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Committee Meeting: 11/13/2019

Board Meeting: 11/14/2019 Austin, Texas

Rad Weaver, Chairman Christina Melton Crain R. Steven Hicks Janiece Longoria Nolan Perez Kelcy L. Warren

	Committee Meeting	Board Meeting	Page
Convene	1:00 p.m. Chairman Weaver		
 U. T. System Board of Regents: Discussion and appropriate action regarding Consent Agenda items, if any, assigned for Committee consideration 	1:00 p.m. Discussion	Action	84
2. U. T. El Paso: Approval of preliminary authority for a Doctor of Occupational Therapy degree program	1:02 p.m. Action President Wilson	Action	85
3. U. T. Rio Grande Valley: Approval to establish a Doctor of Occupational Therapy degree program in the College of Health Professions	1:05 p.m. Action President Bailey	Action	86
4. U. T. System: Approval of \$5 million in Available University Funds (AUF) to continue support of the Agreement of Cooperation in Higher Education and Research with The National Council of Science and Technology (CONACYT) of Mexico; and finding that the expenditure of AUF for this purpose is appropriate	1:10 p.m. Action Dr. Leslie	Action	90
5. U. T. San Antonio: Discussion and appropriate action regarding approval of an update to the Campus Master Plan	1:20 p.m. Action President Eighmy	Action	108
Adjourn	1:30 p.m.		

1. <u>U. T. System Board of Regents: Discussion and appropriate action regarding Consent Agenda items, if any, assigned for Committee consideration</u>

RECOMMENDATION

The proposed Consent Agenda items assigned to this Committee are Items 9 - 44.

2. <u>U. T. El Paso: Approval of preliminary authority for a Doctor of Occupational Therapy degree program</u>

RECOMMENDATION

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Academic Affairs and the institutional president that the U. T. System Board of Regents approve

- a. preliminary authority for U. T. El Paso to create a Doctor of Occupational Therapy degree program; and
- b. notification of the proposal to the Texas Higher Education Coordinating Board.

BACKGROUND INFORMATION

U. T. El Paso requests preliminary authority to amass the resources needed to offer an Occupational Therapy Doctorate (OTD). The institution proposes to transition the current Master of Occupational Therapy (MOT) program to an OTD. The MOT program has maintained accreditation status with the Accreditation Council of Occupational Therapy Education (ACOTE) since the program first opened in 1992 as a bachelor's degree program. In 2005, the bachelor's program transitioned to a MOT program, complying with ACOTE's mandate of postbaccalaureate requirement for professional entry-level occupational therapy programs. U. T. El Paso anticipates admitting the last cohort of MOT students in Summer 2020. Students in the OTD program will be required to complete an additional 20 semester credit hours over one calendar year plus three semesters, to fulfill the doctoral degree requirements. The institution anticipates an initial cohort of 28 students in Summer 2021, with the plan to increase to 36 students over the next five years.

Nationally, the U.S. Bureau of Labor Statistics projects that by 2026 the number of occupational therapist jobs will increase from 130,400 to an estimated 161,400 (approximately 24%). Within the State of Texas, the number of jobs is expected to increase from 9,847 to an estimated 12,823 (approximately 30%). At Texas public institutions, there are eight master's degree programs and four doctoral programs. Since 2014, there have been approximately 1,500 master's degree graduates and 51 doctoral degree graduates from public institutions in Texas.

Once preliminary authority has been approved, U. T. El Paso will submit the full degree program proposal for approval to the U. T. System Board of Regents and the Texas Higher Education Coordinating Board.

3. <u>U. T. Rio Grande Valley: Approval to establish a Doctor of Occupational Therapy degree program in the College of Health Professions</u>

RECOMMENDATION

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Academic Affairs and the institutional president that authorization, pursuant to the Regent's *Rules and Regulations*, Rule 40307, related to academic program approval standards, be granted to

- a. establish a Doctor of Occupational Therapy degree program in the College of Health Professions at U. T. Rio Grande Valley; and
- b. submit the proposal to the Texas Higher Education Coordinating Board for review and appropriate action.

BACKGROUND INFORMATION

Program Description

U. T. Rio Grande Valley proposes to develop a Doctor of Occupational Therapy (OTD) professional degree program, preparing students for eligibility for licensure and entry into the profession of occupational therapy. The OTD program will be an accredited, 3.5-year full-time program consisting of 117 credit hours of didactic, laboratory, clinical, and leadership instruction.

