



VIP Campus Visit

LEGISLATIVE & AGENCY STAFF

Dr. Taylor Eighmy
President, UTSA

August 12, 2022



UTSA[®]

AT A GLANCE

196

UNIVERSITY
CREATED

34K

FALL
ENROLLMENT
2021

45K+

STUDENTS
BY

2028

147K

**ALUMNI
WORLDWIDE**

70%

**GRADUATES
STAY IN
TEXAS**

\$ 14

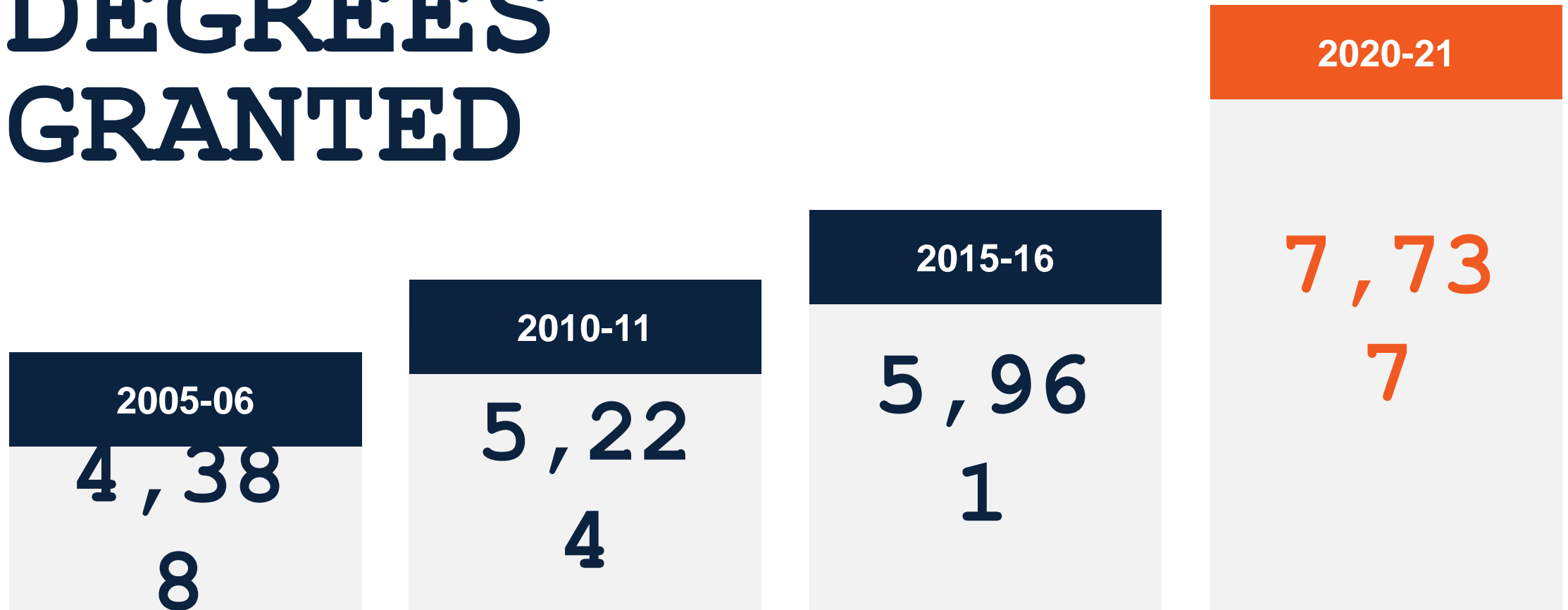
MILLIO
RESEARCH
EXPENDITURE

S

\$ 3B

TEXAS
ECONOMIC
IMPACT

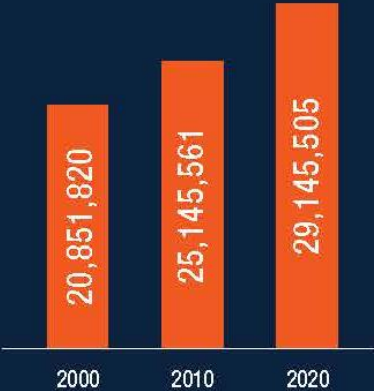
TOTAL DEGREES GRANTED



A Growing Population

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

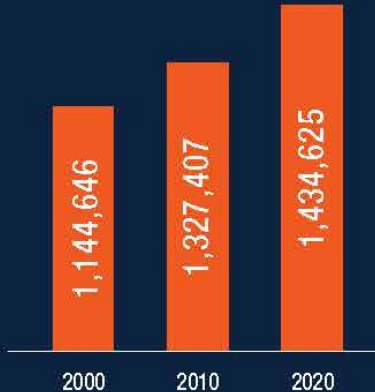
Bexar County's population alone is expected to increase to more than 3.3M—one million more than present day.



Texas population

16%

Increase (2010-2020)



San Antonio population

8%

Increase (2010-2020)

UTSA
BE BOLD
A CAMPAIGN FOR OUR FUTURE

\$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

TIE ONE

UNIVERSITY

UTSA

WITH A
PRESTIGIOUS
CARNEGIE
CLASSIFICATION
R1
N

A BOLD
MILESTONE FOR
RESEARCH
EXCELLENCE

TOP 4%
ONLY 146
UNIVERSITIES
IN THE
NATION

MORE
OPPORTUNITIES

FOR STUDENTS & SAN
ANTONIO
INCREASING THE
VALUE OF A
UTSA DEGREE

AND TIER
ONE OF HISpanic
20 ONE SERVING
INSTITUTIONS

ALLIANCE OF HISPANIC SERVING RESEARCH UNIVERSITIES

Hispanic Serving & Carnegie R1

Arizona State University	Texas A&M University, College Station
Florida International University	Texas Tech University, Lubbock
University of Arizona, Tucson	University of California, Irvine
University of California, Riverside	University of California, Santa Barbara
University of California, Santa Cruz	University of Central Florida
University of Colorado - Denver	University of Houston
University of Illinois Chicago	University of Nevada, Las Vegas
University of New Mexico, Albuquerque	University of North Texas, Denton
University of Texas at Austin	University of Texas at San Antonio
University of Texas at Arlington	University of Texas at El Paso
CUNY Graduate School & Univ. Ctr.	



