RESEARCH

UTSA's research efforts span numerous disciplines and our research enterprise is committed to inquiry and discovery that benefits society at large while providing transformational experiences for students.

RESEARCH PILLARS

UTSA performs leading-edge research in a wide variety of disciplines. The university has chosen to exert particular research focus on the specific foundational pillars shown below in which UTSA possesses leading expertise. Work in these strategic areas will be critical to state and national planning, governance, infrastructure and technology development — as well as societal security and well-being. Through research collaboration and external partnerships, the university will continue to maximize its societal impact in these and other fields.

Cyber

- » Cloud
- » Cybersecurity
- » Data science
- » Artificial intelligence

Health

- » Brain health
- » Neuroengineering
- » Bioregeneration
- » Infectious disease
- » Population studies

Fundamental futures

- » Earth and space sciences
- » Materials
- » National security
- » Smart infrastructure

Social-economic transformation

- » Career-engaged education
- » Disparities
- » Entrepreneurship
- » Human development

HIGHLIGHTS

R1 STATUS
UTSA's Carnegie research designation

$152M
Total R&D expenditures

$75M
Restricted R&D expenditures

$113M
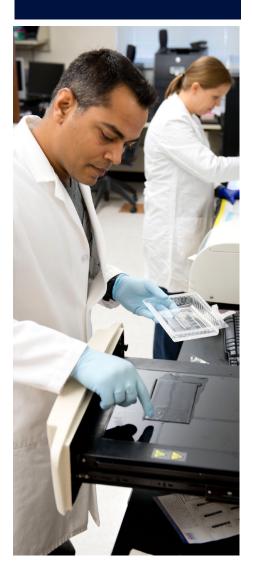Value of latest new awards received

Fiscal Year 2023 Data

30
TOTAL RESEARCH CENTERS & INSTITUTES

RESEARCH CENTERS AND INSTITUTES

- » Academy for Teacher Excellence
- » Brain Health Consortium
- » Center for Advanced Manufacturing and Lean Systems
- » Center for Advanced Measurements in Extreme Environments
- » Center for Archaeological Research
- » Center for Community Based and Applied Health Research
- » Center for Cultural Sustainability
- » Center for Excellence in Engineering Education Research
- » Center for Infrastructure Assurance and Security
- » Center for Innovative Drug Discovery
- » Center for Research and Training in the Sciences
- » Center for Urban and Regional Planning Research
- » Cyber Center for Security and Analytics
- » Cybersecurity Manufacturing Innovation Institute
- » Institute for Cyber Security
- » Institute for Demographic and Socioeconomic Research
- » Institute for Health Disparities Research
- » Institute of Regenerative Medicine
- » Institute for Water Research, Sustainability and Policy
- » MATRIX AI Consortium for Human Well-Being
- » National Security Collaboration Center
- » Open Cloud Institute
- » Sustainable Pervasive Urban Resilience
- » South Texas Center for Emerging Infectious Diseases
- » Texas Sustainable Energy Research Institute
- » Urban Education Institute
- » Center for Applied Community & Policy Research
- » UTSA Mexico Center
- » Women's Studies Institute
- » UTSA Arts

FEDERAL GRANTS

Every year, UTSA is a recipient of grants which help propel our research in:

- » Advanced Manufacturing
- » Brain Health
- » Social Justice
- » Cybersecurity Education
- » Biomedical Engineering
- » Small Business Development
- » Economic Disparities