The OTD program is designed to develop occupational therapists with advanced skills in clinical practice, administration, clinical research, leadership, program and policy development, advocacy, education, and theory development. It will prepare graduates to practice in clinical, research, and academic environments as well as to be leaders in health management, maintenance, and promotion. The program will prepare graduates to address social determinants of health individually as well as practice in an inter-professional environment.

The proposed doctoral program responds to the changing demands of higher education, the health care environment, and within the profession of occupational therapy. The American Occupational Therapy Association (AOTA) has identified the doctorate level as the preferred path of entry into the profession. The Accreditation Council for Occupational Therapy Education (ACOTE) has established standards for this level of education and designated the doctorate as an avenue into the field. The doctorate degree will better prepare occupational therapy practitioners to practice and compete in a constantly changing health care delivery system.

Need and Student Demand

With an increasingly aging American population, the need for health care providers to assist in care and rehabilitation of injury and illness is expected to increase. Available positions in occupational therapy are expected to grow over the next decade. The U.S. Bureau of Labor Statistics (BLS) projects the employment of occupational therapists to grow 24% nationally from 2016 to 2026. Within the State of Texas, employment for occupational therapists is expected to increase by 30% from 2016 to 2026. The projected annual job openings in Texas is 850, due to growth and net replacement, and nationally there are 10,200 yearly openings. In 2017, 6,882 graduates passed the certification exam nationwide (AOTA Annual Programs Data Report 2017-2018).

With the state currently graduating approximately 180-200 occupational therapy students per year from eight accredited programs, there is a shortage of occupational therapists to replace and meet expected future needs. The BLS additionally reports that as of 2017, Texas had the second-highest employment level of occupational therapists in the U.S., with five of the top 10 paying metropolitan areas in the U.S. located in Texas.

Projected student demand is strong nationwide and regionally. According to data from the AOTA Annual Programs Data Report 2017-2018, national student demand is reflected by an outpacing of admissions slots by applications submitted.

AOTA Annual Academic Programs Data Report 2017-2018: Doctoral Degree-Level Programs for Occupational Therapy Students

	Admissions Slots	Applications Submitted	Number of Students Admitted	Ratio of Students Admitted to Applications Submitted
2013	183	721	160	0.22
2014	255	1,481	248	0.17
2015	299	1,973	288	0.15
2016	595	3,066	549	0.18
2017	765	3,862	702	0.18

Regional student demand appears strong as well. Applications to the Master of Occupational Therapy Program at U. T. Rio Grande Valley have increased from 88 applicants per year in 2015 to 300 applicants by 2018. This increase is anticipated to produce enough qualified applicants to fill a cohort of 32 students for admission. In addition, the Master of Occupational Therapy Program at U. T. Rio Grande Valley responds to more than 300 inquiries and requests for information about the program each year through in-person contact, e-mail, phone calls, and recruitment/health fairs.

Enrollment projections for the proposed OTD program are based on historical data from the master's degree program offered at the legacy institution (U. T. Pan American) and currently at U. T. Rio Grande Valley. Attrition is estimated at 1-2 students per year based on historical attrition rates from the master's degree program currently offered.

Enrollment Projections

	Year 1	Year 2	Year 3	Year 4	Year 5
White	6	6	6	6	6
African	4	5	6	6	6
American					
Hispanic	10	12	14	14	14
International	1	1	1	1	1
Other	3	4	5	5	5
Cumulative	23	49	79	110	141
Headcount					
FTSE	24	28	32	32	32
Attrition	1	2	2	1	1
Graduates	0	0	0	23	26

Program Quality

The program is projected to require nine full-time core faculty, including a Program Director and a Director of Practice, six of whom are already employed by the University and three who will be hired. The program will also have a projected three associated/support faculty. Collectively, the faculty will sustain a faculty-to-student ratio of 1:12 for lecture and 1:14 for laboratory experiences, in alignment with national faculty-to-student ratios reported by the programmatic accreditor. The faculty will comprise a mix of individuals with both academic and clinical expertise.