State Count >>> 21 Total

8 Texas	1 Colorado	1 Nevada
2 Arizona	2 Florida	1 New Mexico
4 California	1 Illinois	1 New York

NATIONAL RESEARCH
UNIVERSITY FUND
TIER ONE IN
TEXAS

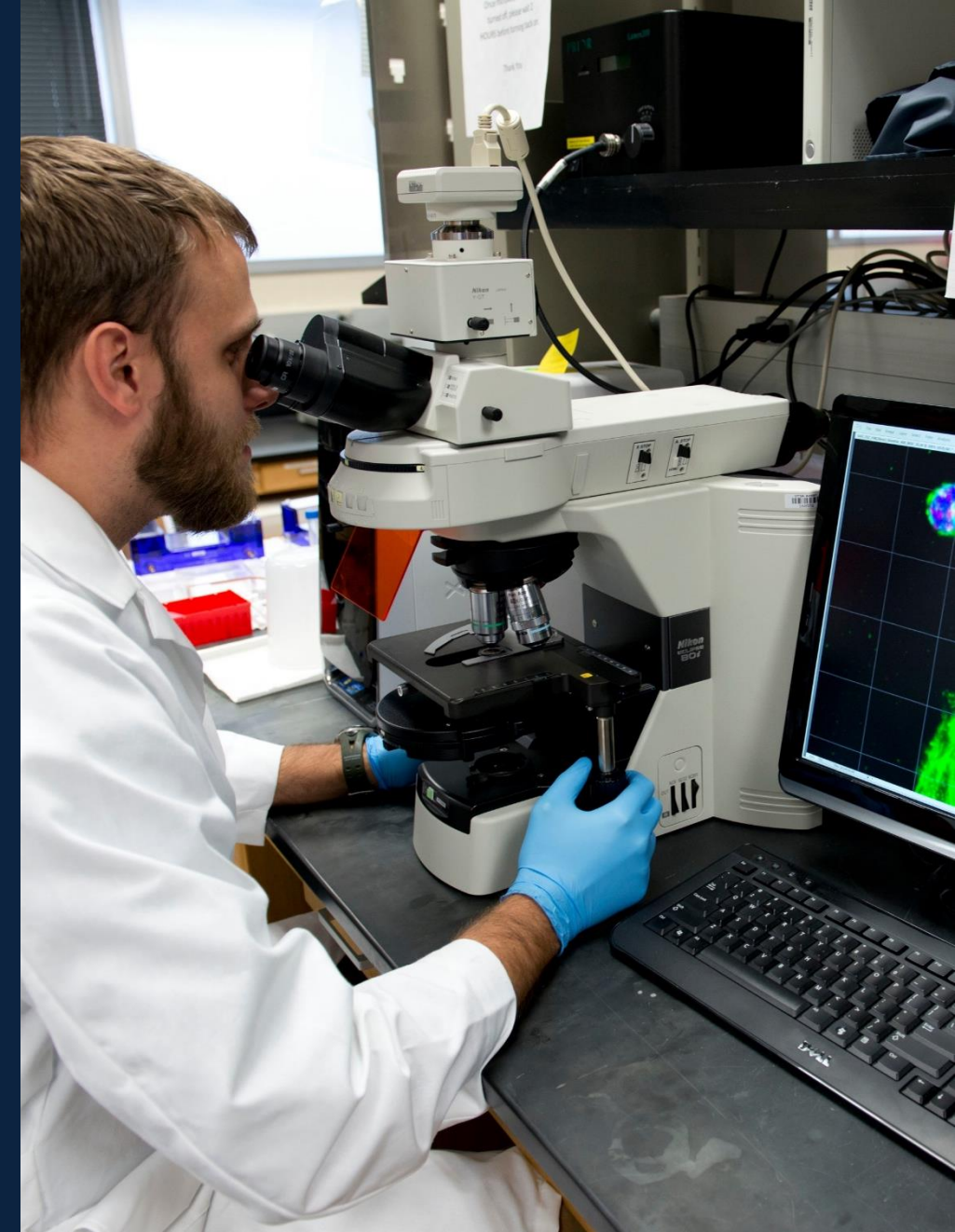
ATTAINED ELIGIBILITY IN MAY
2022



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 solve 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



