, 1959, to \$10,000 payable from the Psychiatry budget and \$5,000 from United States Public Health Service Graduate Training in Psychiatry Grant 2M-6528(C), with no change in annual salary rate. Dr. Conte is presently budgeted at \$10,000 payable from the Psychiatry budget and \$5,000 from the Texas Psychiatric Foundation Grant. Effective July 1, 1959, accept his resignation. (RBC No. 90)

26. Change the source of salary of Dr. Irwin J. Knopf, Associate Professor, for the period March 1, 1959 through June 30, 1959, to \$10,000 payable from the Psychiatry budget and \$2,000 from United States Public Health Service Graduate Training in Psychiatry Grant 2M-6528(C), with no change in annual salary rate. Dr. Knopf is presently budgeted at \$10,000 payable from the Psychiatry budget and \$2,000 from the Texas Psychiatric Foundation Grant. Effective July 1, 1959, his salary will revert to its present sources. (RBC No. 88)

27. Change the source of salary of Dr. William Sterling Bell, Assistant Professor, for the period March 1, 1959 through June 30, 1959, to \$8,000 payable from the Psychiatry budget and \$3,000 from the United States Public Health Service Graduate Training in Psychiatry Grant 2M-6528(C), with no change in annual salary rate. Dr. Bell is presently budgeted at \$8,000 payable from the Psychiatry budget and \$3,000 from Southwestern Medical Foundation Clinic for Study of Problems of Alcoholism. Effective July 1, 1959, his salary will revert to its present sources. (RBC No. 84)

Psychiatry - continued

28. Change the source of salary of Dr. Robert L. Leon, Assistant Professor, for the period March 1, 1959 through June 30, 1959, to \$10,000 payable from the Psychiatry budget and \$4,500 payable from United States Public Health Service Graduate Training in Psychiatry Grant 2M-6528(C), with no change in annual salary rate. Dr. Leon is presently budgeted at \$10,000 payable from the Psychiatry budget and \$4,500 from the Texas Psychiatric Foundation Grant. Effective July 1, 1959, his salary will revert to its present sources. (RBC No. 86)

29. Change the source of salary of Dr. Maurice Korman, Assistant Professor, for the period March 1, 1959 through June 30, 1959, to United States Public Health Service Graduate Training in Psychiatry Grant 2M-6528(C) with no change in annual salary rate. Dr. Korman is presently budgeted at \$7,500 payable from Southwestern Medical Foundation Clinic for Study of Problems of Alcoholism. Effective July 1, 1959, his salary will revert to its present source. (RBC No. 82)

30. Change the source of salary of Mrs. Sophia Belle May, Assistant Professor, effective for the period March 1, 1959 through June 30, 1959, to \$5,000 payable from the Psychiatry budget and \$2,300 from United States Public Health Service Graduate Training in Psychiatry Grant 2M-6528(C), with no change in annual salary rate. Mrs. May is presently budgeted at \$5,000 payable from the Psychiatry budget and \$2,300 from the Texas Psychiatric Foundation Grant. Effective July 1, 1959, her salary will revert to its present sources. (RBC No. 89)

31. Change the source of salary of Dr. William T. Moore, Instructor, for the period March 1, 1959 through June 30, 1959, to \$8,000 payable from the Psychiatry budget and \$800 from United States Public Health Service Graduate Training in Psychiatry Grant 2M-6528(C), with no change in annual salary rate. Dr. Moore is presently budgeted at \$8,000 payable from the Psychiatry budget and \$800 from the Texas Psychiatric Foundation. Effective July 1, 1959, his salary will revert to its present sources. (RBC No. 91)

32. Change the source of salary of Dr. Jack Martin, Instructor, for the period March 1, 1959 through June 30, 1959, to \$8,500 payable from United States Public Health Service Undergraduate Training in Psychiatry Grant 2M-5928(C7) and \$1,500 from United States Public Health Service Graduate Training in Psychiatry Grant 2M-6528(C), with no change in annual salary rate. Dr. Martin is presently budgeted at \$8,500 payable from United States Public Health Service Undergraduate Training in Psychiatry Grant 2M-5928(C7), and \$1,500 from the Texas Psychiatric Foundation Grant. Effective July 1, 1959, his salary will revert to its present sources. (RBC No. 87)

33. Change the source of salary of Dr. John H. Gladfelter, Instructor, for the period March 1, 1959 through June 30, 1959, to \$6,500 payable from United States Public Health Service Undergraduate Training in Psychiatry Grant 2M-5928(C7) and \$300 from United States Public Health Service Graduate Training in Psychiatry Grant 2M-6528(C), with no change in annual salary rate. Dr. Gladfelter is presently budgeted at \$6,500 payable from United States Public Health Service Undergraduate Training in Psychiatry Grant 2M-5928(C7) and \$300 from Texas Psychiatric Foundation Grant. Effective July 1, 1959, his salary will revert to its present source. (RBC No. 85)

34. Change the source of salary of Mr. Harold Wedel, Instructor, for the period March 1, 1959 through June 30, 1959, to United States Public Health Service Graduate Training in Psychiatry Grant 2M-6528(C) with no change in annual salary rate. Mr. Wedel is presently budgeted at \$6,000 payable from the Southwestern Medical Foundation Clinic for Study of Problems of Alcoholism. Effective July 1, 1959, his salary will revert to its present source. (RBC No. 83)

Radiology

35. Appoint Vincent P. Collins, M.D., as Consultant without salary, effective March 13, 1959.

36. Appoint Herman C. Sehested, M.D., as Clinical Assistant Professor without salary, effective March 13, 1959.

Radiology - continued

37. Appoint John R. McCarville, M.D., as Clinical Assistant without salary effective March 1, 1959.

38. Accept the resignation of Dr. William L. Reed, Clinical Assistant without salary, effective March 31, 1959.

Surgery

39. Accept the resignation of Dr. Roy T. Lester, Clinical Instructor in Thoracic Surgery without salary, effective March 30, 1959.

40. Appoint Richard W. Ernst, M.D., as Assistant Professor of Cardiac and Thoracic Surgery, effective July 1, 1959, at an annual salary rate of \$9,000 payable from Dallas Heart Association Cardiac Laboratory Grant (contingent upon receipt of grant). (RBC No. 111)

41. Appoint Sam Brock, D.D.S., as Consultant in Oral Surgery without salary, effective May 1, 1959.

Medical Electronics Laboratory

42. Approve the appropriation from Unappropriated Balance-General Funds of \$30,000; and approve the creation of a new account entitled "Purchase of Electron Microscope" to which this sum is to be transferred. (RBC No. 93)

Physical Plant

43. Approve the appropriation from Unappropriated Balance-General Funds of \$65,000; and approve the creation of a new account entitled "Replacement of Physiological Recording Equipment for Physiology-Pharmacology Student Laboratories" to which this sum is to be transferred. (RBC No. 102)

Unallocated Salaries

43. Transfer to Unallocated Salaries funds from unfilled positions as follows:

1. Pediatrics		
Instructor		\$ 1,000
Physical Medicine		
Assistant Professor		9,000
Instructor		7,200
		<u>\$17,200</u> (RBC No. 75)
2. Anatomy		
Professor		\$10,600
Pharmacology		
Assistant Professor		7,400
		<u>\$18,000</u> (RBC No. 107)

FELLOWS: Approve the following, effective July 1, 1959 unless otherwise indicated:

1. Appointments

Wadi' N. As-Suki, M.D., as Clinical Fellow in Experimental Medicine  
 Richard Archer, M.D., as Clinical Fellow in Internal Medicine  
 Tom Bruce, M.D., as Clinical Fellow in Internal Medicine  
 James R. Clapp, M.D., as Fellow in Internal Medicine  
 Oren Ellis, M.D., as Fellow in Internal Medicine  
 Dan Foster, M.D., as Clinical Fellow in Internal Medicine  
 Carl M. Goldsmith, M.D., as Clinical Fellow in Internal Medicine  
 Hugh E. Jasin, M.D., as Clinical Fellow in Internal Medicine  
 Lewis Lefkowitz, M.D., as Clinical Fellow in Internal Medicine  
 William Earl Miller, Jr., M.D., as Clinical Fellow in Internal Medicine  
 James Dwight O'Keefe, M.D., as Clinical Fellow in Internal Medicine  
 Carmelo Porto, M.D., as Clinical Fellow in Internal Medicine  
 Al Roberts, M.D., as Clinical Fellow in Internal Medicine  
 Peggy J. Whalley, M.D., as Clinical Fellow in Obstetrics and Gynecology  
 William Eugene Potts, M.D., as Clinical Fellow in Pediatrics  
 Joan Windmiller, M.D., as Clinical Fellow in Pediatrics  
 Avni Dogan Ozkan, M.D., as Clinical Fellow in Psychiatry  
 Arnold Joseph Schuman, M.D., as Clinical Fellow in Psychiatry  
 (effective April 15, 1959 through June 30, 1959)

2. Change of Status

Dr. Betty Hunter to Clinical Fellow in Internal Medicine

3. Resignations

Dr. Bobby L. Temple, Clinical Fellow in Internal Medicine  
 Dr. Julio Chegioransky, Clinical Fellow in Internal Medicine  
 (effective August 31, 1959)

PURCHASE FROM STAFF MEMBER: Approve the purchase of 3 vials of Osmic Acid 0.5 gm. and 500 Electron-Microscope Grids from Mr. Emil Sanders, Engineering Technician in Pathology, for a total expenditure of \$63.00 from Account No. 2255.

TRAVEL REIMBURSEMENT: Provide for payment of full actual reimbursement for expenses of transportation and subsistence during travel under the MEND grant, as per Dean Gill's letter of February 19, 1959, to Dr. Logan Wilson.

FORT WORTH LABORATORY: Effective July 1, 1959, approve structural changes proposed in April 2, 1959, letter to Dr. Logan Wilson, as follows:

1. Change the designation of the Southwestern Medical School Fort Worth Laboratory for Surgical Research to The University of Texas Southwestern Medical School Fort Worth Laboratory for Research and Postgraduate Education.
2. Change the responsibility for supervision and direction from the Chairman of the Department of Surgery to Dr. John S. Chapman, Assistant Dean for Postgraduate Education and Alumni Relations.
3. Delete the position of Director of the Fort Worth Laboratory and authorize Dr. John Chapman to recommend to the Dean of The University of Texas Southwestern Medical School the appointment of a Fort Worth Advisory Committee of not less than five nor more than ten physicians to assist him in implementation of the research and educational program.

GRADUATES IN JUNE 1959. Approval is requested for the candidates certified by the Dean and the Promotions Committee as eligible to receive degrees on June 1, 1959, upon satisfactory completion of degree requirements, the official list of graduates to be submitted for formal record at a later date.

TEXTBOOKS PREPARED BY FACULTY MEMBERS: Approval is requested to use the following laboratory manuals prepared by faculty members for sale, with no royalty to the authors, to the students of Southwestern Medical School during the year 1959-1960:

- |                                      |             |
|--------------------------------------|-------------|
| 1. Laboratory manual in Biochemistry | \$3.00 each |
| 2. Laboratory manual in Biophysics   | 2.50 each   |
| 3. Laboratory manual in Microbiology | 3.00 each   |
| 4. Laboratory manual in Pharmacology | 1.00 each   |
| 5. Laboratory manual in Physiology   | 1.75 each   |

REASSIGNMENT OF DUTIES WITH PAY IN EXCESS OF TWO WEEKS: I recommend approval of the following:

1. That Dr. Oscar F. Wiegand, Assistant Professor of Pharmacology, be relieved from his ordinary duties at Southwestern Medical School for the six weeks from June 8 to July 17, 1959, and for that period be assigned to Baylor Medical School to familiarize himself with the electronic equipment which is being purchased for the student teaching program; traveling expense to be paid from Pharmacology M & E.
2. That Dr. M. T. Jenkins, Professor of Anesthesiology, be relieved from his ordinary duties at Southwestern Medical School for the period October 18, 1959 to November 16, 1959, inclusive, and for that period be reassigned to a special project to deliver a paper at the meeting of the Association of Anaesthetists of Great Britain and Ireland at Stratford on Avon, England, and to interview prospective appointees to a Visiting Professorship in Anesthesiology in Oxford, Cambridge, and Westminster, England, and Scandinavia, Germany, and Switzerland; traveling expenses to be paid from Children's Medical Center Anesthesiology Fund #7590.

CLASSIFIED PERSONNEL PROGRAM FOR 1959-1960. Approval is requested for the attached schedule of positions and salary ranges for Classified Personnel, to become effective September 1, 1959. (Addendum I)

FACULTY FOR 1959-1960: Approval is requested of the attached list of Southwestern Medical School Faculty members for the year 1959-1960. (Addendum II)

OUT-OF-STATE TRIPS: I recommend approval of the following out-of state trips by the staff members listed, expenses to be paid from Conferences, Lectures and Attendance at Scientific Meetings unless otherwise indicated:

1. Dr. Paul April, Fellow in Internal Medicine, to Atlantic City, New Jersey, on May 1-9, 1959, to attend the meeting of the American Association of Clinical Investigation; expenses to be paid from United States Public Health Service Graduate Training in Arthritis Grant #4610.
2. Dr. Herbert Bailey, Clinical Instructor in Internal Medicine, to Denver, Colorado, on April 30-May 2, 1959, to attend the MEND Symposium on "Nutrition Under Wartime or Disaster Conditions"; expenses to be paid from the MEND Contract.
3. Mr. John W. Baker, Instructor in Psychiatry, to San Francisco, California, on May 23-31, 1959, to participate in conferences on teaching in medical schools at the National Conference on Social Work; expenses to be paid from United States Public Health Service Graduate Training Grant in Psychiatry #4760.
4. Dr. W. S. Bell, Assistant Professor of Psychiatry, to New Orleans, Louisiana, on May 14-17, 1959, to attend the meeting of the New Orleans Group Therapy Society and study work done in Alcoholic Clinic; expenses to be paid from Southwestern Medical Foundation Alcoholism Study Grant #8610.
5. Mrs. Joanne Bernard, Research Technician II in Microbiology, to Chicago, Illinois, and Mt. Vernon, Missouri, to attend the meeting of the National Tuberculosis Association and observe new techniques in mycology; expenses to be paid from United States Public Health Service Grant E-880(C2) #5110.
6. Dr. William P. Blackmore, Associate Professor of Pharmacology, to Buenos Aires, Argentina, on August 5-19, 1959, to attend the XXII International Physiological Congress, per diem expenses to be paid from United States Public Health Service Grant H-1836(C4); and to Miami, Florida, on August 30-September 3, 1959, to present a paper at the meeting of the American Society for Pharmacology and Experimental Therapeutics, expenses to be paid from United States Public Health Service Grant H-1836(C4).
7. Mr. William A. Bonner, Research Scientist I in Pathology, to Paris, France, on June 20-29, 1959, to present a paper at the Second International Conference on Medical Electronics; expenses to be paid from Southwestern Medical Foundation Grant #8774.
8. Dr. Frederick J. Bonte, Professor of Radiology, to Atlanta, Georgia, on April 24-26, 1959, to attend the meeting of the Association of University Radiologists; expenses to be paid from Southwestern Medical Foundation Travel Grant.
9. Dr. W. W. Burr, Jr., Associate Professor of Biochemistry, to Atlantic City, New Jersey, on April 12-18, 1959, to attend the meeting of the American Society of Biology and Chemistry, expenses to be paid as follows: \$180 from U.S. Army Contract DA-49-007-MD-662 #4100 and the remainder from Atomic Energy Contract AT-(40-1)-1968 #4190.
10. Dr. Norman W. Carter, Instructor in Internal Medicine, to Georgetown University Hospital, Washington, D.C., on May 4-9, 1959, to discuss research developments; expenses to be paid from United States Public Health Service Grant 2A-5028(C1) #4600.
11. Dr. Carleton B. Chapman, Professor of Internal Medicine, to Atlantic City, New Jersey, on April 29-May 5, 1959, to attend meetings of the American Society for Clinical Investigation as Program Chairman and the American Heart Association Research Committee; expenses to be paid from Southwestern Medical Foundation Travel Fund.
12. Dr. Julio Chegorskiy, Fellow in Internal Medicine, to Washington, D.C., on June 3-5, 1959, to attend the Pan-American Congress on Rheumatism; expenses to be paid from Helen Hay Whitney Foundation Grant #8382.