The research conducted within the Department of Occupational Therapy is aimed at promoting the quality of occupational therapy education, the role of occupational therapy in health services, and the effectiveness of occupational therapy interventions with a focus on the Rio Grande Valley and Mexican-American culture. Priority is given to interventions that are client-centered, theory-driven, and occupation-based. The faculty are actively engaged in quantitative, qualitative, and mixed methodologies studies, pilot feasibility studies of intervention, and single-subject intervention studies. The faculty are also involved in scholarly activities including authoring books, book chapters, and journal articles. The Department has a history of sharing research conducted by faculty and students at the Texas Occupational Therapy Association Conference and American Occupational Therapy Conference, AOTA Education Summit, Texas Society of Allied Health Professions (TSAHP) and local/regional venues. The occupational therapy program is actively seeking grant funds and collaboration with other disciplines and community organizations to move its research agenda to the next level.

Students will have access to necessary resources for successful completion of the program, from prior to matriculation until graduation. These resources include a pre-matriculation curriculum, an on-campus orientation and enrichment program, faculty advisors assigned to the student for the length of the program, and a national exam preparation course.

Revenue and Expenses

Expenses	5-Year Total
Faculty	
Salaries	\$3,389,542
Benefits	\$1,016,863
Graduate Students	
TA Salaries	-
TA Benefits	-
GRA Salaries	\$1,080,000
GRA Benefits	\$ 216,000
Staff & Administration	
Graduate Coordinator Salary	\$ 25,000
Administrative Staff Salaries	\$ 150,000
Staff Benefits	\$ 45,000
Other Expenses	
Manager Field Education	\$ 210,000
Manager Benefits	\$ 63,000
Supplies & Materials	\$ 75,000
Library & IT Resources	\$ 80,000
Accreditation Fees	\$ 25,000
Equipment / Facilities	\$ 900,000
Travel	\$ 75,000
Marketing & Recruitment	\$ 15,000
Total Expenses	\$7,365,405

Revenue	5-Year Total	
From Student Enrollment		
Formula Funding	\$2,326,407	
Tuition and Fees	\$5,951,494	
From Institutional Funds		
Reallocation of Existing Resources	\$1,856,683	
From Grant Funds		
N/A	-	
From Other Revenue Sources		
N/A	-	
Total Revenue	\$10,134,584	

Coordinating Board Criteria

The proposed program meets all applicable Coordinating Board criteria for new doctoral degree programs.

4. <u>U. T. System: Approval of \$5 million in Available University Funds (AUF) to continue support of the Agreement of Cooperation in Higher Education and Research with The National Council of Science and Technology (CONACYT) of Mexico; and finding that the expenditure of AUF for this purpose is appropriate</u>

RECOMMENDATION

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Academic Affairs, and the Executive Vice Chancellor for Business Affairs that the U. T. System Board of Regents

- authorize \$5 million in Available University Funds (AUF) to continue the support of the Agreement of Cooperation in Higher Education and Research with The National Council of Science and Technology (CONACYT) of Mexico; and
- b. find that expenditure of AUF for this purpose is appropriate under the U. T. System's responsibilities to coordinate the activities of the U. T. System institutions participating in the program, including support and maintenance of the participation of U. T. Austin in the program, with the intent that the expenditure will benefit a broad number of U. T. System institutions.

BACKGROUND INFORMATION

A Memorandum of Understanding (MOU) was executed on August 25, 2015, establishing the basis for programs of cooperation between U. T. System and CONACYT to promote and strengthen relations between both countries in regard to higher education and research. Using the MOU as a platform, the Agreement of Cooperation in Higher Education and Research represents the initial funded series of programs. On May 12, 2016, the Board of Regents authorized \$5 million in AUF to support that agreement for four years.

The programs supported through this Agreement include Mexican Ph.D. student education at U. T. System institutions, exchange of postdoctoral fellows, exchange of non-degree students and faculty, and collaborative research projects. The proposed funding provides continued program and administration support.

The partnership with CONACYT is a U. T. System Administration program that is administered through an office located on the U. T. San Antonio campus known as the ConTex Office. The office functions under contract with U. T. System Administration through the Office of Academic Affairs. U. T. System Administration reimburses the institution with the allocated AUF based on invoices submitted or other appropriate means. The allocation of AUF will also be used to reimburse U. T. Austin for expenses related to U. T. Austin's participation in the program. Funds provided by CONACYT are used to reimburse the cost of institutional participation for those U. T. System institutions choosing to participate. Most U. T. System institutions have previously participated individually in educational programs funded by CONACYT.

Pursuant to the U. T. System Guidelines for Available University-funded System Administration Initiatives, which are included under Item 4 of the Audit, Compliance, and Risk Management Committee, the Chancellor has decided to recommend continued support of this System initiative, and the initiative will be managed in compliance with those guidelines.