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

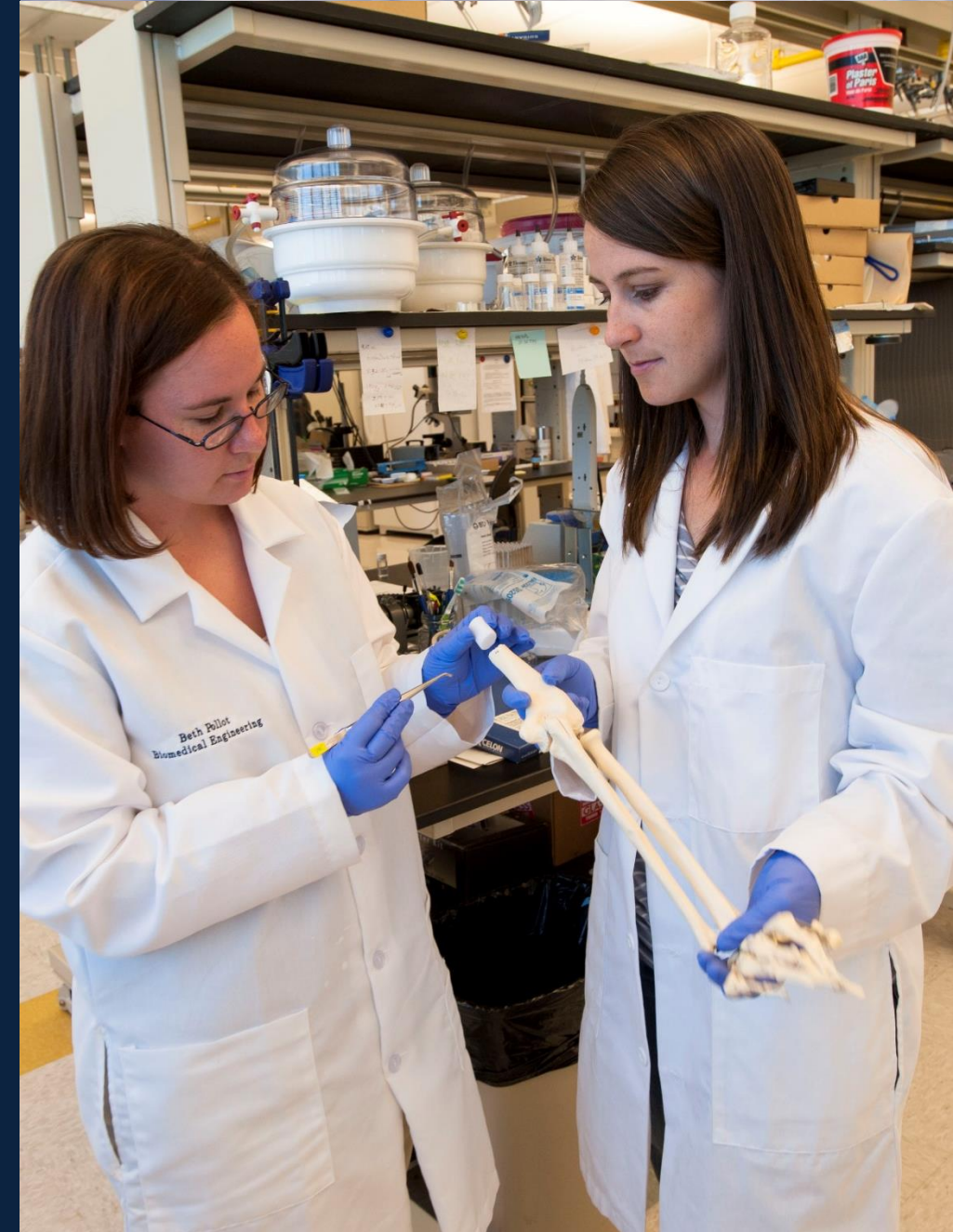
Funding for innovative explanations of Alzheimer's disease