OUT-OF-STATE TRIPS - continued

13. Dr. Burton Combes, Instructor in Internal Medicine, to Atlantic City, New Jersey, on May 2-6, 1959, to attend the meetings of the American Federation for Clinical Research and American Society of Clinical Investigation, and on June 3-8, 1959, to attend the meetings of the Endocrine Society and the American Diabetes Association; expenses for both trips to be paid from United States Public Health Service Grant H-3439(C1) #5550.
14. Dr. Ivan E. Cushing, Fellow in Internal Medicine, to Washington, D.C., on May 17-26, 1959, to visit the National Heart Institute to learn new research techniques; expenses to be paid from United States Public Health Service Grant H-3701 #5560.
15. Mr. Burt Durham, Assistant to the Business Manager, to New Orleans, Louisiana, on May 11-13, 1959, to visit the Tulane Book Store to obtain ideas for development of Southwestern Medical School's Supply Store; expenses to be paid from Student Supply Store Fund #7425.
16. Mrs. Margaret Dyerly, Research Technician II in Internal Medicine, to Chicago, Illinois, on May 25-27, 1959, to attend the meeting of the National Tuberculosis Association; expenses to be paid from United States Public Health Grant E-2063 #5140.
17. Dr. Seymour Eisenberg, Clinical Associate Professor of Internal Medicine, to Atlantic City, New Jersey, on May 2-6, 1959, to attend the meeting of the American Federation for Clinical Research and American Society for Clinical Research; expenses to be paid from United States Public Health Service Grant H-3718 # 5578.
18. Mr. Richard A. Ferguson, Research Technician I in Internal Medicine, to St. Louis, Missouri, on May 10-15, 1959, to attend the meeting of the Society of American Bacteriologists; expenses to be paid from Lederle Grant #8304.
19. Mr. E. A. Gell, Business Manager, to Lafayette, Indiana, on May 13-20, 1959, to attend the meeting of the Central Association of College and University Business Officers; expenses to be paid from the Mr. and Mrs. F. W. Dye Gift Fund #9104.
20. Dr. Winfrey Goldman, Fellow in Internal Medicine, to Santa Fe, New Mexico, on April 14-17, 1959, to conduct research studies; half of the expense to be paid from United States Public Health Service Grant H-3439 #5550.
21. Dr. Andres Goth, Professor of Pharmacology, to Buenos Aires, Argentina, on August 2-22, 1959, to attend the International Physiological Congress; and to Miami, Florida, on August 27-September 5, 1959, to present a paper at the meeting of the American Society for Pharmacology and Experimental Therapeutics; expenses for both trips to be paid from Welch Foundation Grant #8498..
22. Dr. L. Ruth Guy, Clinical Assistant Professor of Microbiology, to Chicago, Illinois, on May 24-28, 1959, to attend the meeting of the National Tuberculosis Association; expenses to be paid from United States Public Health Service Grant E-880(C2) #5110.
23. Dr. Evelyn Hess, Fellow in Internal Medicine, to Washington, D.C., on June 3-5, 1959, to attend the Pan-American Congress on Rheumatism; expenses to be paid from Arthritis and Rheumatism Foundation Fund #8232 and Training Grant #4610.
24. Dr. M. T. Jenkins, Professor of Anesthesiology, to Hartford, Connecticut, on September 26-October 4, 1959, to attend the meetings of the American Board of Anesthesiology, Inc., and the Board of Examiners in Anesthesiology; and to Bal Harbour, Florida, on October 5-11, 1959, to attend the meeting of the American Society of Anesthesiologists, Inc.; expenses to be paid from Southwestern Medical Foundation Grant #7594.

OUT-OF-STATE TRIPS - continued

25. Dr. John M. Johnston, Assistant Professor of Biochemistry, to Meriden, New Hampshire, on June 12-22, 1959, to attend the Gordon Research Conference on Lipid Metabolism; expenses to be paid from Williams Waterman Grant #8136.
26. Mr. James S. Kersey, Instructor in Psychiatry, to San Francisco, California, on May 20-30, 1959, to attend the meeting of the National Conference of Social Work; expenses to be paid from United States Public Health Service Graduate Training Grant in Psychiatry #4760.
27. Dr. Irwin J. Knopf, Associate Professor of Psychiatry, to Topeka, Kansas, on April 15-18, 1959, to serve as section chairman at the meeting of the Southwestern Psychological Association; expenses to be paid from United States Public Health Service Graduate Training Grant in Psychiatry #4760.
28. Mr. Jack S. Krohmer, Assistant Professor of Radiology, to Washington, D.C., on May 11-13, 1959, to attend the MEND Symposium on "Radiation Health Problems"; his expenses to be paid from the MEND Contract.
29. Dr. Robert W. Lackey, Chairman of the Department of Physiology, to Atlantic City, New Jersey, on April 13-17, 1959, to serve as representative of the medical school at the meeting of the Federation of American Societies for Experimental Biology to seek faculty replacements, expenses to be paid from Dean's Travel Fund; and to Memphis, Tennessee, on August 19-24, 1959, to participate in the Conference on Student Affairs, expenses to be paid from the National Fund for Medical Education.
30. Dr. Joseph Lospalluto, Assistant Professor of Biochemistry, to Washington, D.C., on May 20-June 7, 1959, to attend the Pan American Congress on Rheumatism; expenses to be paid from Helen Hay Whitney Foundation Grant #8382.
31. Dr. Jack Martin, Instructor in Psychiatry, to Baltimore, Maryland, on May 15-17, 1959, to attend the meeting of the Baltimore Psychiatric Institute and interview a prospective social worker; expenses to be paid from United States Public Health Service Graduate Training in Psychiatry Grant #4760.
32. Dr. Daniel M. Martinez, Clinical Instructor in Otolaryngology, to Boston, Massachusetts, on April 11-16, 1959, to visit the Acoustical Laboratory and the Massachusetts Ear-Eye Infirmary and Institute of Technology to learn new research techniques; expenses to be paid from United States Public Health Service Grant B-1647 #5016.
33. Dr. William F. Miller, Associate Professor of Internal Medicine, to Atlantic City, New Jersey, on May 1-4, 1959, to attend the meeting of the American Federation for Clinical Research and the American Society for Clinical Investigation, expenses to be paid from American Trudeau Society Grant #8332; and to Atlantic City, New Jersey, on June 2-8, 1959, to present a paper at the meeting of the American College of Chest Physicians and serve as the medical school's representative in observing new teaching techniques.
34. Dr. Donald Moore, Assistant Professor of Microbiology, to University Park, Pennsylvania, on August 29-September 3, 1959, to attend the meetings of the American Institute of Biological Sciences and American Society of Parasitologists; expenses to be paid from United States Public Health Service Grant E-2500 #5190.
35. Mrs. Deloia Morris, Research Technician II in Surgery, to Boston, Massachusetts, on April 11-16, 1959, to visit the Acoustical Laboratory and the Massachusetts Ear-Eye Infirmary and Institute of Technology to learn new research techniques; expenses to be paid from United States Public Health Service Grant B-1647(C1) #5016.
36. Dr. E. E. Muirhead, Professor of Pathology, to Atlantic City, New Jersey, and Bethesda, Maryland, on May 4-5, 1959, to present a paper at the meeting of the American Society for Clinical Investigation and to participate in a Microcirculatory Conference at the National Institutes of Health; expenses for both meetings to be paid from United States Public Health Service Grant H-825(C8) #5240.

OUT-OF-STATE TRIPS - continued

37. Dr. John Paul North, Clinical Professor of Surgery, to Dayton, Ohio, on April 8-11, 1959, to attend the MEND Symposium on Aviation and Space Medicine; expenses to be paid from the MEND Contract.
38. Dr. Jack E. Ponder, Resident in Psychiatry, to New Orleans, Louisiana, on May 14-16, 1959, to attend the meeting of the New Orleans Group Therapy Society and study work done in Alcoholic Clinic; expenses to be paid from Southwestern Medical Foundation Alcoholism Study Grant #8610.
39. Dr. John C. Porter, Assistant Professor of Physiology, to Atlantic City, New Jersey, on April 13-17, 1959, to present a paper at the meeting of the Federation of American Societies for Experimental Biology; expenses to be paid from United States Public Health Service Grant A-1237(C2) #4820.
40. Dr. Floyd C. Rector, Instructor in Internal Medicine, to Denver, Colorado, on April 28-May 2, 1959, to attend the MEND Symposium; expenses to be paid from the MEND Contract.
41. Miss Marcella Reed, Research Technician II in Pathology, to New Orleans, Louisiana, on May 25-June 5, 1959, to study new techniques at the Ochsner Foundation; expenses to be paid from Dye Fund #9104.
42. Dr. Jay P. Sanford, Assistant Professor of Internal Medicine, to Atlantic City, New Jersey, on May 1-2, 1959, to attend the National Institute of Arthritis and Metabolic Diseases Training Symposium; expenses to be paid from Army Contract DA-49-007-MD-884.
43. Dr. Donald Seldin, Professor of Internal Medicine, to Atlantic City, New Jersey, and New York City, New York, on May 3-7, 1959, to attend meetings of the American Federation for Clinical Research, the American Society for Clinical Investigation, and the Association of American Physicians, and to visit laboratories; expenses to be paid from United States Public Health Service Grant 2A-5028(C2) #4600.
44. Dr. Holbrooke S. Seltzer, Associate Professor of Internal Medicine, to Atlantic City, New Jersey, on May 2-8, 1959, to attend the meeting of the American Federation for Clinical Research, American Society for Clinical Investigation, and Association of American Physicians; expenses to be paid from the Lilly Grant #8312.
45. Mr. C. B. Sheriff, Director of Physical Plant, to Manhattan, Kansas, on May 11-14, 1959, to represent the medical school at the meeting of the National Association of Physical Plant Directors to obtain information which will be helpful in the operation and maintenance of Southwestern Medical School; expenses to be paid from Office and Travel Expense #2604.
46. Dr. Marvin D. Siperstein, Associate Professor of Internal Medicine, to Atlantic City, New Jersey, and Washington, D.C., on April 10-15, 1959, to attend the meetings of the Editors of the Journal of Lipid Chemistry and the Federated Societies and consult regarding research problems, expenses to be paid from Dallas Heart Grant #8258; to Washington, D.C., on April 29-May 3, 1959, to confer regarding research problems, expenses to be paid from United States Public Health Service Grant H-2944(C1); and to Atlantic City, New Jersey, on June 2-6, 1959, to attend the meetings of the Endocrine Society, expenses to be paid from Texas Heart Association Grant #8360.
47. Mr. Walter Skinner, Student Assistant in Internal Medicine, to Atlantic City, New Jersey, on June 3-8, 1959, to attend the meeting of the Endocrine Society and the American Diabetes Association; expenses to be paid from Upjohn Grant #8366.
48. Mr. Joe Ed Smith, Student Assistant in Internal Medicine, to Atlantic City, New Jersey, on May 2-5, 1959, to present a paper at the meeting of the American Federation for Clinical Research; expenses to be paid from the American Medical Education Foundation Fund.
49. Miss Maro Speight, Research Technician II in Internal Medicine, to Chicago, Illinois, on May 25-27, 1959, to attend the meeting of the National Tuberculosis Association; expenses to be paid from Dallas Tuberculosis Association Grant #8828.

OUT-OF-STATE TRIPS - continued

50. Dr. William M. Strickland, Instructor in Surgery, to Atlantic City, New Jersey, on May 3-6, 1959, to present a paper at the meeting of the Society for Clinical Investigation; expenses to be paid from Faculty Gifts for Surgery #8048.
51. Dr. Robert L. Stubblefield, Professor of Psychiatry, to Philadelphia, Pennsylvania, and Chicago, Illinois, on April 26-May 3, 1959, to attend meetings of the American Psychiatric Association, American Academy of Child Psychiatry, and American Psychiatric Association Committee meeting on Relations with Psychology; expenses to be paid from United States Public Health Service Graduate Training in Psychiatry Grant #4760.
52. Dr. Alan M. Thompson, Instructor in Physiology, to Atlantic City, New Jersey, on April 13-17, 1959, to present a paper at the meeting of the Federation of American Societies for Experimental Biology; expenses to be paid from United States Public Health Service Grant RG-5791 #5750.
53. Dr. H. C. Tidwell, Professor of Biochemistry, to Atlantic City, New Jersey, on April 13-17, 1959, to attend the meeting of the Federation of American Societies for Experimental Biology, expenses to be paid from Lipotropic Research Fund 218 #8130; and to Meriden, New Hampshire, on June 13-21, 1959, to attend the Gordon Research Conference on Lipid Metabolism, expenses to be paid from Atlas Powder Company Grant 147 #8120.
54. Dr. Roger H. Unger, Clinical Instructor in Internal Medicine, to Atlantic City, New Jersey, on May 2-6, 1959, to attend the meetings of the American Federation for Clinical Research and American Society for Clinical Investigation; expenses to be paid from Upjohn Grant #8368.
55. Dr. John C. Vanatta, Professor of Physiology, to Indianapolis, Indiana, on July 26-30, 1959, to confer regarding research problems; expenses to be paid from Pitman-Moore Grant #8570.
56. Dr. Teresa Jane Vietti, Instructor in Pediatrics, to Atlantic City, New Jersey, on April 10-12, 1959, to attend the meeting of the American Association for Cancer Research, expenses to be paid from United States Public Health Service Grant CY-4208 #5070; to Buck Hill Falls, Pennsylvania, on May 6-9, 1959, to present a paper and represent the medical school in obtaining new teaching and research information at the meeting of the Society for Pediatric Research; and to Montreal, Canada, on July 20-24, 1959, to lead a panel discussion at the IX International Congress of Pediatrics, expenses to be paid from Southwestern Medical Foundation Travel Fund.
57. Dr. Hal Weathersby, Associate Professor of Anatomy, to Chicago, Illinois, on May 26-28, 1959, to attend the National Conference on the Legal Environment of Medical Science; expenses to be paid from Southwestern Medical Foundation Travel Fund.
58. Dr. Donald S. Wiggans, Associate Professor of Biochemistry, to Meriden, New Hampshire, on July 16-26, 1959, to attend the Gordon Research Conference; expenses to be paid from Atomic Energy Commission Grant At(40-1)-1988 #4190.
59. Dr. Ben Wilson, Professor of Surgery, to San Francisco, California, on April 11-20, 1959, to attend the meeting of the American Surgical Society; expenses to be paid from Faculty Gifts for Surgery Fund #8048.
60. Dr. Morris Ziff, Professor of Internal Medicine, to Atlantic City, New Jersey, on April 15-17, 1959, to attend the meeting of the American Society of Immunologists, expenses to be paid from United States Public Health Service Grant A-2071(C1) #4910; and to Washington, D.C., on June 1-7, 1959, to attend the Pan American Congress on Rheumatic Disease, expenses to be paid from North Texas Arthritis and Rheumatism Foundation Grant #8340.

GRANT REFUND: Approve the refund of the unexpended balance of \$2,641.04 on United States Public Health Service Grant A-1715 for research on "Studies of the Ontogeny of Inflammatory and Immune Responses" under the direction of Dr. Richard T. Smith. Dr. Smith resigned September 30, 1958.

GOVERNMENT CONTRACTS AND GRANTS AND OTHER AGREEMENTS: Approval of the following contracts and grants and other agreements is requested, and it is recommended that the appreciation of the Board of Regents be sent to the donors of the grants. Note: Items 3 and 9 subject to appropriation by Congress, now pending.