Shared knowledge for a common future.

Program highlights

U. T. System Board of Regents' Meeting Academic Affairs Committee November 2019





Enhancing collaborations between Mexico and Texas

- Mexico remains by far the largest export market for Texas products
- Trade between Mexico and Texas is more than \$187 billion
- Positive impact of international students to Texas economy
- Common priority research areas for the U. T. System and CONACYT, including: Medicine and Health Sciences; Engineering; Math, Physics and Earth Sciences; Social Sciences; Biotechnology and AgroSciences; Biology and Chemistry
- CONACYT expressed support to increase research collaborations with Latin America

ConTex Achievements Highlights

- ConTex Office and Programs have been successfully running, providing support for three consecutive years of funding for: collaborative research projects, postdoctoral fellowships, doctoral fellowships. Student exchanges and visiting scholars are planned to start in Year Five.
- ConTex Programs have contributed to strengthening cutting-edge academic collaborations between Mexico and Texas through U. T. Institutions.
- ConTex Programs have contributed to generating innovative research that would not be possible to achieve by a single partner.
- ConTex Programs have contributed to student success by generating a pipeline resulting in highlyqualified workforce and cutting-edge research with a direct impact in Texas, Mexico, and beyond.

CONTEX DOCTORAL FELLOWSHIPS

- Up to 30 fellowships per year
- Support for up to five years includes:
 - Tuition
 - Monthly stipend
 - Health insurance (academic plan)
- Steps to follow:
 - Apply for admission to a U. T. System Ph.D. program
 - Register with ConTex (<u>contex.utsystem.edu</u>)
 - Apply for a CONACYT scholarship

Doctoral Fellows Results Highlights: Impact, Quality, and Equity

- 25 fellowships in 2017, 11 fellowships in 2018, 15 fellowships in 2019
- Gender Representation: 38% Female, 62% Male
- Three students have graduated, two pending graduation
- 0% attrition of ConTex doctoral awardees
- Research areas: Engineering (29%); Social Sciences (16%); Math, Physics and Earth Science (20%), Biology and Chemistry (16%); Behavioral Sciences and Humanities (17%), Biotechnology and AgroSciences (2%)

CONTEX POSTDOCTORAL FELLOWSHIPS

- Postdoctoral scholars seeking to pursue research at U. T. or Mexican institutions receive annual salary (for U. T. Institutions at National Institutes of Health [NIH] level) and health insurance for up to 12 months
- Fellowships are open to all areas of study, with common priority research areas specified in the call for proposals
- Applicants must have completed a Ph.D.
- Applicant must have fulfilled all previous commitments with CONACYT
- Applicants must be either Mexican citizens (for research fellowship at a U. T. Institution) or have graduated from a U. T. Institution (for research fellowship at a Mexican institution)

Postdoctoral Fellows Results Highlights: Impact, Quality, and Equity

- 10 fellowships in 2017, 10 fellowships in 2018, nine fellowships in 2019
- Gender representation: 43% Female, 57% Male

Agenda Book -

 Research areas: Engineering (32%); Math, Physics and Earth Sciences (21.5%); Medicine and Health Sciences (21.5%); Social Sciences (7%); Biotechnology and AgroSciences (7%); Biology and Chemistry (11%)

Postdoctoral Fellows Results Highlights: Impact, Quality, and Equity (cont.)

- Connections between U. T. institutions and Mexican institutions and research centers (public and private) through ConTex Postdoctoral Fellowship Program:
 - Ph.D. Awarding Institutions: CINVESTAV, UNAM, UANL, CIACyT, UASLP, INAOE, El Colegio de Chihuahua, ITESM, Indiana University, University of Essex, Université d'Angers, CIMAT, Southern Methodist University, UDLAP
 - U. T. Host Institutions: U. T. Arlington, U. T. Austin, U. T. Dallas, U. T. El Paso, U. T. San Antonio, U. T. Medical Branch Galveston, U. T. M. D. Anderson Cancer Center
- High research productivity: 2017 Fellows have reported 14 publications and 17 academic presentations of their research

CONTEX COLLABORATIVE RESEARCH GRANTS

- \$1 million annual competition
- Awards of up to \$100K for 12 months
- Teams of researchers from U. T. and Mexican institutions
- Seed funding for competitive and innovative collaborative projects
- Research must contribute to the welfare of Mexico and Texas
- Competitively selected by a committee of faculty and researchers from Mexican and U.S. institutions through rigorous binational peer-review process