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



INITIATIVE

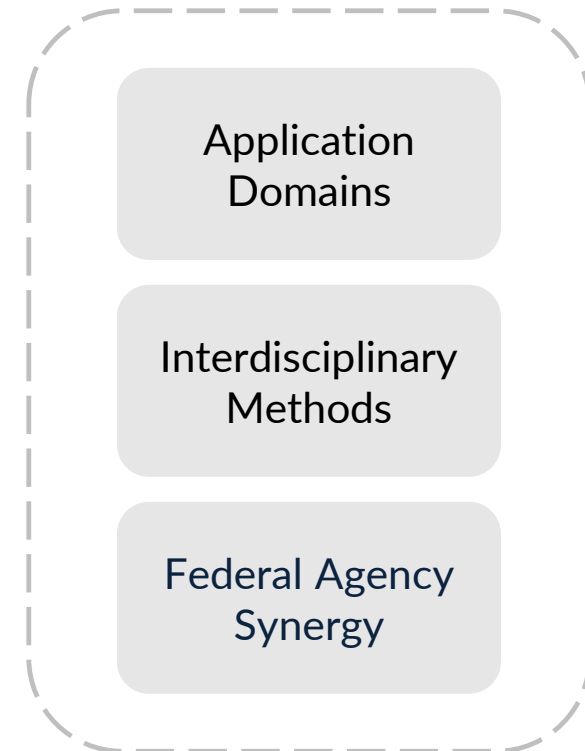
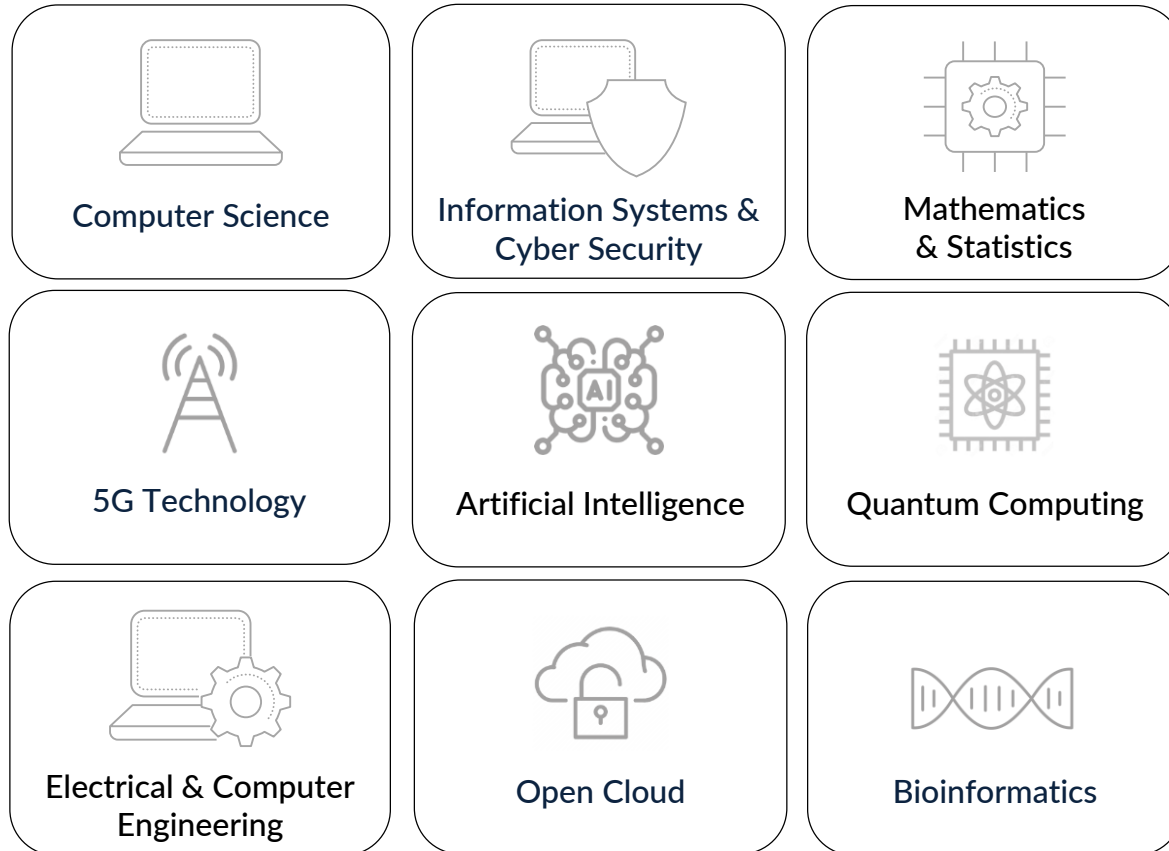
School of Data Science

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



INITIATIVE

National Security Collaboration Center

Catalyzing government-
university-industry R&D
collaboration in our national
security ecosystem



NATIONAL SECURITY COLLABORATION CENTER

- **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

FEDERAL AND STATE ENTITIES



REGIONAL INDUSTRY (DATA PARTNERS)





Booz | Allen | Hamilton



School of Data Science &
National Security
Collaboration Center

Innovation,
Entrepreneurship
and Careers Building



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

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





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NEXT UP

TOUR OF BRAIN HEALTH CONSORTIUM

LAB

Dr. Jenny Hsieh

Founding Director, UTSA
Brain Health Consortium