1. Research Grant B-1647(C1)  
 Department of Health, Education & Welfare  
 Attention: Gordon H. Seger, Dr. P.H.  
                   Chief, Extramural Programs  
 National Institute of Neurological Diseases and Blindness  
 National Institutes of Health  
 Bethesda 14, Maryland  
Study of Inner Ear Physiology and Pathology  
 Dr. Daniel M. Martinez  
 April 1, 1959 - March 31, 1960  
 \$8,250
  
2. Special Training Grant 2M-9411  
 Department of Health, Education & Welfare  
 Attention: Raymond Feldman, M.D.  
                   Acting Chief, Training Branch  
 National Institute of Mental Health  
 National Institutes of Health  
 Bethesda 14, Maryland  
Postgraduate Seminar for General Practitioners  
 Dr. Robert L. Stubblefield  
 March 1, 1959 - May 31, 1959  
 \$1,626
  
3. Graduate Training Grant HTS-5396  
 Department of Health, Education & Welfare  
 Attention: James Watt, M.D., Director  
 National Heart Institute  
 National Institutes of Health  
 Bethesda 14, Maryland  
Graduate Training in Cardiovascular Physiology  
 Dr. Carleton B. Chapman  
 August 1, 1959 - July 31, 1960  
 \$26,676  
 (Recommendation by National Advisory Heart Council approved  
 subject to appropriation by Congress now pending)
  
4. Research Grant H-1574(C5)  
 Department of Health, Education & Welfare  
 Attention: James Watt, M.D., Director  
 National Heart Institute  
 National Institutes of Health  
 Bethesda 14, Maryland  
Na<sup>24</sup> Metabolism Studies in Hypertension  
 Dr. John C. Vanatta  
 May 1, 1959 - April 30, 1960  
 \$10,984
  
5. Research Grant C-4727  
 Department of Health, Education & Welfare  
 Attention: R. G. Meader, Ph.D., Chief  
                   Research Grants Branch  
 National Cancer Institute  
 National Institutes of Health  
 Bethesda 14, Maryland  
Acid-soluble Phosphate Esters in Red Blood Cells  
 Drs. J. K. Joanes and A. F. Reid  
 April 1, 1959 - March 31, 1960  
 \$6,015

GOVERNMENT CONTRACTS AND GRANTS AND OTHER AGREEMENTS - continued

6. Research Grant H-2944(C1S1)  
 Department of Health, Education & Welfare  
 Attention: James Watt, M.D., Director  
 National Heart Institute  
 National Institutes of Health  
 Bethesda 14, Maryland  
A Study of Bile Acid Metabolism in In Vitro Systems  
Dr. Marvin D. Siperstein  
 April 1, 1959 - April 30, 1959  
 \$5,750
7. Research Grant NSF-G8270  
 National Science Foundation  
 Attention: Mr. Alan T. Waterman, Director  
 Washington 25, D.C.  
Short-term Research by Medical Students  
Dr. Robert J. Lackey  
 April 1, 1959 - March 31, 1962  
 \$12,420
8. Research Grant H-3108(C2)  
 Department of Health, Education & Welfare  
 Attention: James Watt, M.D., Director  
 National Heart Institute  
 National Institutes of Health  
 Bethesda 14, Maryland  
Tolerance of the Heart to Prosthetic Aortic Valves  
Dr. Hugh E. Wilson  
 May 1, 1959 - April 30, 1960  
 \$15,525
9. Research Grant A-1237(C3)  
 Department of Health, Education & Welfare  
 Attention: Ralph E. Knutti, M.D., Chief  
 Extramural Programs  
 National Institute of Arthritis & Metabolic Diseases  
 National Institutes of Health  
 Bethesda 14, Maryland  
Neurohumoral Control of ACTH Release  
Dr. John C. Porter  
 September 1, 1959 - August 31, 1960  
 \$24,810  
 (Recommendation by National Advisory Heart Council approved  
 subject to appropriation by Congress now pending)
10. Research Grant A-2482  
 Department of Health, Education & Welfare  
 Attention: Ralph E. Knutti, M.D., Chief  
 Extramural Programs  
 National Institute of Arthritis & Metabolic Diseases  
 National Institutes of Health  
 Bethesda 14, Maryland  
Intestinal Absorption and Metabolism of Peptides  
Drs. John M. Johnston & Donald S. Wiggans  
 April 1, 1959 - March 31, 1960  
 \$7,423
11. Research Grant H-2944(C2)  
 Department of Health, Education & Welfare  
 Attention: James Watt, M.D., Director  
 National Heart Institute  
 National Institutes of Health  
 Bethesda 14, Maryland  
A Study of Bile Acid Metabolism in In Vitro Systems  
Dr. Marvin D. Siperstein  
 May 1, 1959 - April 30, 1960  
 \$20,700

GOVERNMENT CONTRACTS AND GRANTS AND OTHER AGREEMENTS - continued

12. Department of the Air Force  
Contract No. AF 41(657)-90  
Supplemental Agreement No. 2  
Establishment of final overhead rate at 41% of direct labor for  
the period September 1, 1956 through May 15, 1957.
13. Department of the Army  
Contract No. DA-49-007-MD-884  
Modification No. 2  
Provision for additional research support in the amount of \$25,000  
and extension of the period of the contract to August 31, 1960
14. Department of the Army  
Contract DA-18-064-404-CML-113  
Modification No. 4  
Authorization for sale by the Government to Southwestern Medical  
School of certain equipment items for the sum of \$597.40
15. Department of the Navy  
Contract Nonr-1553(01)  
Amendment No. 7  
Establishment of final overhead rate at 41% of salaries and wages  
for the period September 1, 1956 through August 31, 1957 and  
of provisional overhead rate of 41% of salaries and wages for  
the period September 1, 1957 through August 31, 1959
16. Atomic Energy Commission  
Contract No. AT-40-1)-1988  
Modification No. 4  
Provision for additional research support in the amount of \$10,266  
and extension of the period of the contract to March 31, 1960
- ✓17. From the Life Insurance Medical Research Fund (Dr. Francis  
R. Dieuaide, Scientific Director, 345 East 46th Street,  
New York 17, New York) continued support of research on  
"Hypothalamic Control of Sodium Excretion" under the  
direction of Dr. John C. Porter, for the period July 1,  
1959 through June 30, 1962, to be paid in three annual  
installments of \$8,360, \$6,600 and \$6,600 and to be  
deposited to "Life Insurance Medical Research" (Account 8564) \$21,560.00 *S-168*
- ✓18. From Hoffman-LaRoche, Inc. (Dr. John L. Spencer, Associate  
Director, Medical Services, Roche Laboratories, Nutley 10,  
New Jersey) a grant-in-aid for research in "Study of  
Madribon Therapy" under the direction of Drs. Jay Sanford  
and George Shropulos, deposited to "Hoffman-LaRoche, Inc.-  
Study of Madribon Therapy" (Account 8294) 1,993.00 *S-164c*
- ✓19. From the Lalor Foundation (Mr. C. Lalor Burdick, Director  
4400 Lancaster Pike, Wilmington 5, Delaware) the award of  
a grant for support of research on "The Effects of the  
Ovarian Hormones and Pregnancy on the Transmembrane and  
Action Potentials of Rat Uterus as Determined with  
Ultramicroelectrodes" under the direction of Dr. Carlton  
E. Melton, Jr., for the period June 1, 1959 through May 31,  
1960, to be deposited to "The Lalor Foundation-Electrical  
Characteristics of Uterine Musculature" (Account 8560) 5,000.00 *S-166a*
- ✓20. From the National Fund for Medical Education (Attention:  
Mr. Chase Mellen, Jr., Executive Vice President, Two West  
46th Street, New York 36, New York) a grant for the support  
of The University of Texas Southwestern Medical School  
instructional budget, deposited to "National Fund for  
Medical Education" (Account 7550) 37,860.00 *S-173*

GOVERNMENT CONTRACTS AND GRANTS AND OTHER AGREEMENTS - continued

- ✓ 21. From the American Heart Association (Dr. John H. Peters, Assistant Medical Director for Research, 44 East 23rd Street, New York 10, New York), the following:

  - a. Grant-in-aid for three years for support of research on "Relationship of inapparent pyelonephritis to arterial hypertension" under the direction of Dr. Jay P. Sanford, for the period July 1, 1959 through June 30, 1962, payable annually in the amounts of \$5,775, \$5,500 and \$5,500, respectively, to be deposited to "American Heart Association-Research on Pyelonephritis" (Account 8226) \$16,775.00
  - b. Grant-in-aid for three years for support of research on "Factors influencing the excretion and synthesis of cholesterol" under the direction of Dr. Marvin D. Siperstein, for the period July 1, 1959 through June 30, 1962, payable annually in the amounts of \$9,900 each, to be deposited to "American Heart Association-Metabolism Studies" (Account 8228) 29,700.00
  
- ✓ 22. From the American Medical Association (Dr. Norman DeNosauquo, Secretary, Council on Research of the Council on Drugs, 535 North Dearborn, Chicago 10, Illinois) a grant-in-aid to support "investigation of the cause and pathogenesis of atherosclerosis: A histochemical and electron microscopic study" under the direction of Dr. C. T. Ashworth, limited to the purchase of diets, animals, and expendable equipment for electron microscopy and histochemistry, deposited to "American Medical Association Grant-in-Aid No. 402-Expendable Supplies for Research on Atherosclerosis" (Account 8435) 500.00
  
- ✓ 23. From the American Trudeau Society (Dr. Floyd M. Feldmann, Director of Medical Research, Medical Section-National Tuberculosis Association, 1790 Broadway, New York 19, New York) a grant-in-aid for support of research on "A study of the mechanical properties of the lungs and the energy cost of breathing in relation to dyspnea in health and disease" under the direction of Dr. William F. Miller for the period July 1, 1959 through June 30, 1960, to be deposited to "National TB Association-American Trudeau Society-Study of Mechanical Properties of Lungs" (Account 8334) 5,923.00
  
- ✓ 24. From Bristol Laboratories, Inc. (Dr. Charles H. Mann, 630 Fifth Avenue, New York 20, New York) continued support of research on "Clinical evaluation of kanamycin and tetracycline formulations" under the direction of Dr. Jay P. Sanford for the period April 1, 1959 through March 31, 1960, deposited to "Bristol Laboratories, Inc. Evaluation of Kanamycin and Telomycin" (Account 8234) 1,202.00
  
- ✓ 25. From Dallas Tuberculosis Association (Dr. Elliott Mendenhall, Chairman, Medical Research Committee, 3925 Maple Avenue, Dallas, Texas) continued support of research on "Continuation of Work on Chemical Stimulation of Local and Systemic Eosinophilia and Chromogenic Mycobacterial Infections in Children" under the direction of Drs. John Chapman and L. Ruth Guy, for the period April 1, 1959 through March 31, 1960, to be paid quarterly and deposited to "Dallas TB Association-Research Expense" (Account 8828) 7,344.00
  
- ✓ 26. From Lederle Laboratories (Dr. Benjamin W. Carey, Medical Director, Pearl River, New York) medical student research fellowships, each in the amount of \$600 awarded to David K. Fletcher and Kenneth R. Bennett, to be deposited to "Lederle Medical Student Research Fellowships" (Account 9214) 1,200.00

GOVERNMENT CONTRACTS AND GRANTS AND OTHER AGREEMENTS - continued

- ✓27. From Pitman-Moore Company (Dr. Carl A. Bunde, Vice President, Research, Indianapolis 6, Indiana) support of a research project on leukemia under the direction of Drs. JoAnne Whitaker and Teresa Vicitti, deposited to "Pitman-Moore Company-Leukemia Research in Pediatrics" (Account 8739) 1,000.00 *S-174c*
28. ✓ From Southwestern Medical Foundation (Mr. Karl Hoblitzelle, President, Medical Arts Building, Dallas, Texas) a grant for continued support of research on "Ultraviolet irradiation studies of normal and malignant cells" under the direction of Dr. P. O'B. Montgomery for the period May 1, 1959 through April 30, 1960, deposited to "Southwestern Medical Foundation-TV Techniques in Study of Normal & Cancer Cells" (Account 8774) 11,307.00 *S-103.8*
29. From Texas Heart Association (Dr. Ernest T. Guy, Executive Director, 404 Jesse H. Jones Library Building, Houston 25, Texas) award of a grant for research on "Study of the mechanism for the homeostatic control of cholesterol synthesis" under the direction of Dr. Marvin D. Siperstein for the period December 1, 1958 through June 30, 1959, deposited to "Texas Heart Association-Cholesterol Synthesis" (Account 8360) 8,102.00 *S-176c*
30. ✓ From the Southwestern Medical Foundation (Mr. Karl Hoblitzelle, President, Medical Arts Building, Dallas, Texas) the first half payment of the second year grant for the development of a program for research and teaching in problems of alcoholism under the direction of the Chairman of the Department of Psychiatry, deposited to "Southwestern Medical Foundation-Clinic for Study of Problems of Alcoholism" (Account 8610) 12,500.00 *S-103d*
31. ✓ From Alcon Laboratories, Inc. (Mr. D. L. Merrill, Vice-President, Director of Laboratories, P. O. Box 1959, Fort Worth, Texas) a grant-in-aid for research on "The Evaluation of Intraocular Pressure Differentials Prevailing in Advanced Glaucoma by Direct Pressure" under the direction of Dr. Carroll W. Browning and Dr. C. E. Melton, for the period May 1, 1959 through April 30, 1960, deposited to "Alcon Laboratories, Inc.-Evaluation of Intraocular Pressure Differentials" (Account 8650) 5,300.00 *S-157b*
32. ✓ From Texas Heart Association, (Dr. Ernest T. Guy, Executive Director, 404 Jesse H. Jones Library Building, Houston 25, Texas) a grant for research on "Factors Responsible for Refractoriness to Diuretics" under the direction of Dr. Donald W. Seldin for the period July 1, 1959 through June 30, 1960, deposited to "Texas Heart Association-Factors Responsible for Refractoriness to Diuretics" (Account 8356) 5,000.00 *S-176d*

GIFTS: It is recommended that the following cash gifts, for expenditure at the direction of the department or individual indicated, be accepted and that the appreciation of the Board of Regents be sent to the donors. There is no terminal date for expenditure of funds unless specifically stated below. Item 1 has been reported previously and documented.

*no 6/8/59*  
Gifts of More than \$100

- ✓1. From the ~~Children's Medical Center~~ (Mr. James Farnsworth, Director, 2306 Welborn Street, Dallas, Texas) payment for the months of February, March and April, 1959, for the use of the Department of Anesthesiology, deposited to "Children's Medical Center-Anesthesia Fund-direction of the Department Chairman" (Account 7590) 3,000.00 *S-115*
- ✓2. From Dr. C. F. Gregory (Division of Orthopedic Surgery, Southwestern Medical School) contributions to "Faculty Gifts for Orthopedic Surgery" (Account 8046) 565.00 *S-125a*

Gifts of More than \$100 - continued

- 3. From Mrs. W. W. Beasley (328 East 9th Street, Bonham, Texas) a contribution in memory of Mary Beasley deposited to "Various Donors-Cardiac Surgical Research" (Account 8696) S-117a  
\$ 150.00
- 4. From Mr. J. L. Allhands (Southwestern Life Building, Dallas, Texas) a contribution "to be used in the Department of Pediatrics for medical students in their research activities under the direction of Dr. JoAnne Whitaker" deposited to "J. L. Allhands Gift for Student Fellowships in Pediatrics" (Account 9200) S-157c  
600.00
- 5. From Mrs. J. Franklin Reeves (4515 Walnut Hill Lane, Dallas, Texas) a contribution in memory of her mother, Mrs. Gilbert G. Wright, deposited to "Edward H. Cary Fund for Ophthalmology" (Account 8040) S-118  
320.00
- 6. From Mr. J. K. Dobbs (Dobbs House Restaurants, 120 South Third Street, Memphis 3, Tennessee) a contribution for pulmonary research, deposited to "J. K. Dobbs - Gift for Pulmonary Research" (Account 8292) S-164a.1  
4,700.00
- 7. From Dallas Heart Association, Inc. (Mr. J. Robert Phillips, Jr., Chairman of the Board, 3622 Maple Avenue, Dallas 19, Texas) a contribution for the purchase of an Electronic Integrator to be used in the research program on atherosclerosis under the direction of Dr. Marvin Siperstein, deposited to "Dallas Heart Association-Purchase of Electronic Integrator" (Account 8257) S-164  
1,500.00
- 8. From the Baylor Medical Alumni Library Association, Inc. (Dr. W. W. Looney, Secretary-Treasurer, 738 West 10th at Vernon, Dallas 8, Texas) a contribution representing the remaining portion of the fund set aside for the purchase of special volumes for the Southwestern Medical School Library. (Reference: Regents' Minutes, September 12, 1953, page 5-5). These funds are subject to the following stipulations: S-100
  - a. Not more than \$1,200 of the principal will be used per annum;
  - b. The remainder of the fund will be kept in trust and may be invested at the discretion of Southwestern Medical School authorities; and,
  - c. The Board of Regents of the University of Texas will furnish the Baylor Medical Alumni Library Association, Inc., a letter stating their compliance with the two conditions listed above.16,082.48

total  
X

Gifts of \$100 or less

- 1. From the First Baptist Church W.M.U. (Mrs. Claude English, Treasurer, Bonham, Texas) a contribution in memory of Mary Beasley, deposited to "Various Donors-Cardiac Surgical Research" (Account 8696) S-117a  
5.00
- 2. From Mr. and Mrs. Kay Carpenter (6840 Colfax Drive, Dallas 31, Texas) a contribution in memory of Mr. Eugenia Crownrich, deposited to "Various Donors-Dallas Eye Bank" (Account 8692) S-101  
5.00
- 3. From the Baylor Medical Alumni Library Association, Inc. (Dr. W. W. Looney, 738 West Tenth, Dallas, Texas) the regular monthly payments for March and April, 1959, deposited to "Baylor Medical Alumni Library Fund" (Account 8900) S-100  
200.00
- 4. From Dr. Carroll W. Browning (101 North Zangs, Dallas 8, Texas) a contribution to "Dr. Edward H. Cary Fund for Ophthalmology" (Account 8049) S-118  
100.00
- 5. From Dr. B. C. Halley, Jr. (3707 Gaston Avenue, Dallas 10, Texas) a contribution to "Faculty Gifts for Orthopedic Surgery" (Account 8046) S-125a  
37.50

Gifts of \$100 or less - continued

6. From Miss Anne Rucker (Registrar, Southwestern Medical School) a contribution in memory of Mrs. Chester R. Cole for deposit to "Various Donors-for Rheumatic Fever" (Account 8478) S-119 5.00

The following contributions were received for deposit to "Various Donors-Cardiopulmonary Fund" (Account 8372): S-114b

7. From Mr. Harold Hatch (Argonaut Underwriters, Inc., Menlo Park, California) for pulmonary research 100.00
8. From Dr. William F. Miller (Cardiopulmonary Division, Southwestern Medical School) 8.00