Collaborative Research Projects Results Highlights: Impact, Quality, and Equity

- Funding ratio: average of about 10% of proposals awarded
- 2019 Peer Blind Review: 222 Mexican evaluators (from 654 invited) and 166 U. T. institution evaluators (from 515 invited)
- Review criteria: (1) intellectual merit and (2) impact of academic collaboration that is mutually beneficial for Mexico and Texas
- Research areas in 2019: Math, Physics and Earth Sciences (26.67%); Biology and Chemistry (26.67%); Engineering (13.33%); Humanities, Social and Behavioral Sciences (20%); Medicine and Health Sciences (13.33%)

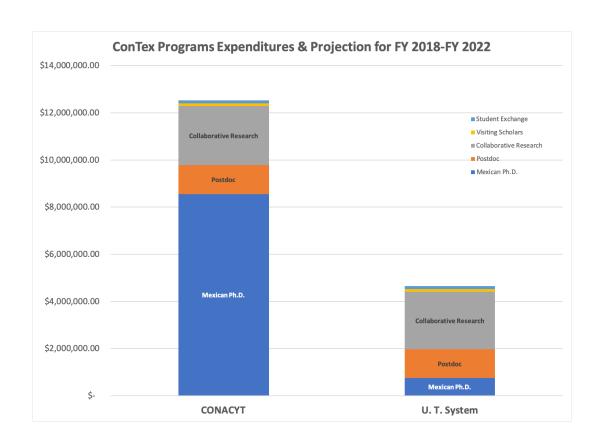
Collaborative Research Projects Results Highlights: Impact, Quality, and Equity (cont.)

- Funded collaborations between U. T. institutions and Mexican institutions and research centers (public and private) through ConTex Collaborative Research Grants Program:
 - 20 different Mexican Institutions Funded: BUAP, UNAM, INSP, CINVESTAV, UV, CICESE, UACJ, UANL, UAQ, UDG, ITAM, CIMAT, COLSON, UAAAN, UAT, IPICYT, UDLAP, ITESM, CIIDR-IPN, UJAT
 - U. T. Institutions: U. T. Austin, U. T. Dallas, U. T. El Paso, U. T. Medical Branch Galveston, U. T. Rio Grande Valley, U. T. San Antonio
- High research productivity: 2017-2018 Grants have produced 34 publications, eight grants leveraging more than \$365K of external funding, and multiple research awards and recognitions

In the first five years of ConTex Programs, program expenditures and projections, total funding commitment is at more than \$17.1 million, with more than \$12.5 million from CONACYT and \$4.6 million from the U. T. System.

Contributions to doctoral student fellowships to the U. T. institutions are projected at more than \$9.3 million in combined commitment from CONACYT and the U. T. System.

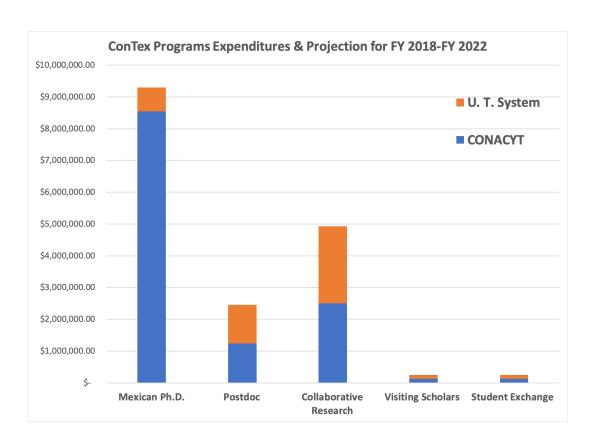
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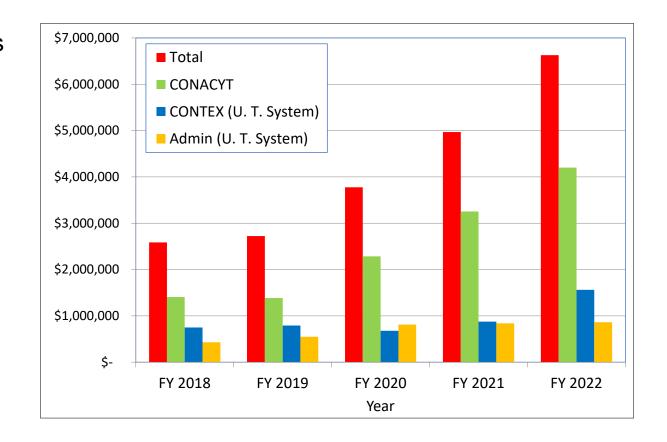
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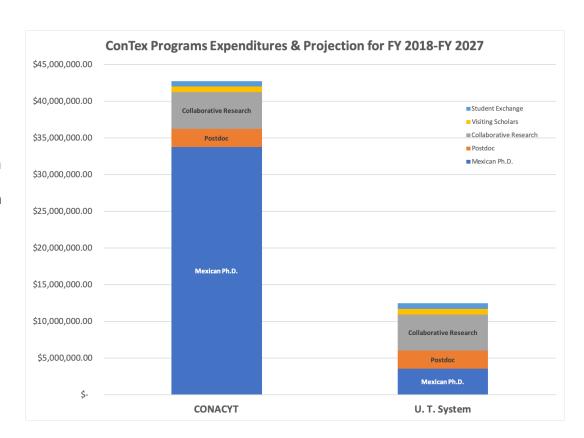
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Projections for FY 2018–FY 2027 (based on three years of ConTex Programs)

