VIP Campus Visit
LEGISLATIVE & AGENCY STAFF

Dr. Taylor Eighmy
President, UTSA

August 12, 2022
147K ALUMNI WORLDWIDE

70% GRADUATES STAY IN TEXAS
$14 million in research expenditures

$3B economic impact
TOTAL DEGREES GRANTED

- 2005-06: 4,388
- 2010-11: 5,224
- 2015-16: 5,961
- 2020-21: 7,777
SAN ANTONIO’S POTENTIAL

A Growing Population

The San Antonio metro area is expected to exceed 4M people by 2050.

Bexar County’s population alone is expected to increase to more than 3.3M—one million more than present day.
$500M
CAMPAIGN GOAL

110K+
GIFTS RECEIVED

38K+
DONORS

$40M
for Student Success from MacKenzie Scott

$20M
Carlos Alvarez College of Business

$20M
Klesse College of Engineering and Integrated Design
UTSA’S PLANNED TRAJECTORY

R1
Carnegie’s highest research classification
✓ DEC 2021

NRUF
Tier One in the State of Texas
✓ MAY 2022

AAU Equivalent
Nation’s most prestigious research institutions
SAN ANTONIO’S TIER ONE UNIVERSITY

WITH A CARNEGIE CLASSIFICATION R1

A BOLD MILESTONE FOR RESEARCH EXCELLENCE

TOP 4% OF ONLY 146 UNIVERSITIES IN THE NATION

AND ONE OF 20 TIER ONE HISPANIC SERVING INSTITUTIONS

MORE OPPORTUNITIES FOR STUDENTS & SAN ANTONIO INCREASING THE VALUE OF A UTSA DEGREE
ALLIANCE OF HISPANIC SERVING RESEARCH UNIVERSITIES

Hispanic Serving & Carnegie R1

<table>
<thead>
<tr>
<th>Arizona State University</th>
<th>Texas A&amp;M University, College Station</th>
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<tbody>
<tr>
<td>Florida International University</td>
<td>Texas Tech University, Lubbock</td>
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<tr>
<td>University of Arizona, Tucson</td>
<td>University of California, Irvine</td>
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<tr>
<td>University of California, Riverside</td>
<td>University of California, Santa Barbara</td>
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<td>University of California, Santa Cruz</td>
<td>University of Central Florida</td>
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<td>University of Colorado - Denver</td>
<td>University of Houston</td>
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<td>University of Illinois Chicago</td>
<td>University of Nevada, Las Vegas</td>
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<td>University of New Mexico, Albuquerque</td>
<td>University of North Texas, Denton</td>
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<td>University of Texas at Austin</td>
<td>University of Texas at San Antonio</td>
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<td>University of Texas at Arlington</td>
<td>University of Texas at El Paso</td>
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<tr>
<td>CUNY Graduate School &amp; Univ. Ctr.</td>
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State Count  
21 Total

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<thead>
<tr>
<th>Texas</th>
<th>Colorado</th>
<th>Nevada</th>
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<tr>
<td>8</td>
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<table>
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<tr>
<th>Arizona</th>
<th>Florida</th>
<th>New Mexico</th>
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<tr>
<td>2</td>
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<tr>
<th>California</th>
<th>Illinois</th>
<th>New York</th>
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<tr>
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NATIONAL RESEARCH UNIVERSITY FUND TIER ONE IN TEXAS
ATTAINED ELIGIBILITY IN MAY 2022
STATE SUPPORT INITIATIVE

San Antonio Life Sciences Institute (SALSI)

Providing students with opportunities to collaborate with Texas scholars in biomedicine and public health research
STATE SUPPORT INITIATIVE

San Antonio Life Sciences Institute (SALSI)

A catalyst for interdisciplinary collaborations in health, biomedical and biotechnology industries

Fosters a critical workforce to solves challenges in health, medicine and life sciences

To date, SALSI has graduated more than 190 masters students and more than 80 PhD students
INITIATIVE

Brain Health Consortium

Home to 40+ world-class scientists committed to discovering the inner workings of the brain
BRAIN HEALTH CONSORTIUM

Research Pillars

- Stem cells and precision medicine
- Neuroengineering
- Neuroscience

**NIH Brain Initiative** | $12.5M awarded, 2021
Secured to advance new methods for studying genetic brain disorders through male germline editing in marmosets

**Oskar Fischer Prize** | $4M awarded, 2022
Funding for innovative explanations of Alzheimer’s disease
STATE SUPPORT INITIATIVE

BOLD Research

Building an ecosystem for high impact research and applied technology development to solve grand challenges
STATE SUPPORT INITIATIVE

BOLD Research

Expand research expertise, advanced technology and research infrastructure

Build on successes in engineering, basic sciences, national security and the digital economy

Design world-class research facilities to conduct even more impactful biomedical research
School of Data Science

Inspiring and preparing a generation of diverse data scientists who can make our world more equitable, informed and secure
The First of its Kind in Texas

Radical Innovation in Data Generation, Engineering, Analysis and Protection

Application Domains

Interdisciplinary Methods

Federal Agency Synergy

Computer Science

Information Systems & Cyber Security

Mathematics & Statistics

5G Technology

Artificial Intelligence

Quantum Computing

Electrical & Computer Engineering

Open Cloud

Bioinformatics
National Security Collaboration Center

Catalyzing government-university-industry R&D collaboration in our national security ecosystem
Joint Base San Antonio, largest joint base in the United States

16th Air Force, global cyber operational wing for entire Air Force

NSA Texas, the largest National Security Agency hub outside of Washington, D.C.

Many other Department of Defense, national security and cybersecurity agencies (DHS, FBI, NSA, USSS)

2,725 defense contractors and $6B in defense contracts and personnel spending in 2019

New Cybersecurity Manufacturing Innovation Institute - Department of Energy investing $111M 2020-25
INITIATIVE

Cybersecurity Manufacturing Innovation Institute (CyManII)

Next-generation cybersecurity architecture for our nation’s manufacturers, one of 16 Manufacturing Innovation Institutes nationally
Collaborative Team
Meeting the Need: Three Focus Areas

1. Securing automation
2. Protecting supply chain network
3. Building a national education & workforce development program
## Partnerships

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<th>Texas Association of Manufacturers</th>
<th>UTSA National Security Collaboration Center</th>
<th>Cybersecurity Manufacturing Innovation Institute</th>
<th>UTSA Small Business Development Center Network</th>
<th>Texas Economic Development Corporation</th>
<th>Texas Department of Information Resources</th>
<th>Port San Antonio</th>
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PARTNERSHIP

University of Texas
School of Public Health San Antonio

- Building a healthier community through public health education, prevention and policy
- Provides a strong foundation of serving public health needs unique to diverse populations of San Antonio and South Texas
- Investment allocated for acquisition, retention and recognition
- UT System Board authorized November, 2021
CONTACTS

Dr. Taylor Eighmy
President, UTSA
office: (210) 458-4101
teighmy1@utsa.edu

Teresa Niño
Vice President for University Relations, UTSA
office: (210) 458-4136
teresa.nino@utsa.edu

Jason Hassay
Associate Vice President Government Relations, UTSA
office: (210) 458-5102
mobile: (512) 413-9598
jason.hassay@utsa.edu

Albert Carrisalez
Assistant Vice President Government Relations, UTSA
office: (210) 458-5138
mobile: (210) 452-7557
albert.carrisalez@utsa.edu
TOUR OF BRAIN HEALTH CONSORTIUM LAB
Dr. Jenny Hsieh
Founding Director, UTSA
Brain Health Consortium