The following contributions were received for deposit to "Various Donors-Cancer Research Memorial Fund" (Account 8776): S-116

9. From Mrs. A. H. Gooley (4708 Wadworth Drive, Dallas, Texas) in memory of Mrs. Hulda Wiese 9.50
10. From Mr. and Mrs. T. C. Hazard (Red Oak, Texas) in memory of Sam E. Brin 5.00
11. From Mrs. Nannie Rozelle and Mrs. Pearl Homan (5815 McCommas, Dallas, Texas) in memory of Mrs. R. H. Buck 5.00
12. From Mr. and Mrs. Lloyd W. Birdwell (Industrial Office Supply, 1708 North Industrial, Dallas 7, Texas) in memory of Mr. Hugh Ferguson, Jr. 100.00

The following contributions were received for deposit to "Various Donors-Cancer Research" (Account 8780): S-117

13. From Mr. and Mrs. Melvin E. Kurth (1603 North Blvd., Houston 6, Texas) in memory of Mrs. A. V. Cockrell 25.00
14. From Mrs. Allen Charlton (4642 Belclaire, Dallas 9, Texas) in memory of Mrs. A. V. Cockrell 10.00
15. From Mrs. Ward Cannon (5534 Nakoma, Dallas, Texas) in memory of Mrs. A. V. Cockrell 25.00
16. From Miss Emma Gaines (1131 Berthea Avenue, Houston 6, Texas) in memory of Mrs. A. V. Cockrell 10.00
17. From Mrs. Tom Gooch (3724 Armstrong Avenue, Dallas 5, Texas) in memory of Mrs. A. V. Cockrell 25.00
18. From Mr. and Mrs. Griffith Moore (4601 Beverly Drive, Dallas, Texas) in memory of Dr. Phil Magrish 5.00
19. From Mrs. William Wirt Leake (3528 Drexel Drive, Dallas, Texas) in memory of Mrs. A. V. Cockrell 3.00

The following contributions were received for deposit to "Various Donors-Cancer Research in Surgery Fund" (Account 8786) S-117

20. From Mr. and Mrs. Frederic Lahee and Mr. John A. Lahee (7219 Kenny Lane, Dallas, Texas) in memory of Anna Perkins Young Adams 15.00
21. From Mrs. R. J. Rudd (Jake Rudd Farms, Red Oak, Texas) 5.00
22. From the Employees of the Department of Surgery (Southwestern Medical School) in memory of Ben E. Canary 14.00

Gifts of \$100 or less - continued

The following contributions were received for deposit to "Various Donors-Leukemia Research Fund" (Account 8790):

- S-105
23. From Mrs. Myrtle M. Levy (5923 Luther Lane, Dallas, Texas) in memory of Dr. Jerome Nast and Asher Mintz 6.00
24. From Dr. and Mrs. Harry R. Levy, Jr. (3805 Villanova, Dallas 25, Texas) in memory of Asher Mintz and Dr. Jerome Nast 5.00
25. From Mr. and Mrs. Irwin Bernstein (1525 Tahlequah, Enid, Oklahoma) in memory of Dr. Jerome Nast 5.00
26. From Mrs. Myrtle Levy (5923 Luther Lane, Dallas, Texas) in honor of the birthdays of Carol Simon and Joe Fishman 6.00

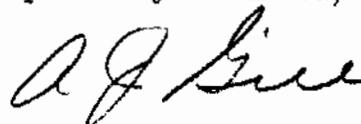
The following contributions were received for deposit to "Various Donors-Memorial Heart Research Fund" (Account 9186):

- S-122
27. From Mrs. O. D. Bates (7109 Wild Grove, Dallas 14, Texas) in memory of Ollie E. McAdams 5.00
28. From Mr. and Mrs. Lloyd W. Birdwell (Industrial Office Supply, 1708 North Industrial, Dallas 7, Texas) in memory of John S. Dufford, Earl Story and Mrs. Gretchen Faust Faltin 100.00
29. From Ben W. Smith, Jr. (721 South Rusk, Gainesville, Texas) in memory of Mary Beasley 5.00

The following contributions were received for deposit to "Various Donors-Teaching and Research Fund" (Account 9190):

- S-133
30. From Mr. and Mrs. Lloyd W. Birdwell (Industrial Office Supply, 1708 North Industrial, Dallas 7, Texas) in memory of Mrs. Ethel Kipp, Mr. Alphonso Ragland, Jr. and Mr. Edward C. Green 60.00
31. From Dr. and Mrs. Cecil O. Patterson (3437 Southwestern Blvd., Dallas 25, Texas) in memory of Mr. Robert J. Shepard 5.00
32. From Dr. R. G. Campbell (Suite 221, Preston Doctors Building, 8215 Westchester, Dallas 25, Texas) in memory of J. G. Blakeway, Sr. 10.00
33. From Mrs. William D. Kiebler (5774 Berkshire Lane, Dallas, Texas) in memory of the mother of Dr. Charles Warren 25.00
34. From Dr. and Mrs. B. J. Wynne, Jr. (Medical Arts Building, Dallas, Texas) in memory of Mr. John B. Cowden, Sr. 10.00
35. From Louis A. Kregel, M.D. (3707 Gaston Avenue, Dallas, Texas) in memory of Mr. P. A. Schurba 5.00
36. From Mrs. Asher Mintz (5038 DeLoache, Dallas 20, Texas) in memory of Mr. Milton Harris 3.00
37. From Dr. and Mrs. T. M. Kirksey (4521 North Versailles, Dallas 5, Texas) in memory of Judge Dwight L. McCormack. 5.00

Respectfully submitted,



A. J. Gill, M.D.  
Dean

## THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL SCHOOL

SALARY RANGES COVERING  
CLASSES OF POSITIONS IN THE CLASSIFIED SERVICE

EXPLANATION: Below are listed the salary ranges for classes of positions in the Classified Service of The University of Texas Southwestern Medical School. The first column indicates the index number of the class; the second column, the class title; the third column, the monthly salary range for the class, i.e., the minimum and maximum rates to be paid to incumbents of positions of the class; the fourth column, the annual salary ranges for the class; the last column the salary step number, which refers to the basic salary schedule (Table 2). The "Intermediate steps" are those rates which fall between the indicated minimum and maximum rates and can be found in Table 2.

The salary ranges are intended to provide an equitable level of compensation for each class of employment. Ranges are determined through study and analysis of the following factors: prevailing rates of pay for comparable employment by private and other public employers, present economic conditions, present labor market conditions, past University and Medical School pay policies, and the relationship of the different classes of employment as determined through evaluation of duties and responsibilities of each position.

CLASS	RANGE			
	Monthly	Annual	Step Number	
(See Table No. 2 for Intermediate Steps and Hourly Rates)				
DXXX CLERICAL, FISCAL, AND ADMINISTRATIVE SERVICE				
0000	Clerical Assistant	\$181-230	\$2170-2730	17
0001	Clerk	200-252	2400-3024	19
0002	Senior Clerk	264-335	3168-4020	25
0003	Administrative Clerk	290-404	3480-4848	27
0010	Clerk Typist	210-277	2520-3324	20
0011	Senior Clerk Typist	264-335	3168-4020	25
0020	Secretary	241-304	2892-3648	23
0021	Senior Secretary	277-367	3324-4404	26
0022	Administrative Secretary	335-424	4020-5088	30
0024	Administrative Assistant	424-539	5088-6468	35
0040	Assistant to Business Manager	404-565	4848-6780	34
0100	Accounting Clerk	241-304	2892-3648	23
0105	Bookkeeper	290-367	3480-4404	27
0110	Accountant I	<del>367-467</del>	4404-5604	32
0111	Accountant II	<del>424-565</del>	5088-6780	35
0113	Internal Auditor	<del>467-592</del>	5604-7104	37
0300	Switchboard Operator	220-277	2640-3324	21
0400	Stores Clerk I	210-264	2520-3168	20
0401	Stores Clerk II	252-320	3024-3840	24
0402	Storekeeper	351-445	4212-5340	31
0700	Personnel Director	367-514	4404-6168	32

Table No. 1  
Page 2

	<u>CLASS</u>	<u>MONTHLY</u>	<u>ANNUAL</u>	<u>STEP NUMBER</u>
IXXX	MEDICAL AND HOSPITAL SERVICE			
1201	Clinic Nurse	\$304-335	\$3648-4620	28
1212	Metabolic Nurse	304-404	3648-4848	28
2XXX	RESEARCH AND SCIENTIFIC SERVICE			
2000	Animal Caretaker	181-252	2172-3024	17
2010	Laboratory Helper	181-252	2172-3024	17
2020	Laboratory Technical Assistant	190-264	2280-3168	18
2030	Anatomical Embalmer	230-320	2760-3840	22
2200	Research Technician I	277-351	3324-4212	26
2201	Research Technician II	<del>351-467</del>	4212-5604	31
2202	Research Associate	<del>404-592</del>	4848-7104	34
2210	Engineering Technician I	<del>404-592</del>	4848-7104	34
2211	Engineering Technician II	<del>514-710</del>	6168-8520	39
2220	Research Engineer-Scientist I	650-835	7800-10020	44
2300	Medical Photographic Technician	252-320	3024-3840	24
2320	Medical Art Technician I	252-320	3024-3840	24
2321	Medical Art Technician II	304-385	3648-4620	28
3XXX	ENGINEERING, TRADES AND LABOR SERVICE			
3020	Maintenance Foreman	385-490	4620-5880	33
3035	Director, Physical Plant	620-770	7440-9240	43
3100	Utilities Station Operator	252-320	3024-3840	24
3110	Mechanical Foreman	385-490	4620-5880	33
3200	Maintenance Man	210-264	2520-3168	20
3209	Cabinetmaker	320-404	3840-4848	29
3220	Electrician	304-404	3648-4848	28
3230	Painter	290-385	3480-4620	27
3240	Plumber	290-385	3480-4620	27
3400	Offset Press Operator	277-351	3324-4212	26
3500	Laborer	161-230	2172-2760	17
3501	Utility Worker	190-241	2280-2892	18
4XXX	CUSTODIAL AND FOOD SERVICE			
4100	Dietary Aide	164-220	1968-2640	15
4200	Custodial Worker	172-220	2064-2640	16
4210	Custodial Foreman	<del>290-385</del>	3480-4620	27
4300	Security Officer	190-241	2280-2892	18
5XXX	LIBRARY SERVICE			
5000	Library Attendant	190-241	2280-2892	18
5010	Assistant Librarian I	277-385	3324-4620	26
5100	Assistant Librarian II	385-467	4620-5604	33

SOUTHWESTERN MEDICAL SCHOOL FACULTY LIST  
FOR THE YEAR BEGINNING SEPTEMBER 1, 1959

"Clinical" generally indicates other than full-time paid status,  
"#" indicates a new appointment, and "#" indicates a change of status.

- ADMINISTRATION** Atticus James Gill, Dean and Professor of Pathology  
Frank Harrison, Associate Dean, Professor of Anatomy, Director of  
Electronics Laboratory and Acting Chairman of the Department of Anatomy  
John Stewart Chapman, Assistant Dean for Postgraduate Education  
and Alumni Relations, and Professor of Internal Medicine  
Robert Woodfin Lackey, Assistant Dean for Student and Curricular Affairs  
and Professor and Chairman of the Department of Physiology  
James Ross MacDonald, Clinical Associate Professor of Medical Electronics  
Andrew Buchanan Small, Clinical Associate Professor of Surgery and  
Director of Cancer Program  
Anne Rose Rucker, Registrar and Assistant
- RARE** Mrs. Violet Baird, Librarian, and Assistant in Library Science  
Mrs. Elinor Calmbach Reinmiller, Associate Librarian and  
Assistant in Library Science
- ATOMY** \_\_\_\_\_, Professor and Chairman of the Department  
Charles G. Duncan, Professor (modified service)  
Frank Harrison, Professor, Associate Dean, Director of Electronics  
Laboratory and Acting Chairman of the Department  
Hal T. Weathersby, Associate Professor  
Virginia Doggett, Assistant Professor  
Norman L. Biggs, Instructor  
Glenn Cherry, Clinical Instructor (in Neurosurgery)  
Milton V. Davis, Clinical Instructor (in Thoracic Surgery)  
Sally B. Fand, Instructor  
William Zebrun, Instructor  
Larry A. Arnspiger, Clinical Assistant
- ANESTHESIOLOGY** M. T. Jenkins, Professor and Chairman of the Department  
Oliver Franklin Bush, Clinical Assistant Professor  
Dennis Canter, Clinical Assistant Professor  
Robert Truman Capps, Clinical Assistant Professor  
Raymond Frank Courtin, Clinical Assistant Professor  
Karl Wayne Erwin, Assistant Professor  
Ivey Earl Lamberth, Jr., Clinical Assistant Professor  
Nellie Ryan Luhn, Clinical Assistant Professor  
Oscar Brown Williams, Jr., Clinical Assistant Professor  
Joe Billy Wood, Clinical Assistant Professor  
William David Baird, Clinical Instructor  
George E. Emmett, Clinical Instructor  
Gerald G. Mullikin, Clinical Instructor  
Gloria Hansel Nash, Clinical Instructor  
Charles M. Sloan, Clinical Instructor  
Charles Courts Tandy, Clinical Instructor  
David G. Whitney, Clinical Instructor
- CHEMISTRY** H. C. Tidwell, Professor and Chairman of the Department  
W. W. Burr, Jr., Associate Professor  
Donald S. Wiggans, Associate Professor  
John M. Johnston, Assistant Professor  
Joseph Lospalluto, Assistant Professor  
H. W. Rumsfeld, Assistant Professor
- PHYSICS** Allen F. Reid, Professor and Chairman of the Department  
Henry Lanz, Clinical Professor  
Jack K. Jeanes, Instructor
- EXPERIMENTAL  
PHYSIOLOGY** Arthur Grollman, Professor and Chairman of the Department  
Fred N. White, Assistant Professor  
Wadi N. As-Suki, Clinical Fellow

INTERNAL  
MEDICINE

Donald W. Seldin, Professor and Chairman of the Department  
 Henry W. Winans, Sr., Professor Emeritus  
 Robert M. Barton, Consultant  
 David W. Carter, Jr., Consultant  
 Tate Miller, Consultant  
 Gilbert E. Brereton, Clinical Professor  
 Carleton B. Chapman, Professor  
 John Stewart Chapman, Professor and Assistant Dean for Postgraduate  
 Education and Alumni Relations  
 Ben Friedman, Professor (without tenure)  
 Alfred W. Harris, Clinical Professor  
 Howard E. Heyer, Clinical Professor  
 Morton F. Mason, Professor of Forensic Medicine and Toxicology  
 W. Grady Reddick, Clinical Professor  
 Milford O. Rouse, Clinical Professor  
 Maurice M. Scurry, Clinical Professor  
 Samuel A. Shelburne, Clinical Professor  
 Paul J. Thomas, Clinical Professor  
 Ralph Tompsett, Professor (without tenure)  
 Morris Ziff, Professor  
 C. Frank Brown, Clinical Associate Professor  
 Henry F. Carman, Clinical Associate Professor  
 Howard C. Coggeshall, Clinical Associate Professor  
 Seymour Eisenberg, Associate Professor (without tenure)  
 Hubert F. Hawkins, Clinical Associate Professor  
 E. Russell Hayes, Clinical Associate Professor  
 LeMaistre, Charles A., Associate Professor  
 Madison, Leonard L., Associate Professor  
 Mendenhall, Elliott M., Clinical Associate Professor  
 William F. Miller, Associate Professor  
 Cecil O. Patterson, Clinical Associate Professor  
 Edwin Rippy, Clinical Associate Professor  
 Holbrooke Seltzer, Associate Professor (without tenure)  
 Delmar O. Shields, Clinical Associate Professor  
 Marvin D. Siperstein, Associate Professor  
 James S. Sweeney, Clinical Associate Professor  
 Russell Wilson, Clinical Associate Professor  
 Louis E. Allday, Clinical Assistant Professor  
 John S. Bagwell, Clinical Assistant Professor  
 Martin S. Buehler, Clinical Assistant Professor  
 Lawrence Cameron, Clinical Assistant Professor  
 Ben Cohen, Clinical Assistant Professor  
 Burton Combes, Assistant Professor  
 William Daily, Clinical Assistant Professor  
 Richard Dathe, Clinical Assistant Professor  
 George Edwards, Clinical Assistant Professor  
 Sven G. Eliasson, Assistant Professor  
 Robert B. Giles, Jr., Clinical Assistant Professor  
 William C. Grater, Clinical Assistant Professor  
 T. Haynes Harvill, Clinical Assistant Professor  
 James H. Herndon, Clinical Assistant Professor  
 J. Morris Horn, Clinical Assistant Professor  
 George M. Jones, Clinical Assistant Professor  
 Ben A. Merrick, Clinical Assistant Professor  
 M. Hill Metz, Clinical Assistant Professor  
 Billy Oliver, Clinical Assistant Professor  
 William H. Potts, Clinical Assistant Professor  
 Edward S. Ross, Clinical Assistant Professor  
 \* Joseph R. Rubini, Assistant Professor (without tenure)  
 Jay Phillip Sanford, Assistant Professor  
 Lawrence B. Sheldon, Clinical Assistant Professor  
 Charles Shuey, Clinical Assistant Professor  
 Martin L. Stephenson, Clinical Assistant Professor  
 Donald A. Sutherland, Clinical Assistant Professor  
 James O. Armstrong, Clinical Instructor  
 Herbert A. Bailey, Clinical Instructor  
 T. S. Barnes, Clinical Instructor  
 William E. Barnett, Clinical Instructor  
 Fouard Bashour, Instructor  
 Wallace Bassett, Clinical Instructor  
 John Baum, Instructor