For 10 years of ConTex Programs, program expenditures and projections, total funding commitment is at more than \$55.2 million, with more than \$42.7 million from CONACYT and \$12.5 million from the U. T. System.

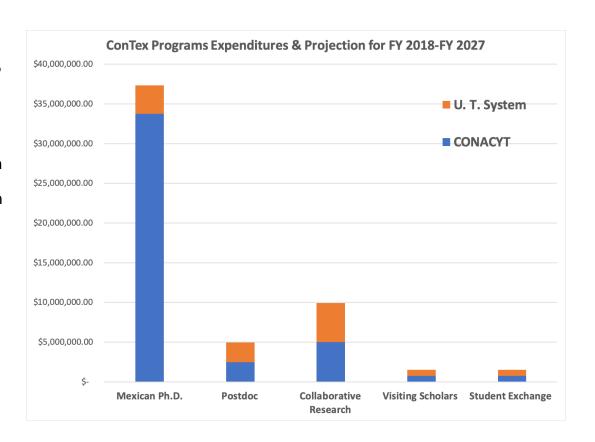
Contributions to doctoral student fellowships to the U. T. institutions are projected at more than \$37.3 million in combined commitment from CONACYT and the U. T. System.



Projections for FY 2018–FY 2027 (based on three years of ConTex Programs)

For 10 years of ConTex Programs, program expenditures and projections, total funding commitment is at more than \$55.2 million, with more than \$42.7 million from CONACYT and \$12.5 million from the U. T. System.

Contributions to doctoral student fellowships to the U. T. institutions are projected at more than \$37.3 million in combined commitment from CONACYT and the U. T. System.



5. <u>U. T. San Antonio: Discussion and appropriate action regarding approval of an</u> update to the Campus Master Plan

RECOMMENDATION

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Academic Affairs and the institutional president that the U. T. System Board of Regents approve an update to the Campus Master Plan for U. T. San Antonio as set forth on the following pages.

President Eighmy will be available to respond to questions from the Board.



The University of Texas at San Antonio

Campus Master Plan

Dr. Taylor Eighmy, President

U.T. System Board of Regents' Meeting Academic Affairs Committee November 2019

UTSA'S 10-YEAR

Destinations

A model for student success

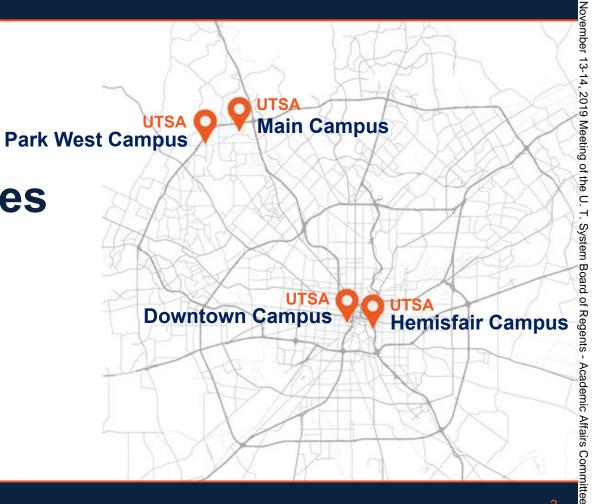
A great public research university

An exemplar for strategic growth and innovative excellence



One University, **Multiple Campuses**

- Main Campus
- Park West Campus
- **Downtown Campus**
- Hemisfair Campus



Acreage

UTSA's Four Campuses

- 758 total acres
- 573 developable acres



Main Campus 600 acres | 495.2 developable acres



Downtown Campus 18.3 acres | 8.3 developable acres



Park West Campus 125 acres | 70 developable acres



Hemisfair Campus 14.6 acres | 14.6 developable acres



Texas Higher Education Coordinating Board 2018 Space Assessment

All UTSA Campuses

Current	Space
566,371	

assignable square feet

163,874 assignable square feet

241,004 assignable square feet

623,562

assignable square feet

66,122 assignable square feet

1,660,933 ASF

Teaching

Library

Research

Office

Support

Total

Current Deficit

707,999 assignable square feet

189,933 assignable square feet

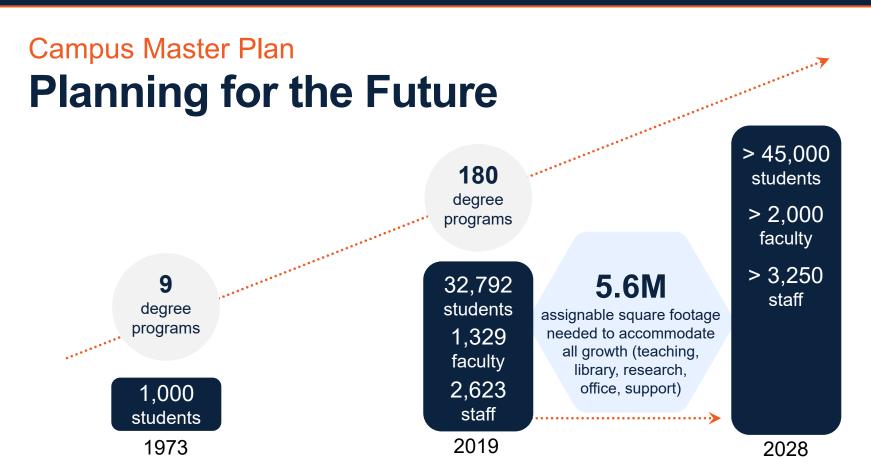
43,418 assignable square feet

201,519 assignable square feet

180,269 assignable square feet

1,323,138 ASF







The University of Texas at San Antonio

Main Campus

Main Campus

Planning Principles



Principle #1

Support a robust academic & research enterprise



Principle #2

Increase access to open spaces



Principle #3

Promote pedestrian orientation



Principle #4

Encourage mixed-use & develop diverse housing options

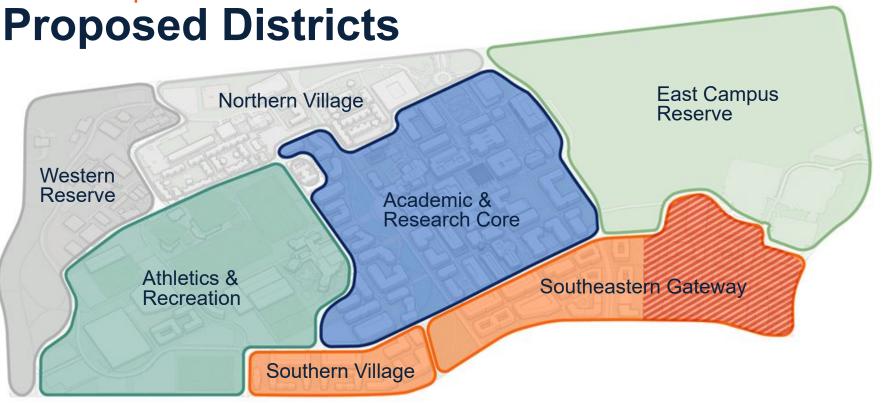


Principle #5

Pursue revenue development opportunities

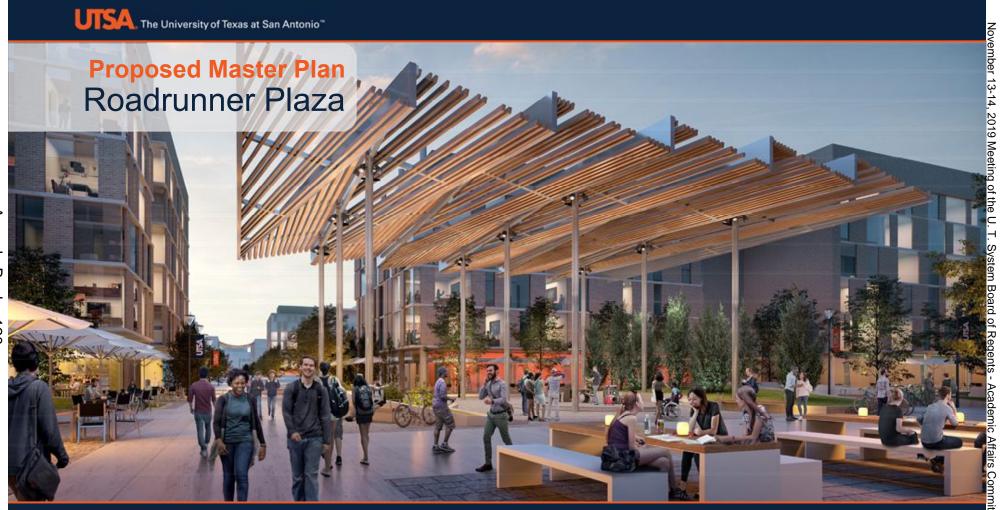