INTERNAL  
 MEDICINE  
 (continued)

James F. Biggart, Clinical Instructor  
 John Binion, Clinical Instructor  
 Richard Block, Clinical Instructor  
 David M. Bornstein, Clinical Instructor  
 Donald S. Brown, Clinical Instructor  
 Norman Carter, Instructor  
 William Crockett Cheers, Jr., Clinical Instructor  
 Catherine Chester, Clinical Instructor  
 Lynn C. Christianson, Clinical Instructor  
 Joseph B. Cobb, Clinical Instructor  
 Chester Cook, Clinical Instructor  
 Hal Joseph Dewlitt, Clinical Instructor  
 Bill M. Domm, Clinical Instructor  
 F. Clark Douglas, Clinical Instructor  
 Charles N. Duncan, Clinical Instructor  
 W. L. (Jack) Edwards, Clinical Instructor  
 John A. Emmert, Clinical Instructor  
 John W. Fisher, Clinical Instructor  
 Leonard J. Flohr, Clinical Instructor  
 Sol J. Freeman, Clinical Instructor  
 Jabez Galt, Clinical Instructor  
 John William Geibel, Jr., Clinical Instructor  
 Frederick Geist, Clinical Instructor  
 James E. Goode, Clinical Instructor  
 Marion J. Greve, Clinical Instructor  
 Max B. Hagedorn, Clinical Instructor  
 E. Richard Halden, Jr., Instructor  
 C. F. Hamilton, Clinical Instructor  
 Albert Hendler, Clinical Instructor  
 William M. Hibbitts, Clinical Instructor  
 Richard B. Hunter, Clinical Instructor  
 Robert L. Johnson, Jr., Instructor  
 Jacob S. Krakusin, Clinical Instructor  
 # David C. Lindsey, Clinical Instructor  
 James S. Lowry, Clinical Instructor  
 John S. Marietta, Clinical Instructor  
 Eugene Mason, Clinical Instructor  
 Porter K. Mason, Clinical Instructor  
 James R. McAlister, Clinical Instructor  
 Robert S. Meador, Clinical Instructor  
 Robert Mitz, Clinical Instructor  
 Joseph C. Ogle, Clinical Instructor  
 Taylor T. Pickett, Clinical Instructor  
 Robert J. Potts, Clinical Instructor  
 Richard J. Puls, Clinical Instructor  
 Paul Rattan, Clinical Instructor  
 Floyd C. Rector, Jr., Instructor  
 Harry J. Renken, Clinical Instructor  
 Paul Richburg, Clinical Instructor  
 Joseph Rothschild, Clinical Instructor  
 Gus Schreiber, Clinical Instructor  
 David E. Streitmatter, Clinical Instructor  
 H. C. Teng, Instructor  
 William O. Tschumy, Jr., Clinical Instructor  
 Herman Ulevitch, Clinical Instructor  
 Robert H. Unger, Clinical Instructor  
 Tracy I. Wallace, Clinical Instructor  
 Lenore S. Warden, Clinical Instructor  
 Ann West, Clinical Instructor  
 Bryan Williams, Jr., Clinical Instructor  
 Henry M. Winans, Jr., Clinical Instructor  
 Julius Wolfram, Clinical Instructor  
 Buck Wynne, Jr., Clinical Instructor  
 John Allen, Clinical Assistant  
 Bassel Blanton, Clinical Assistant  
 J. Y. Bradfield, Clinical Assistant  
 \* James R. Clapp, Assistant  
 Edwin Cleveland, Clinical Assistant  
 Marietta Crowder, Clinical Assistant  
 Leon W. Dierolf, Jr., Clinical Assistant  
 \* Oren Ellis, Assistant

INTERNAL  
MEDICINE  
(continued)

John Philip Fisher, Clinical Assistant  
 Arvel Haley, Clinical Assistant  
 N. J. Harris, Clinical Assistant  
 \* William Haynes, Clinical Assistant  
 Carey King, Clinical Assistant  
 Victor Lyday, Clinical Assistant  
 Morris E. Magers, Clinical Assistant  
 Arch J. McNeill, Clinical Assistant  
 Donald W. Munsell, Clinical Assistant  
 Joseph B. Murphy, Clinical Assistant  
 T. H. Obenchain, Clinical Assistant  
 Fred G. Popkess, Clinical Assistant  
 Robert Portman, Clinical Assistant  
 William S. Reynolds, Clinical Assistant  
 Tom Roberts, Clinical Assistant  
 Frederick W. Veninga, Clinical Assistant  
 Wilbur D. Waldron, Clinical Assistant  
 Kerfoot P. Walter, Jr., Clinical Assistant  
 Paul Whittlesey, Clinical Assistant  
 Harold B. Sanders, Lecturer (Medical Jurisprudence)  
 Paul Arthur April, Clinical Fellow  
 Richard Archer, Clinical Fellow  
 Jack A. Barnett, Clinical Fellow  
 Tom Bruce, Clinical Fellow  
 James R. Clapp, Fellow  
 Paul Connor, Clinical Fellow  
 Ivan Cushing, Clinical Fellow  
 Oren Ellis, Fellow  
 Dan Foster, Clinical Fellow  
 Carl M. Goldsmith, Clinical Fellow  
 Betty Hunter, Clinical Fellow  
 Hugh Jasin, Clinical Fellow  
 Walter Harold Lawson, Fellow  
 Lewis Lefkowitz, Clinical Fellow  
 William Earl Miller, Jr., Clinical Fellow  
 James D. O'Keefe, Clinical Fellow  
 Carmelo Porto, Fellow  
 Al Roberts, Clinical Fellow  
 Robert K. Windom, Clinical Fellow

Dermatology  
and Syphilology \_\_\_\_\_, Chairman of the Division

Arthur G. Schoch, Clinical Professor  
 Bedford Shelmire, Clinical Professor  
 John G. Brau, Clinical Associate Professor  
 Earl L. Loftis, Clinical Associate Professor  
 Lee J. Alexander, Clinical Assistant Professor  
 James B. Howell, Clinical Assistant Professor  
 Joseph M. Riddell, Jr., Clinical Assistant Professor  
 D. Shelton Blair, Clinical Instructor  
 Alexander A. Eisenberg, Clinical Instructor  
 Haynes M. Fowler, Clinical Instructor  
 Coleman Jacobson, Clinical Instructor  
 Eugene Schoch, Clinical Instructor  
 Jesse Bedford Shelmire, Jr., Clinical Instructor

Preventive  
Medicine and  
Public Health

Elias Strauss, Clinical Professor and Chairman of the Division  
 Albert Scheidt, Clinical Professor  
 James Bass, Clinical Assistant Professor  
 Roy E. Dulak, Lecturer  
 Olivia Smythe, Lecturer  
 Earl W. Sudderth, Lecturer

## MEDICAL ART

Lewis B. Waters, Professor and Chairman of the Department  
 Patricia N. O'Neill, Associate Professor  
 Ruth M. Sanders, Associate Professor  
 Robert A. Sage, Assistant Professor

MICROBIOLOGY S. Edward Sulkin, Professor and Chairman of the Department  
 Robert Merrett Pike, Professor  
 Paul Donaldson, Assistant Professor  
 L. Ruth Guy, Clinical Assistant Professor  
 William Bernard Hessclbrock, Clinical Assistant Professor  
 Donald V. Moore, Assistant Professor  
 Eugene Rosenblum, Assistant Professor  
 Clifton Shepler, Veterinarian and Instructor  
 James Finney, Clinical Assistant  
 Albert Tocker, Clinical Assistant  
 Libero Ajello, Lecturer

OBSTETRICS AND GYNECOLOGY Jack A. Pritchard, Professor and Chairman of the Department  
 Joseph W. Bourland, Sr., Emeritus Professor  
 Elbert Dunlap, Emeritus Professor  
 Asa A. Newsom, Sr., Emeritus Professor  
 Taylor Clyde Gilbert, Consultant  
 Gomer Flow Goff, Consultant  
 Minnie Lee Maffett, Consultant  
 Julius McIver, Consultant  
 Wayne T. Robinson, Consultant  
 William Perkins Devereux, Clinical Professor  
 William Frederick Guerriero, Clinical Professor  
 Donald G. Harrel, Clinical Professor  
 Oran V. Prejean, Clinical Professor  
 William Kemp Strother, Jr., Clinical Professor  
 Jules W. Vieaux, Clinical Professor  
 James T. Downs, Clinical Associate Professor  
 J. Russell Jordan, Clinical Associate Professor  
 Herman I. Kantor, Clinical Associate Professor  
 William G. Langston, Clinical Associate Professor  
 Evri B. Mendel, Clinical Associate Professor  
 Reuben H. Adams, Assistant Professor  
 Fred W. Bone, Clinical Assistant Professor  
 Robert G. Campbell, Clinical Assistant Professor  
 Stephen W. Cobb, Clinical Assistant Professor  
 Vanda A. Davidson, Clinical Assistant Professor  
 Stewart A. Fish, Clinical Assistant Professor  
 James Goodson, Clinical Assistant Professor  
 Hodgie C. Henderson, Clinical Assistant Professor  
 Ernest T. Herndon, Clinical Assistant Professor  
 Marianna Hood, Clinical Assistant Professor  
 Ben K. Howard, Clinical Assistant Professor  
 Mary A. Jennings, Clinical Assistant Professor  
 Jack Henry Kamholz, Clinical Assistant Professor  
 Hugh D. Murray, Clinical Assistant Professor  
 Grover C. Nabors, Clinical Assistant Professor  
 Philip D. Newell, Clinical Assistant Professor  
 Festus J. Sebastian, Clinical Assistant Professor  
 # Richard A. Sparr, Clinical Assistant Professor  
 Watt W. Winn, Clinical Assistant Professor  
 Raymond H. Abrams, Clinical Instructor  
 # Richard M. Baldwin, Instructor  
 Paige Bayoud, Clinical Instructor  
 Thomas R. Bennett, Clinical Instructor  
 Max H. Blend, Clinical Instructor  
 Charles H. Bruce, Clinical Instructor  
 Frank Council, Clinical Instructor  
 Warren Dixon, Clinical Instructor  
 Donald Fangman, Clinical Instructor  
 Dorothy Finley, Clinical Instructor  
 James Gleichert, Clinical Instructor  
 Jack B. Griffin, Clinical Instructor  
 # Harwin Jamison, Clinical Instructor  
 Maurice Korkmas, Clinical Instructor  
 Michael Kurilecz, Clinical Instructor  
 Richard E. Martinak, Clinical Instructor  
 Donald E. McGuire, Clinical Instructor  
 Graham Pierce, Clinical Instructor  
 John A. Stuart, Clinical Instructor  
 Jack Turner, Clinical Instructor  
 Joseph Wilke, Jr., Clinical Instructor

OBSTETRICS AND Paul MacDonald, Fellow  
 GYNECOLOGY \* Peggy Whalley, Fellow  
 (continued)

PATHOLOGY C. T. Ashworth, Professor and Chairman of the Department  
 A. J. Gill, Professor and Dean  
 J. L. Goforth, Clinical Professor  
 Joseph M. Hill, Clinical Professor  
 E. E. Muirhead, Professor  
 P. O'B. Montgomery, Associate Professor  
 George J. Race, Associate Professor  
 Alice L. Smith, Clinical Associate Professor  
 V. A. Stenbridge, Associate Professor  
 O. J. Wollenman, Clinical Associate Professor  
 Robert Trimble Bryan, Jr., Clinical Assistant Professor  
 T. H. Capers, Clinical Assistant Professor  
 Bruce D. Fallis, Assistant Professor  
 C. L. Green, Clinical Assistant Professor  
 Mervin H. Grossman, Clinical Assistant Professor  
 J. B. Hutcheson, Clinical Assistant Professor  
 Louis S. Smith, Clinical Assistant Professor  
 Flavius L. Austin, Clinical Instructor  
 V. V. Gonzalez, Instructor  
 Eufrozyna Kozlowski, Clinical Instructor  
 Howard Hopps, Lecturer  
 M. Jamil Ahmed, Clinical Fellow  
 Vincent Charles Cirone, Clinical Fellow  
 A. B. C. Dowdey, Fellow  
 R. R. Erdmann, Fellow  
 \* R. E. Henderson, Fellow  
 Tae H. Kim, Clinical Fellow  
 Francis J. Luibel, Clinical Fellow  
 \* John Ramsey, Fellow  
 Richard W. Repert, Fellow  
 # Wilma Shields, Fellow  
 Billy Bob Trotter, Fellow

PEDIATRICS Edward L. Pratt, Professor and Chairman of the Department  
 May Agnes Hopkins, Consultant  
 Percy E. Luecke, Consultant  
 Gordon McFarland, Consultant  
 Harold T. Nesbit, Consultant  
 Gladys J. Fashena, Professor  
 Robert L. Moore, Clinical Professor  
 John G. Young, Clinical Professor  
 Fred S. Brooksaler, Clinical Associate Professor  
 John A. James, Associate Professor  
 Alvis Johnson, Jr., Clinical Associate Professor  
 Floyd A. Norman, Clinical Associate Professor  
 Ruth Allen, Clinical Assistant Professor  
 William H. Bradford, Clinical Assistant Professor  
 # George R. Branch, Clinical Assistant Professor  
 John E. Dunlap, Clinical Assistant Professor  
 Salmon R. Halpern, Clinical Assistant Professor  
 Bruce A. Knickerbocker, Clinical Assistant Professor  
 # Otis Krempin, Clinical Assistant Professor  
 # Logan Mewhinney, Clinical Assistant Professor  
 Ramsey H. Moore, Clinical Assistant Professor  
 S. Halcuit Moore, Clinical Assistant Professor  
 Jo Anne Whitaker, Assistant Professor  
 Kathryn Willis, Assistant Professor  
 Anthony L. Alfieri, Clinical Instructor  
 # James Ball, Clinical Instructor  
 John Baskin, Clinical Instructor  
 Mollie Combes, Clinical Instructor  
 William Crane, Clinical Instructor  
 William B. Dean, Clinical Instructor  
 Jacob S. Fine, Clinical Instructor  
 Chester Fink, Instructor  
 Marion Graham, Clinical Instructor

- PEDIATRICS**  
(continued)
- Martha Helen Hale, Clinical Instructor  
 William C. Hawkins, Clinical Instructor  
 Conrad James Krafft, Clinical Instructor  
 Charles H. Lodewski, Clinical Instructor  
 Percy Luecke, Jr., Clinical Instructor  
 Ben McCarley, Clinical Instructor  
 James N. McKinney, Clinical Instructor  
 # Milam Pharo, Clinical Instructor  
 George L. Porter, Clinical Instructor  
 Hugh Powers, Clinical Instructor  
 Joseph Roach, Clinical Instructor  
 # Melvin Russell, Clinical Instructor  
 Robbie Jo Shires, Clinical Instructor  
 Robert Siegel, Clinical Instructor  
 Charles L. Smith, Clinical Instructor  
 Doris Spegal, Clinical Instructor  
 Teresa Vietti, Instructor  
 James I. Womack, Clinical Instructor  
 # Gordon Worsham, Clinical Instructor  
 Ona Mae Austin, Clinical Assistant  
 \* Robert Bondy, Clinical Assistant  
 Marion W. Brous, Clinical Assistant  
 H. Norman Chandler, Clinical Assistant  
 Frances Crane, Clinical Assistant  
 Ben Denny, Clinical Assistant  
 Jack T. Gilmore, Clinical Assistant  
 \* Carlton E. Hardey, Clinical Assistant  
 William B. Johnson, Clinical Assistant  
 \* Glen Leland, Clinical Assistant  
 George J. Liebes, Clinical Assistant  
 Billie McAnally, Clinical Assistant  
 Alan Miller, Clinical Assistant  
 Keith Robins, Clinical Assistant  
 William A. Sellars, Clinical Assistant  
 Charles Robert Smith, Clinical Assistant  
 Louis Turbeville, Clinical Assistant  
 Richard Bates, Fellow  
 Roderick A. Comunale, Fellow  
 F. M. Gilbert, Fellow  
 Frederick Grover, Fellow  
 David Johnson, Jr., Fellow  
 William Lloyd Lifson, Clinical Fellow  
 Fe' R. Mendiola, Clinical Fellow  
 Thomas P. Murphy, Clinical Fellow  
 John D. Nelson, Clinical Fellow  
 Frank C. Payne, Jr., Clinical Fellow  
 James Milton Pickens, Fellow  
 Bernard M. Portman, Fellow  
 \* William Eugene Potts, Clinical Fellow  
 Earl L. Semones, Clinical Fellow  
 \* Joan Windmiller, Clinical Fellow
- PHARMACOLOGY**
- Andres Goth, Professor and Chairman of the Department  
 William P. Blackmore, Associate Professor  
 Alvin Taurog, Associate Professor  
 William R. Beavers, Assistant Professor  
 James Holman, Clinical Assistant Professor  
 Oscar F. Wiegand, Assistant Professor
- PHYSICAL  
 MEDICINE AND  
 REHABILITATION**
- \_\_\_\_\_, Chairman of the Department  
 Edward M. Krusen, Clinical Associate Professor  
 Ursula Krusen, Clinical Assistant Professor  
 T. W. Wade, Clinical Instructor
- PHYSIOLOGY**
- Robert W. Lackey, Professor and Chairman of the Department,  
 Dean for Student and Curricular Affairs  
 John C. Vanatta, Professor  
 Ivan E. Danhof, Assistant Professor  
 Carlton E. Melton, Assistant Professor  
 John C. Porter, Assistant Professor  
 Ruth A. Rawson, Instructor

PSYCHIATRY

- Robert L. Stubblefield, Professor and Chairman of the Department
- Don P. Morris, Clinical Professor
- # Marion B. Richmond, Clinical Professor
- Stephen Weisz, Clinical Professor
- Howard M. Burkett, Clinical Associate Professor
- Clarence Hoekstra, Clinical Associate Professor
- Irwin J. Knopf, Associate Professor
- Carmen Michael, Clinical Associate Professor
- # John Montgomery, Clinical Associate Professor
- # Grady Niblo, Clinical Associate Professor
- # James K. Peden, Clinical Associate Professor
- Cyril J. Ruilmann, Clinical Associate Professor
- A. J. Schwenkenberg, Clinical Associate Professor
- P. C. Talkington, Clinical Associate Professor
- Robert Webb, Clinical Associate Professor
- Eugene Aten, Clinical Assistant Professor
- # William Sterling Bell, Clinical Assistant Professor
- Charles Bloss, Clinical Assistant Professor
- Harold Crasilneck, Assistant Professor
- Walter Ford, Clinical Assistant Professor
- Francis Harrington, Clinical Assistant Professor
- # Frederick J. Hinman, Clinical Assistant Professor
- Joseph Knapp, Clinical Assistant Professor
- Maurice Korman, Assistant Professor
- Robert L. Leon, Assistant Professor
- Paul Levin, Clinical Assistant Professor
- # Jack Martin, Assistant Professor
- James S. May, Clinical Assistant Professor
- Sophia Belle May, Assistant Professor
- \* Gabriel Najera, Clinical Assistant Professor
- George Nicolaou, Clinical Assistant Professor
- William Ossenfort, Clinical Assistant Professor
- Ludlow Pence, Clinical Assistant Professor
- Robert C. Rowell, Clinical Assistant Professor
- William P. Shelton, Clinical Assistant Professor
- # Charles E. Simmons, Assistant Professor
- Jackson Speegle, Clinical Assistant Professor
- Robert E. Winn, Clinical Assistant Professor
- John W. Baker, Instructor
- David S. Buell, Clinical Instructor
- Lee Owen Buford, Clinical Instructor
- Genette Burruss, Clinical Instructor
- Ruth Ann Ericson, Clinical Instructor
- Thomas V. Frank, Clinical Instructor
- Jane Friedman, Clinical Instructor
- John Gladfelter, Instructor
- Henry Phillip Hare, Clinical Instructor
- David M. Hubbard, Clinical Instructor
- Catherine Hudson, Clinical Instructor
- Austin Jack Jernigan, Clinical Instructor
- James S. Kersey, Instructor
- Jerry M. Lewis, Clinical Instructor
- William T. Moore, Instructor
- Margaret Moulton, Clinical Instructor
- Mildred Raible, Clinical Instructor
- Betty Synar, Clinical Instructor
- Bill M. Turnage, Clinical Instructor
- Harold Wedel, Instructor
- \* Frances Coltharp, Assistant
- \* Bernadine Allen, Fellow
- Richard Austin, Jr., Clinical Fellow
- E. Clay Griffith, Fellow
- Luis A. Irurita, Clinical Fellow
- Lawrence William Martin, Fellow
- \* Julian Melhado, Fellow
- Dogan Ozkan, Clinical Fellow
- Jack Ponder, Clinical Fellow
- \* John R. Price, Fellow
- Albert F. Riedel, Fellow
- Arnold Schuman, Fellow
- Belvin A. Simmons, Fellow
- Anthony Taylor, Fellow
- Arnold Zucker, Fellow

## RADIOLOGY

Frederick J. Bonte, Professor and Chairman of the Department  
 Vincent P. Collins, Consultant  
 Tom B. Bond, Clinical Professor  
 Charles L. Martin, Clinical Professor  
 Jarrell E. Miller, Clinical Professor  
 B. K. Lovell, Clinical Associate Professor  
 John T. Mallams, Clinical Associate Professor  
 James A. Martin, Clinical Associate Professor  
 Robert D. Moreton, Clinical Associate Professor  
 Raymond W. Burford, Clinical Assistant Professor  
 Glenn Carlson, Clinical Assistant Professor  
 Jack Krohmer, Assistant Professor  
 Robert M. Lockwood, Clinical Assistant Professor  
 Oscar Morphis, Clinical Assistant Professor  
 Jack Reynolds, Clinical Assistant Professor  
 John Szama, Jr., Clinical Assistant Professor  
 \* William C. Sehested, Clinical Assistant Professor  
 # Joseph Selman, Clinical Assistant Professor  
 William H. Barekman, Clinical Instructor  
 Richard E. Collier, Clinical Instructor  
 Robert B. Connor, Clinical Instructor  
 Michael Healy, Clinical Instructor  
 Albert Keene, Clinical Instructor  
 \* William H. Neil, Clinical Instructor  
 Murry D. Schonfeld, Clinical Instructor  
 A. D. Sears, Clinical Instructor  
 Gerald Swindell, Clinical Instructor  
 \* John R. McCarville, Clinical Assistant  
 Billy J. Parnell, Clinical Assistant  
 \* Robert Wayne Perrin, Clinical Assistant  
 Bernard Rosen, Clinical Assistant  
 \* Wayne Ramsey, Jr., Lecturer  
 Marion Baldwin, Clinical Fellow  
 Ernest Elmendorf, Fellow  
 Norman Presley, Fellow  
 Chun Tseng, Fellow

## SURGERY

Ben J. Wilson, Professor and Chairman of the Department  
 William Lee Hudson, Emeritus Professor  
 Morris J. Fogelman, Clinical Professor  
 John V. Goode, Clinical Professor  
 James T. Mills, Clinical Professor  
 J. Paul North, Clinical Professor  
 Frank Selecman, Clinical Professor  
 John Warner Duckett, Clinical Associate Professor  
 J. Hudson Dunlap, Clinical Associate Professor  
 LeRoy J. Kleinsasser, Clinical Associate Professor  
 Andrew B. Small, Clinical Associate Professor  
 Robert Sparkman, Clinical Associate Professor  
 Jerry A. Stirman, Associate Professor  
 Ozro T. Woods, Clinical Associate Professor  
 B. L. Aronoff, Clinical Assistant Professor  
 Dale J. Austin, Clinical Assistant Professor  
 Allen Bookatz, Clinical Assistant Professor  
 John L. Bradfield, Clinical Assistant Professor  
 C. Max Cole, Clinical Assistant Professor  
 W. N. Fuqua, Clinical Assistant Professor  
 Dan C. Gill, Clinical Assistant Professor  
 Ben F. Harrison, Clinical Assistant Professor  
 Robert P. Hays, Clinical Assistant Professor  
 Frank H. Kidd, Clinical Assistant Professor  
 Louis A. Kregel, Clinical Assistant Professor  
 Henry G. Montgomery, Clinical Assistant Professor  
 Charles R. Morris, Clinical Assistant Professor  
 William Pickett, Clinical Assistant Professor  
 Manning B. Shannon, Clinical Assistant Professor  
 George T. Shires, Assistant Professor  
 H. Earl Taylor, Clinical Assistant Professor  
 Jesse Thompson, Clinical Assistant Professor  
 Charles H. Warren, Clinical Assistant Professor  
 David Weiner, Clinical Assistant Professor

**SURGERY**  
(continued)

George S. Bayour, Clinical Instructor  
 J. Harold Cheek, Clinical Instructor  
 George Dorman, Clinical Instructor  
 Amos D. Garner, Clinical Instructor  
 Wayne Gossard, Clinical Instructor  
 Robert Holland, Clinical Instructor  
 Sammerhill B. Hutton, Jr., Clinical Instructor  
 Clive R. Johnson, Clinical Instructor  
 Dean C. Kipp, Clinical Instructor  
 Mark Lemmon, Clinical Instructor  
 Zelig Lieberman, Clinical Instructor  
 Shields O. Livingston, Clinical Instructor  
 Forrest Lumpkin, Clinical Instructor  
 Robert McCall, Clinical Instructor  
 Ernest Poulos, Clinical Instructor  
 Noah Haskell Range, Clinical Instructor  
 Willard C. Sellman, Clinical Instructor  
 Sydnie Smith, Clinical Instructor  
 Robert Stewart, Clinical Instructor  
 William M. Strickland, Instructor  
 Nathan Tobey, Clinical Instructor  
 Theodore P. Votteler, Clinical Instructor  
 Mark L. Welch, Clinical Instructor

**Neurosurgery**

William Kemp Clark, Assistant Professor and Chairman of the Division  
 Albert D'Errico, Clinical Professor  
 Grant L. Boland, Clinical Assistant Professor  
 Carroll E. Kern, Clinical Assistant Professor  
 Casey E. Patterson, Clinical Assistant Professor  
 W. B. Weary, Clinical Assistant Professor  
 Jack I. Wolf, Clinical Assistant Professor  
 Glenn Cherry, Clinical Instructor  
 Tom M. Nash, Clinical Instructor  
 Morris Sanders, Clinical Instructor  
 Charles M. Wilson, Clinical Instructor

**Ophthalmology**

Carroll W. Browning, Clinical Professor and Chairman of the Division  
 Kelly Cox, Clinical Professor  
 Lester H. Quinn, Clinical Professor  
 Maxwell Thomas, Clinical Professor  
 Speight Jenkins, Clinical Associate Professor  
 Frank H. Newton, Clinical Associate Professor  
 Harold M. Block, Clinical Assistant Professor  
 Dan C. Brannin, Clinical Assistant Professor  
 # Jerome Byers, Clinical Assistant Professor  
 Ruby K. Daniel, Clinical Assistant Professor  
 Kenneth Foree, Clinical Assistant Professor  
 Seymour Gostin, Clinical Assistant Professor  
 Edwin G. Grafton, Clinical Assistant Professor  
 M. R. Harrington, Clinical Assistant Professor  
 Mary Agnes Lancaster, Clinical Assistant Professor  
 John Lippas, Clinical Assistant Professor  
 Oscar Marchman, Jr., Clinical Assistant Professor  
 Hal W. Maxwell, Clinical Assistant Professor  
 Tom M. McCrory, Clinical Assistant Professor  
 Hubert J. Seale, Clinical Assistant Professor  
 Theodore Bisland, Clinical Instructor  
 Ronald M. Burnside, Clinical Instructor  
 Allen Campbell, Clinical Instructor  
 William S. Harris, Clinical Instructor  
 William M. Knowles, Clinical Instructor  
 Albert E. Meisenbach, Clinical Instructor  
 Paul A. Richter, Clinical Instructor  
 Don M. Smart, Clinical Instructor

- Oral Surgery** Robert V. Walker, Clinical Assistant Professor and Chairman of the Division  
 Sam Bruck, Consultant  
 J. J. Addison, Clinical Assistant Professor  
 Weldin Bell, Clinical Assistant Professor  
 D. Lamar Byrd, Clinical Assistant Professor  
 Roy Eubanks, Clinical Assistant Professor  
 Glenn R. Hillin, Clinical Assistant Professor  
 Joseph P. Lambert, Clinical Assistant Professor  
 P. Earle Williams, Clinical Assistant Professor  
 John B. Gatewood, Clinical Instructor  
 M. R. Franklin, Clinical Assistant  
 James Thornhill, Clinical Assistant
- Orthopedic Surgery** Charles F. Gregory, Associate Professor and Chairman of the Division  
 P. M. Girard, Clinical Professor  
 Joseph H. McGuire, Clinical Associate Professor  
 Paul C. Williams, Clinical Associate Professor  
 Dorsey K. Barnes, Clinical Assistant Professor  
 Henry H. Beckering, Clinical Assistant Professor  
 Vernon M. Bryant, Clinical Assistant Professor  
 Felix L. Butte, Clinical Assistant Professor  
 Theodore W. Bywaters, Clinical Assistant Professor  
 Brandon Carrell, Clinical Assistant Professor  
 Floyd S. Franklin, Clinical Assistant Professor  
 T. Wiley Hodges, Clinical Assistant Professor  
 Ruth Jackson, Clinical Assistant Professor  
 Marvin P. Knight, Clinical Assistant Professor  
 Eugene P. Legg, Clinical Assistant Professor  
 Albert O. Loiselle, Clinical Assistant Professor  
 Francis L. Ware, Clinical Assistant Professor  
 Margaret Watkins, Clinical Assistant Professor  
 George N. Aldredge, Clinical Instructor  
 Movses-Guichen Andreassian, Clinical Instructor  
 William M. Branch, Clinical Instructor  
 Guy K. Driggs, Clinical Instructor  
 M. Paul Goodfried, Clinical Instructor  
 Russell B. Graham, Clinical Instructor  
 Bonnie Clyde Halley, Clinical Instructor  
 David J. Henry, Clinical Instructor  
 Richard B. Herrick, Clinical Instructor  
 George T. James, Clinical Instructor  
 Livius Lankford, Clinical Instructor  
 Harold A. Mattson, Clinical Instructor  
 Edward R. Richardson, Clinical Instructor  
 Austin Barrow, Clinical Assistant  
 George Sibley, Clinical Assistant  
 Howard Y. Sigler, Clinical Assistant  
 Dan Ray Sutherland, Clinical Assistant
- Otolaryngology** Claude D. Winborn, Clinical Associate Professor and Chairman of the Division  
~~Oscar H. Marchman, Sr., Emeritus Professor~~  
 William D. Jones, Consultant  
 Lyle M. Sellars, Clinical Professor  
 John D. Singleton, Clinical Professor  
 # Donald A. Corgill, Clinical Associate Professor  
 # James L. Baldwin, Clinical Assistant Professor  
 John L. Jenkins, Clinical Assistant Professor  
 Edward Newell, Clinical Assistant Professor  
 # Donald W. Shuster, Clinical Assistant Professor  
 Louis E. Adin, Clinical Instructor  
 James M. Anthony, Clinical Instructor  
 Marvin Culbertson, Clinical Instructor  
 Daniel Martinez, Clinical Instructor  
 Ludwig A. Michael, Clinical Instructor  
 Marvin Shepard, Clinical Instructor  
 Morris F. Waldman, Clinical Instructor  
 Jack Willeford, Clinical Assistant

roctology  
 Curtice Rossor, Clinical Professor and Chairman of the Division  
 Alvin Baldwin, Jr., Clinical Associate Professor  
 Jack Graves Kerr, Clinical Associate Professor  
 Robert Jarman Rowe, Clinical Associate Professor  
 Herschel Gray Carter, Clinical Assistant Professor  
 Robert A. McGregor, Clinical Instructor

Thoracic  
 Surgery  
 Hugh E. Wilson, Assistant Professor and Chairman of the Division  
 Robert K. Shaw, Clinical Professor  
 Donald L. Paulson, Clinical Associate Professor  
 Richard W. Ernst, Assistant Professor  
 William M. Ashe, Clinical Instructor  
 Milton V. Davis, Clinical Instructor  
 John L. Kee, Clinical Instructor  
 Ben Ferrell Mitchell, Clinical Instructor  
 Eldon Siebel, Clinical Instructor

rology  
 Harry M. Spence, Clinical Professor and Chairman of the Division  
 Jo C. Alexander, Clinical Professor  
 Karl B. King, Clinical Associate Professor  
 Harold A. O'Brien, Clinical Associate Professor  
 John M. Pace, Clinical Associate Professor  
 Vincent Vermooten, Clinical Associate Professor  
 Edward White, Clinical Associate Professor  
 George Raworth Williams, Clinical Associate Professor  
 Sydney S. Baird, Clinical Assistant Professor  
 William L. Bush, Clinical Assistant Professor  
 Percival A. Duff, Clinical Assistant Professor  
 C. Foster Fuqua, Clinical Assistant Professor  
 Joseph D. Mitchell, Clinical Assistant Professor  
 Ken Mooney, Clinical Assistant Professor  
 Ralph C. Smith, Clinical Assistant Professor  
 James P. Carney, Clinical Instructor  
 John Denman, Clinical Instructor  
 Charles S. Fromm, Clinical Instructor  
 David D. Reisman, Clinical Instructor  
 Wilford M. Sanders, Jr., Clinical Instructor  
 Elgin W. Ware, Clinical Instructor  
 Myron G. Fine, Clinical Assistant  
 William W. Hoffman, Clinical Assistant  
 Melvin C. Kadesky, Clinical Assistant

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Appointments 1-9  
None  
#9  
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University of Texas  
School of Medicine  
Austin, Texas

May 29, 1959

TO DOCTOR LOGAN WILSON, PRESIDENT  
THE UNIVERSITY OF TEXAS  
AUSTIN, TEXAS

Dear Doctor Wilson:

The following is submitted for your approval and presentation to the Board of Regents at its next meeting in Austin, Texas, on June 12 and 13, 1959.