Main Campus Propose











Proposed Master Plan

Main Campus Additions

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813,549 assignable square feet

228,692 assignable square feet

570,262 assignable square feet

63,222 assignable square feet

4,055 number of beds

12,857 number of parking spaces

1,675,725 ASF

Academic, Research & Library

Athletics, Recreation

Administrative Office Space

Support

Housing

Parking Spaces

Total

Proposed Additions

3,158,400 assignable square feet

218,610 assignable square feet

413,700 assignable square feet

93,100 assignable square feet

6,000 number of beds

6,791 number of parking spaces

3,883,810 ASF

Revenue Development Opportunities

- Innovation Park
- Roadrunner housing
- Mixed-use

Academic Affairs Committee

November 13-14, 2019 Meeting of the U. T. System Board of Regents -



The University of Texas at San Antonio

Park West Campus

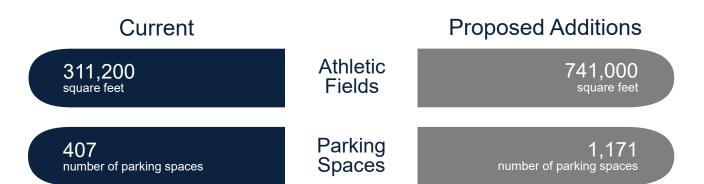


PROPOSED BUILDING



Proposed Master Plan

Park West Campus Additions



November 13-14, 2019 Meeting of the U. T. System Board of Regents - Academic Affairs Committee



The University of Texas at San Antonio

Downtown Campus

Downtown Campus

Planning Principles



Principle #1

Promote community partnerships



Principle #2

Embrace urban environment, arts and culture



Principle #3

Enhance pedestrian connections



Principle #4

Create a complete, comprehensive campus

November 13-14, 2019 Meeting of the U. T. System Board of Regents - Academic Affairs Committee





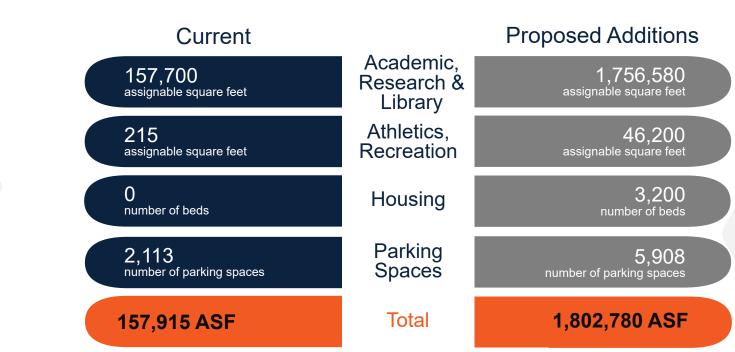






Proposed Master Plan

Downtown Campus Additions



Revenue Development Opportunities

- NSCC/SDS
- Operation & maintenance of existing campus

November 13-14, 2019 Meeting of the U. T. System Board of Regents - Academic Affairs Committee