Main Division, Houston, Texas  
1959-60

1. Approve the following appointments to the Clinical Faculty, all without tenure and without salary, effective September 1, 1959:

P-17

Professor

Clark, R. Lee, Jr., M.D.  
Connell, Frank H., Ph.D.  
Derrick, William S., M.D.  
Dmochowski, Leon, M.D.  
Fletcher, Gilbert H., M.D.  
Griffin, A. Clark, Ph.D.  
Haas, Felix, Ph.D.  
Howe, Clifton D., M.D.  
Kolvoord, Robert A., B.S.  
Macdonald, Miss Eleanor J., A.B.  
Phillips, Charles, M.D.  
Russell, William O., M.D.  
Rutledge, Felix N., M.D.  
Sinclair, Warren K., Ph.D.

Surgery  
Parasitology  
Anesthesiology  
Experimental Pathology  
Radiology  
Biochemistry  
Biology  
Medicine  
Visual Education  
Biostatistics  
Pathology  
Pathology  
Gynecology  
Physics

Clinical Professor

Baird, V. C., M.D.  
Barkley, Howard T., M.D.  
Blattner, Russell J., M.D.  
Crank, H. Harlan, M.D.  
Crigler, Cecil M., M.D.  
Ehlers, H. J., M.D.  
Fields, Wm. S., M.D.  
Greenwood, James, Jr., M.D.  
Greer, David, Sr., M.D.  
Griffey, Edward W., M.D.  
Hauser, Abe, M.D.  
Johnston, Robert A., M.D.  
Kelsey, Mavis P., M.D.  
Leader, Abel J., M.D.  
Ledbetter, Paul V., M.D.  
Lind, Carl J., Jr., M.D.  
Rigdon, Harrison, M.D.  
Robison, J. M., M.D.  
Schnur, Sidney, M.D.  
Seale, Everett R., M.D.  
Skogland, John F., M.D.  
Waldron, George W., M.D.

Industrial Medicine  
Thoracic Surgery  
Pediatrics  
Psychiatry  
Urology  
Surgery  
Neurology  
Neurosurgery  
Pediatrics  
Ophthalmology  
Psychiatry and Neurology  
Obstetrics and Gynecology  
Medicine  
Urology  
Medicine  
Pathology  
Pathology  
Otolaryngology  
Medicine  
Medicine  
Neurology  
Surgery

Associate Professor

Bergsagel, Daniel E., M.D.  
Billen, Daniel, Ph.D.  
Chang, Jeffrey P., Ph.D.  
Dale, Sebron C., M.D.  
Dodd, Gerald D., Jr., M.D.  
Doudney, Charles O., Ph.D.  
Eckles, Nylenc, M.D.  
Healey, John Edward, Jr., M.D.  
Hsu, T. C., Ph.D.  
Jirgensons, Bruno, Ph.D.  
MacComb, William S., M.D.

Medicine  
Biology  
Experimental Pathology  
Medicine  
Radiology  
Biology  
Medicine  
Anatomy  
Biology  
Biochemistry  
Surgery

Miller, L. S., M.D.	Radiology
Neidhardt, Heinrich W., M.D.	Pathology
Nelson, Robert S., M.D.	Medicine (Gastroenterology)
Rose, Raymond G., M.D.	Medicine
Shalek, Robert J., Ph.D.	Physics
Shullenberger, C. C., M.D.	Medicine
Sinclair, Marga H., M.D.	Plastic Surgery
Sutow, Wataru W., M.D.	Pediatrics
Waite, E. C., M.D.	Surgery

Clinical Associate Professor

Armbrust, Charles A., Jr., M.D.	Medicine
Barnes, J. Peyton, M.D.	Surgery
Barratt, J. H. M.D.	Otolaryngology
Bloxson, Allan P., M.D.	Pediatrics
Calhoun, Calvin A., M.D.	Gynecology
Cantrell, William A., M.D.	Psychiatry
Cato, Dorothy A., M.D.	Psychiatry
Collins, Lois C., M.D.	Radiology
Cronin, Thomas D., M.D.	Plastic Surgery
Curb, Dolph L., M.D.	Medicine
Daily, Louis, Jr., M.D.	Ophthalmology
Doak, Edmond K., M.D.	Medicine
Fatherree, Thomas J., M.D.	Medicine
Foote, Stephen A., Jr., M.D.	Medicine
Gardner, Herman L., M.D.	Gynecology
Guilford, Frederick R., M.D.	Otolaryngology
Hinds, E. C., D.D.S., M.D.	Oral Surgery
Hofer, Jesse W., M.D.	Medicine
Hucherson, Denman, Jr., M.D.	Orthopedic Surgery
Jachimczyk, Joseph A., M.D.	Pathology-Forensic
Lancaster, Frank H., M.D.	Pediatrics
Leary, William V., M.D.	Medicine
Mendell, David, M.D.	Psychiatry
Meynier, Maurice J., Jr., M.D.	Gynecology
McGovern, John P., M.D.	Pediatric Allergy
McReynolds, Isaac S., M.D.	Orthopedic Surgery
O'Heeron, Michael, M.D.	Urology
Owers, Albert, M.D.	Psychiatry
Parrish, Frank F., M.D.	Orthopedic Surgery
Pittman, James E., M.D.	Surgery
Salerno, Joe P., M.D.	Gynecology
Seybold, William D., M.D.	Surgery
Taylor, Fred, M.D.	Pediatrics
Vaughan, Luther M., M.D.	Radiology
Wagner, E. L., M.D.	Medicine
Welsh, Hugh C., M.D.	Proctology
Zeis, L. B., M.D.	Medicine

Assistant Professor

Alexander, Macy, Ph.D.	Biology
Anderson, David E., Ph.D.	Biology
Ballantyne, Alando J., M.D.	Surgery
Blizard, Jane B., Ph.D.	Physics
Cheu, Paul M., M.D.	Radiotherapy
Cole, Arthur, Ph.D.	Physics
Dewey, William C., Ph.D.	Radiophysics
Drane, Joe B., D.D.S.	Restorative Dentistry
Egan, Robert L., M.D.	Radiology
Fuller, Lillian, M.D.	Radiology
Gallagher, H. Stephen, M.D.	Pathology
Hay, Richard C., M.D.	Anesthesiology
Herrera, J. Raul, M.D.	Radiotherapy
Hurlbert, Robert B., Ph.D.	Biochemistry
Ibanez, Michael L., M.D.	Pathology
Jesse, Richard H., M.D.	Surgery
Mannheimer, Ilse H., M.D.	Medicine
Martin, Richard G., M.D.	Surgery
Patton, Tad L., Ph.D.	Biochemistry
Samuels, Melvin L., M.D.	Medicine
Smith, John L., Jr., M.D.	Pathology
Stehlin, John S., Jr., M.D.	Surgery

Suit, Herman D., M.D.  
 Sullivan, Margaret P., M.D.  
 Sykes, John A., LRPFS  
 Ward, Darrell N., Ph.D.  
 Wilber, Stewart A., M.D.

Radiotherapy  
 Pediatrics  
 Biology  
 Biochemistry  
 Anesthesiology

Clinical Assistant Professor

Arnold, William T., M.D.  
 Baird, R. W., Jr., M.D.  
 Beard, Earl, M.D.  
 Brauer, Raymond O., M.D.  
 Butler, Donald B., M.D.  
 Cameron, Bruce M., M.D.  
 Curbo, James R., M.D.  
 Daeschner, C. W., Jr., M.D.  
 Dwyer, C. A., Jr., M.D.  
 Glassman, Arthur L., M.D.  
 Henry, Marshall G., M.D.  
 Hoaglin, Lester L., Jr., M.D.  
 Hull, John, M.D.  
 Kaplan, Harry L., M.D.  
 Karotkin, Lester, M.D.  
 Kelsey, John R., Jr., M.D.  
 Kennedy, John C., M.D.  
 Knight, William R., M.D.  
 Leiser, Alfred E., M.D.  
 Levy, M. D., Jr., M.D.  
 Livesay, William R., M.D.  
 Lucci, Joseph A., Jr., M.D.  
 Moursund, Myles P., M.D.  
 McGehee, Frank O., M.D.  
 Newton, B. L., M.D.  
 Paton, Donald M., M.D.  
 Rodgers, L. R., M.D.  
 Selke, Oscar O., Jr., M.D.  
 Usher, Francis C., M.D.  
 Wright, William K., M.D.

Medicine  
 Medicine  
 Medicine  
 Plastic Surgery  
 Surgery  
 Orthopedic Surgery  
 Pediatrics  
 Pediatrics  
 Pathology-Forensic  
 Orthopedic Surgery  
 Neurosurgery  
 Medicine  
 Medicine  
 Medicine  
 Medicine  
 Medicine  
 Surgery  
 Gynecology  
 Medicine  
 Medicine  
 Medicine  
 Obstetrics and Gynecology  
 Medicine  
 Orthopedic Surgery  
 Pathology  
 Obstetrics and Gynecology  
 Medicine  
 Physical Medicine  
 Surgery  
 Otolaryngology

Instructor

Johnson, Gordon C., M.D.  
 Sears, Mary E., M.D.

Radiotherapy  
 Medicine

Clinical Instructor

Arnold, Hugh F., M.D.  
 Caplovitz, Coleman D., M.D.  
 Glantzberg, Herman, M.D.  
 Hutchins, S. P. R., M.D.  
 Malewitz, Edward C., M.D.  
 Moore, Duncan L., M.D.  
 Owsley, W. C., Jr., M.D.  
 Skaggs, Ray H., M.D.

Medicine  
 Medicine  
 Medicine  
 Urology  
 Medicine  
 Surgery  
 Radiology  
 Medicine

Lecturer

Adam, George F., M.D.  
 Anderson, Albert B., M.D.  
 Arnold, Jasper H., M.D.  
 Aves, Fred H., M.D.  
 Boren, James S., M.D.  
 Braastad, Frederick W., M.D.  
 Braden, Albert H., Jr., M.D.  
 Broyles, George D., Jr., M.D.  
 Brumage, William S., M.D.  
 Bunting, John J., M.D.  
 Burdick, J. G., M.D.  
 Carter, Will T.  
 Chandler, Edwin A., M.D.  
 Chapman, Don W., M.D.  
 Chernosky, Marvin E., M.D.  
 Clarke, J. E., M.D.  
 Cody, Melville L., M.D.  
 Cope, Reason L., M.D.  
 Crouch, Robert B., M.D.  
 Cunningham, James B., M.D.  
 Dailey, James E., M.D.

Obstetrics and Gynecology  
 Surgery  
 Urology  
 Thoracic Surgery  
 Urology  
 Surgery  
 Medicine  
 Surgery  
 Preventive Medicine  
 Medicine  
 Industrial Medicine  
 Industrial Medicine  
 Obstetrics and Gynecology  
 Medicine  
 Medicine  
 Pathology-Forensic  
 Obstetrics and Gynecology  
 Medicine  
 Cardiology  
 Obstetrics and Gynecology  
 Thoracic Surgery

Davis, Cornelius C., M.D.	Medicine
Denman, Frank R., M.D.	Surgery
Donohue, William M., M.D.	Medicine
Driscoll, Edward T., M.D.	Industrial Medicine
Eichhorn, Ralph, M.D.	Medicine
Ellingson, Eugene A., M.D.	Surgery
Faris, Arthur M., M.D.	Obstetrics and Gynecology
Feinstein, Daniel J., M.D.	Surgery
Fish, James R., M.D.	Urology
Fisher, William C., III, M.D.	Surgery
Flanary, Lemuel M., M.D.	Ophthalmology
Fly, Orceneth A. Jr., M.D.	Surgery
Ferner, Vincent T., M.D.	Surgery
Fountain, Edmund M., M.D.	Neurosurgery
Frank, Theodore M., M.D.	Industrial Medicine
Giessel, W. U., M.D.	Industrial Medicine
Girard, Louis J., M.D.	Ophthalmology
Gloyna, Earnest F., Ph.D.	Industrial Medicine
Green, Louis H., M.D.	Surgery
Gregory, Lloyd J., Jr., M.D.	Medicine
Griffin, Belton G., M.D.	Medicine
Guinn, Gene A., M.D.	Urology
Guthrie, Thomas H., M.D.	Urology
Haggard, Carl N., M.D.	Pediatrics
Hammond, J. W., M.S.	Industrial Medicine
Hamrick, W. H., M.D.	Industrial Medicine
Hanson, Hugh H., M.D.	Medicine
Haywood, Theodore J., M.D.	Pediatrics
Hill, William T., M.D.	Pathology
Hoeflich, Emilia F. A., M.D.	Anesthesiology
James, Powhatan W., M.D.	Surgery
Jansa, Frances H., M.D.	Anesthesiology
Johnson, Joseph K., M.D.	Surgery
Johnson, Robert M., M.D.	Ophthalmology
Kahle, W. F., M.D.	Industrial Medicine
Kemper, James W., M.D.	Medicine
Kerr, William R., M.D.	Obstetrics and Gynecology
Ledbetter, Abbe A., M.D.	Medicine
Leifeste, Homer F., M.D.	Urology
Leigh, Richard E., Jr., M.D.	Ophthalmology
Levy, George, M.D.	Medicine
Lunin, Arthur B., M.D.	Obstetrics and Gynecology
Mast, John R., M.D.	Industrial Medicine
Mazow, Jack B., M.D.	Medicine
Mendell, Henry E., M.D.	Medicine
Morgan, Ray M., Jr., M.D.	Urology
Morrow, Edwin J., M.D.	Medicine
McDonald, Newton F., M.D.	Urology
Nau, Carl A., M.D.	Industrial Medicine
Neal, Jack, M.S.	Industrial Medicine
Neil, Carlton M., M.D.	Medicine
Overton, Robert C., M.D.	Surgery
Painter, Joseph T., M.D.	Medicine
Palm, William M., M.D.	Surgery
Parr, Luther H., M.D.	Thoracic Surgery
Peddie, George H., M.D.	Surgery
Pollard, Claude, Jr., M.D.	Neurosurgery
Potts, Robert J., M.D.	Industrial Medicine
Powell, Norborne B., M.D.	Urology
Franke, Don W., M.D.	Urology
Radding, Robert S., M.D.	Medicine
Rainer, James W., M.D.	Industrial Medicine
Rape, Marvin G., M.D.	Urology
Ried, Hubert L., M.D.	Pediatrics
Robbins, Leonard R., M.D.	Medicine
Robertson, Robert C. L., M.D.	Neurosurgery
Robinson, Tryon, M.D.	Urology
Rude, Joe C., M.D.	Radiology
Sanders, Elmer K., M.D.	Surgery
Schultz, Herman J., M.D.	Medicine
Seybold, Herbert M., M.D.	Urology
Shearer, Thomas P., M.D.	Urology
Shelton, Elvia L., Jr., M.D.	Surgery

Shindler, Thomas O., M.D.	Orthopedic Surgery
Silverblatt, Julian, M.D.	Medicine
Skelton, James M., M.D.	Medicine
Slataper, Eugene L., M.D.	Anesthesiology
Smith, Burt B., M.D.	Surgery
Spezia, Joseph L., M.D.	Obstetrics and Gynecology
Staub, John D., M.D.	Surgery
Stough, John T., M.D.	Ophthalmology
Strashun, Mat F., M.D.	Surgery
Strassmann, Erwin O., M.D.	Obstetrics and Gynecology
Thomas, Albert M., M.D.	Urology
Thomas, Sellers J., Jr., M.D.	Surgery
Thompson, Walker, M.D.	Psychiatry
Thorning, William B., M.D.	Surgery
Turner, Claude G., M.D.	Surgery
Tuttle, Lee L. D., M.D.	Surgery
Vinson, David B., Ph.D.	Psychology
Wachsman, David V., M.D.	Obstetrics and Gynecology
Wall, John A., Jr., M.D.	Gynecology
Watson, Thomas D., Jr., M.D.	Anesthesiology
Wheeler, Clarence J., Jr., M.D.	Surgery
Whitehurst, James R., M.D.	Surgery
Williams, Edward C., M.D.	Urology
Wilson, Ben N., M.D.	Industrial Medicine
Wise, Robert A., M.D.	Industrial Medicine
Wukasch, Martin, M.S.	Industrial Medicine
Yates, Charles W., M.D.	Radiology
Yollick, Bernard L., M.D.	Surgery
Zax, Emile, M.D.	Surgery

Visiting Lecturer

Gassaway, F. D., M.D.	Industrial Medicine
Laugenour, D. P., M.D.	Industrial Medicine

Consultant

Hilkemeyer, Miss Renilda E., R.N.	Nursing Administration and Education
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Corpus Christi Division

1959-60

1. Approve the appointment of Dr. Kleberg Eckhardt as Director of the Medical Educational Program, Corpus Christi Division, and Lecturer in Medicine, without tenure and without salary, effective September 1, 1959. P-15

El Paso Division

1. Approve the appointment of Dr. J. Leighton Green as Director of the Medical Educational Program, El Paso Division, and Lecturer in Surgery, without tenure and without salary, effective September 1, 1959. P-16

2. Approve the following appointments to the Clinical Faculty, all without tenure and without salary, effective September 1, 1959:

Lecturer

Bennett, Raymond J., M.D.	Psychiatry
Bernard, Jack A., M.D.	Medicine
Breck, Louis W., M.D.	Orthopedic Surgery
Budwig, Ira A., Jr., M.D.	Pediatrics
Byrne, Basil K., M.D.	Pediatrics
Cameron, David M., M.D.	Orthopedic Surgery
Feener, Lester C., M.D.	Medicine
Gibson, H. M., Jr., M.D.	Urology
Gorman, James J., M.D.	Medicine
Green, Charles L., M.D.	Pathology
Homan, Ralph H., M.D.	Medicine
Marshall, Howard J. H., M.D.	General Practice
Jordon, Gerald H., M.D.	General Surgery
Morgan, James R., M.D.	Obstetrics and Gynecology
Rissler, Ross W., M.D.	Medicine
Rogers, S. Perry, M.D.	Orthopedic Surgery
Schuessler, W. W., M.D.	Plastic Surgery
Schuster, Frank P., M.D.	Otolaryngology
Webb, Charles E., M.D.	Surgery
Wollmann, Walter W., M.D.	General Surgery

Lubbock Division  
1959-60

1. Approve the appointment of Dr. William H. Gordon as Director of the Medical Educational Program, Lubbock Division, and Lecturer in Medicine, without tenure and without salary, effective September 1, 1959. R-18

San Angelo Division  
1959-60

1. Approve the appointment of Dr. Cecil M. French as Director of the Medical Educational Program, San Angelo Division, without tenure and without salary, effective September 1, 1959. P-19

San Antonio Division  
1959-60

1. Approve the appointment of Dr. Herman S. Wigodsky as Director of the Medical Educational Program, San Antonio Division, and Lecturer in Pathology, without tenure and without salary, effective September 1, 1959. R-20

2. Approve the following appointments to the Clinical Faculty, all without tenure and without salary, effective September 1, 1959:

Lecturer

Adelman, Jack A., M.D.	Medicine
Alexander, Charles B., M.D.	Pediatrics
Alvelais, G. R., M.D.	Ophthalmology
Avila, Alejandro P., M.D.	Obstetrics and Gynecology
Berler, James M., M.D.	Obstetrics and Gynecology
Berry, Joe H., M.D.	Neurology and Psychiatry
Blair, James R., Jr., M.D.	Neurology and Psychiatry
Block, William J., Jr., M.D.	Medicine
Bondurant, W. W., M.D.	Medicine
Brendel, Wm. B., M.D.	Pediatrics
Britton, Howard A., M.D.	Pediatrics
Brunner, George H., M.D.	Ophthalmology
Carter, James W., M.D.	Obstetrics and Gynecology
Case, John B., M.D.	Urology
Clark, Archibald F., Jr., M.D.	Otolaryngology
Coffman, Graham, M.D.	Urology
Cook, Walter R., M.D.	Medicine
Cooper, Elmer E., M.D.	Medicine
Cooper, Melbourne J., M.D.	Neurology and Psychiatry
Creamer, Dick O., M.D.	Medicine
Crews, E. R., M.D.	Surgery
Davis, Roy N., M.D.	Orthopedic Surgery
Day, Phillip L., M.D.	Orthopedic Surgery
De Coursey, Elbert, M.D.	Ophthalmology
De Gasperi, Joseph A., M.D.	Ophthalmology
Diseker, Thomas H., M.D.	Dermatology
Dodge, Donald T., M.D.	Neurology and Psychiatry
Donaldson, J. M., Jr., M.D.	Medical Chest
Duncan, Everett T., M.D.	Dermatology
Durbeck, William E., D.D.S.	Oral Surgery
Elmendorf, Hugo F., Jr., M.D.	Radiology
Estrada, Ramiro P., M.D.	Pediatrics
Fein, Bernard T., M.D.	Allergy
Fischer, Albert, M.D.	Surgery
Folbre, Thomas W., M.D.	Otolaryngology
Foster, W. Talbot, D.D.S.	Oral Surgery
Galindo, D. L., M.D.	Pathology
Goldzieher, Joseph W., M.D.	Medicine
Gordon, William H., Jr., M.D.	Medicine
Gorsuch, Paul L., M.D.	Surgery
Grant, Harold, M.D.	Medicine
Greer, Sam J., M.D.	Thoracic Surgery
Gregory, Ernest J., M.D.	Surgery
Griffin, Robert W., M.D.	Medicine
Grosskreutz, Doris C., M.D.	Anesthesiology
Hall, Augustus A., M.D.	Medicine
Hardy, Robert C., M.D.	Neurosurgery
Hartman, A. W., M.D.	Surgery
Heaney, John P., M.D.	Surgery
Helper, Lewis M., M.D.	Neurosurgery

Helton, John Wm., D.D.S.	Oral Surgery
Herff, August F., Jr., M.D.	Surgery
Hewlett, Thomas H., M.D.	Thoracic Surgery
Hill, Alfred H., M.D.	Psychiatry
Hills, William J., M.D.	Surgery
Hinchey, John J., M.D.	Orthopedic Surgery
Hogan, Thomas F., Jr., M.D.	Ophthalmology
Hollan, Otto R., M.D.	Medicine
Hoskins, Henry, M.D.	Medical Chest
Hulse, Charles A., M.D.	Urology
Huntington, Ione, M.D.	Medicine
Jacob, Norman H., Jr., M.D.	Pathology
Jacobs, Milton S., M.D.	Medicine
Johnson, William J., Jr., M.D.	Medicine
Jones, Dean, M.D.	Radiology
Jones, George, M.D.	Medicine
Kaliski, Sidney R., M.D.	Pediatrics
Keedy, David M., M.D.	Neurology and Psychiatry
Klecka, Theodore A., M.D.	Orthopedic Surgery
Kline, Philip S., M.D.	Surgery
Klinger, Paul, M.D.	Surgery
Kohler, Colette, M.D.	Pediatrics
Lehmann, Cornelius F., M.D.	Dermatology
Leopold, Henry, M.D.	Medicine
Le Pere, Robert H., M.D.	Surgery
Letteer, C. Ralph, M.D.	Medicine
Lundgren, Rupert W., M.D.	Obstetrics and Gynecology
Manhoff, Louis, Jr., M.D.	Pathology
Mani, George C., M.D.	Pathology
Markette, B. B., M.D.	Radiology
Meadows, John C., M.D.	Medicine
Meyer, Gerhard A., M.D.	Medicine
Milburn, Graham B., M.D.	Ophthalmology
Miller, Ralph B., M.D.	Radiology
Mims, James L., Jr., M.D.	Ophthalmology
Minter, Merton M., M.D.	Medicine
Monsalvo, R. O., M.D.	Orthopedic Surgery
Moore, John M., M.D.	Pathology
Morrison, James B., M.D.	Medicine
Mullen, Brooks W., M.D.	Neurology and Psychiatry
Munslow, Ralph A., M.D.	Neurosurgery
Murray, Neville, M.D.	Neurology and Psychiatry
McComb, Asher R., M.D.	Surgery
McCullough, David, M.D.	Medicine
McKiski, Wendell E., M.D.	Anesthesiology
McMillan, Orin P., M.D.	Orthopedic Surgery
Nau, Cornelius H., M.D.	Pediatrics
Newton, Jerry, M.D.	Pediatrics
Nichol, William W., M.D.	Surgery
Nisbet, Alfred A., M.D.	Ophthalmology
Nitschke, R. E., M.D.	Medicine
Nixon, James W., M.D.	Surgery
Nixon, Robert R., M.D.	Surgery
Norman, Ruskin C., M.D.	Radiology
Oliver, David R., M.D.	Orthopedic Surgery
O'Neill, Francis E., M.D.	Radiology
O'Neill, James R., M.D.	Medicine
Otero, Pedro J., M.D.	Surgery
Oxford, Marvin B., M.D.	Surgery
Palmer, J. W., M.D.	Gynecology
Park, J. Walter, III, M.D.	Thoracic Surgery
Peterson, Robert C., M.D.	Anesthesiology
Pfeiffer, John P., Jr., M.D.	Obstetrics and Gynecology
Pipkin, James L., M.D.	Dermatology
Polka, James B., M.D.	Neurology and Psychiatry
Price, Richard D., M.D.	Neurosurgery
Pridgen, James E., M.D.	Surgery
Reppert, L. B., M.D.	Medicine
Ressman, Arthur, M.D.	Dermatology
Reveley, Hugh P., M.D.	Medicine
Rosenzweig, M. M., M.D.	Anesthesiology
Rouse, J. W., M.D.	Medicine

Russell, Dan A., Jr., M.D.	Ophthalmology
Sacks, David R., M.D.	Medicine
Sammis, Frank C., Jr., D.D.S.	Oral Surgery
Sammis, William L., M.D.	Surgery
Sawtelle, W. W., M.D.	Urology
Schiffer, Sydney, M.D.	Medicine
Schwartzberg, Samuel, M.D.	Allergy
Schwartzing, Bland H., M.D.	Ophthalmology
Sertich, Anthony P., M.D.	Oral Surgery
Severance, A. O., M.D.	Pathology
Shaeffer, Joseph R., M.D.	Surgery
Shefts, Lawrence M., M.D.	Surgery
Siever, James M., M.D.	Obstetrics and Gynecology
Simpson, John W., M.D.	Obstetrics and Gynecology
Smith, Forrest M., Jr., M.D.	Pediatrics
Smyth, Rodger G., M.D.	Medical Chest
Stanton, W. P., M.D.	Surgery
Steinberg, F. W., M.D.	Medicine
Stewart, C. Scott, M.D.	Pediatrics
Stovall, Virginia S., M.D.	Pediatrics
Strauch, James H., M.D.	Dermatology
Strozier, Wm. E., M.D.	Obstetrics and Gynecology
Swinney, Boen, M.D.	Allergy
Sykes, Edwin M., Jr., M.D.	Surgery
Taylor, Thomas S., M.D.	Obstetrics and Gynecology
Tennison, C. W., M.D.	Plastic Surgery
Thaddeus, A. P., M.D.	Cardiology
Thaggard, Alvin, Jr., M.D.	Radiology
Thomas, Kenneth W., D.D.S.	Oral Surgery
Thomson, George, M.D.	Cardiology
Thornton, Melvin L., M.D.	Pediatrics
Todd, D. A., M.D.	Pathology
Trimmer, Kenneth E., M.D.	Obstetrics and Gynecology
Tucker, Lewis E., M.D.	Proctology Surgery
Tucker, V. C., M.D.	Proctology
Urrutia, Adolfo, M.D.	Surgery
Wait, Raymond B., M.D.	Obstetrics and Gynecology
Waller, Edward P., M.D.	Plastic Surgery
Walling, Russell G., M.D.	Neurology and Psychiatry
Watson, I. Newton, M.D.	Otolaryngology
Weixel, Francis X., M.D.	Ophthalmology
Welsh, Virginia C., M.D.	Pediatrics
Wiesner, Jerome J., M.D.	Radiology
Wilkinson, John M., M.D.	Medicine
Williams, Philip T., Jr., M.D.	Obstetrics

Temple Division1959-60

1. Approve the appointment of Dr. G. V. Brindley as Director of the Medical Educational Program, Temple Division, and Lecturer in Surgery, without tenure and without salary, effective September 1, 1959. P-2/

2. Approve the following appointments to the Clinical Faculty, all without tenure and without salary, effective September 1, 1959:

Lecturer

Anderson, H. B., M.D.	Medicine
Bain, George P., M.D.	Medicine
Bassel, P. M., M.D.	Medicine
Birdsong, Karl K., M.D.	Anesthesiology
Bonnet, John David, M.D.	Medicine
Bradfield, E. O., M.D.	Urological Surgery
Brindley, G. V., Jr., M.D.	Thoracic and General Surgery
Brindley, H. H., M.D.	Orthopedic Surgery
Broders, A. C., Sr., M.D.	Surgical Pathology
Broders, A. C., Jr., M.D.	Medicine
Broders, C. W., M.D.	General Surgery
Carabasi, Robert J., M.D.	Medicine
Christian, J. J., M.D.	Medicine
Cramm, C. J., Jr., M.D.	Pediatrics
DeBord, B. A., Jr., M.D.	Otolaryngology
Dysart, D. N., M.D.	Radiology

Gillespie, C. H., M.D.	Anesthesiology
Gober, O. B., M.D.	Medicine
Greenwood, J. H., M.D.	Medicine
Haines, R. D., M.D.	Medicine
Hammond, F. M., Jr., M.D.	Medicine
Hightower, N. C., Jr., M.D.	Medicine-Physiology
Ibarra, J. D., Jr., M.D.	Medicine
Jarvis, Walter H., Jr., M.D.	Radiology
Laurens, H., M.D.	Medicine
Lea, Walker A., Jr., M.D.	Dermatology
Lindsey, Sherman B., M.D.	Medicine
Lynch, D. J., M.D.	Medicine
Murray, R. A., M.D.	Orthopedic Surgery
McKenney, J. F., Jr., M.D.	Surgery
McPherson, Alice R., M.D.	Ophthalmology
Pettigrew, J. A., M.D.	Neurosurgery
Powell, W. N., M.D.	Pathology
Sommer, A. W., M.D.	Radiology
Speed, T., M.D.	Surgery
Spillar, Edna M., M.D.	Anesthesiology
Stinson, James C., Jr., M.D.	Surgical Pathology and Pathologic Anatomy
Sunbury, T. R., M.D.	Pathology-Surgical
Thompson, J. Q., M.D.	Medicine
Veirs, E. R., M.D.	Ophthalmology
White, R. R., III, M.D.	Surgery
Williams, B. H., M.D.	Pediatrics
Wolf, A. Ford, M.D.	Medicine-Allergy

Tyler Division  
1959-60

1. Approve the appointment of Dr. J. Weldon Birdwell as Director of Medical Educational Program, Tyler Division, without tenure and without salary, effective September 1, 1959. P-42

GOVERNMENT CONTRACTS AND GRANTS: The following contracts and grants have been negotiated by the Business Manager and have been signed by the Dean upon the recommendation of the Business Manager and approved by the Comptroller and President. I recommend your approval and ratification of signatures:

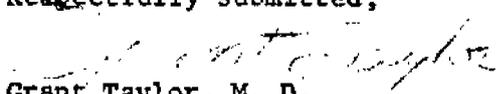
1. Amendment No. 1 to Contract No. SAV-72-58, by which the Department of Health, Education and Welfare, Office of Vocational Rehabilitation extends the ending date through August 31, 1959, without additional funds. P-42

2. Grant No. 2M-7132, by which the Department of Health, Education and Welfare, Public Health Service, National Institute of Mental Health, provides \$9,180.00 for the period July 1, 1959 through June 30, 1960, for a Graduate Training Program in Psychiatry. The program will be directed by Dr. Henry Harlan Crank, Clinical Professor of Psychiatry. P-43

GIFTS AND GRANTS: I recommend your acceptance of the following gifts and grants and that the appreciation of the Board be sent the donors by the Secretary:

1. A check in the amount of \$321.16 from Mr. David Weintraub, Vice-President and Trust Officer, Bank of the Southwest, Houston, Texas, representing the semi-annual distribution of income from the James J. and Una T. Truitt Medical Educational Trust, previously docketed, to be credited to the Mrs. J. J. Truitt Fund for Cardiology. P-105

Respectfully submitted,

  
Grant Taylor, M. D.  
Dean