



TEXAS A&M UNIVERSITY

RESEARCH ENTERPRISE

Texas A&M University is one of the world's leading research institutions, dedicated to advancing knowledge and serving the public good. As a land-grant-, sea-grant and space-grant university, Texas A&M engages in research that spans multiple disciplines and addresses global challenges.

RESEARCH ENTERPRISE STRATEGIC PLAN

- Outlines the strategic direction and key priorities for Texas A&M's research activities from 2023 to 2030.
- Focuses on enhancing research infrastructure, fostering interdisciplinary collaborations, promoting innovation and increasing research funding.
- Identifies six strategic research themes including 21 sub-themes identified for specific focus areas within each strategic research theme.



Community, Culture and Economic Resilience



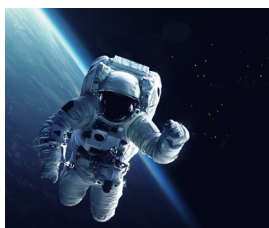
Emerging Technologies and Innovations



Health and Quality of Life



National Security



Space Exploration



Sustainability and Environment

KEY INITIATIVES AND PROGRAM

Chancellor's Research Initiative (CRI)

Designed to attract and retain world-class faculty by providing funding for research infrastructure and support.

Governor's University Research Initiative (GURI)

State-funded initiative aimed at recruiting nationally recognized researchers to Texas universities.



RESEARCH EXPENDITURES AND RANKINGS

**FIRST RESEARCH INSTITUTION
IN THE STATE OF TEXAS**

**TO TOP
\$1 BILLION.**

Fiscal year 2021

\$1.278B

Fiscal year 2023
research expenditures

#13

Among U.S. public institutions
for total research expenditures

*National Science Foundation HERD Survey
(fiscal 2023, table 37)*

RESEARCH ENTERPRISE AT A GLANCE



CORE FACILITIES

- More than 50 core facilities providing access to specialized instruments, technologies, and services.
- Categories include chemical science technologies, data information and computation, integrated biological and medical translation, materials and fabrication, microscopy and imaging.

CENTERS AND INSTITUTES

More than 130 centers and institutes tackling major research challenges in areas such as climate, environment, computation, education, energy, food and water, global health, infrastructure, materials, manufacturing and public policy.

PARTNER STATE AGENCIES

- **Texas A&M AgriLife Research:** Conducts agricultural research to improve agriculture in Texas and beyond.
- **Texas A&M Engineering Experiment Station:** Engages in engineering research and development to address critical state and national challenges.
- **Texas A&M Transportation Institute:** Conducts research to improve the safety, efficiency and sustainability of transportation systems.



RESEARCH IN COLLEGES AND SCHOOLS

College of Agriculture and Life

Sciences: Addresses food security, sustainable agriculture, environmental stewardship and other global issues.

College of Architecture: Engages in urban planning, design, sustainability and the built environment.

College of Arts and Sciences:

Conducts research across humanities, social sciences, natural sciences and mathematics, fostering interdisciplinary collaborations.

Mays Business School: Specializes in business administration, management, finance, marketing and entrepreneurship.

College of Dentistry: Advances dental sciences, oral health and craniofacial biology.

College of Education and Human

Development: Focuses on educational research, human development, learning sciences and educational policy.

College of Engineering: Engages in cutting-edge research in aerospace, biomedical, chemical, civil, computer, electrical, industrial, mechanical, nuclear and petroleum engineering.

School of Engineering Medicine:

Integrates engineering with medical sciences to innovate in healthcare technology and medical research.

Bush School of Government and

Public Service: Conducts research on public policy, administration, international affairs and public service.

School of Law: Addresses constitutional law, environmental law, intellectual property and international law.

College of Medicine: Advances neuroscience, infectious diseases, cancer and cardiovascular health.

College of Nursing: Engages in research on nursing practices, healthcare delivery, patient outcomes and public health.

College of Performance, Visualization

and Fine Arts: Specializes in performance studies, visual arts, digital media and creative technologies.

Irma Lerma Rangel College of

Pharmacy: Conducts research in pharmaceutical sciences, drug development, pharmacology and clinical pharmacy.

School of Public Health: Focuses on public health research, epidemiology, health policy, environmental health and health behavior.

College of Veterinary Medicine

and Biomedical Sciences: Advances veterinary sciences, animal health, biomedical sciences and translational medicine.

FACULTY AWARDS AND RECOGNITION

- 33** National Academy of Engineering Members
- 17** National Academy of Sciences Members
- 6** National Academy of Medicine Members
- 3** Nobel Prize Laureates
- 2** Wolf Prize Recipients

- 16** American Academy of Arts & Sciences Members
- 85** American Association for the Advancement of Science Fellows
- 8** American Academy of Nursing Fellows
- 18** National Academy of Inventors Fellows



Source: Faculty Affairs

Texas A&M Division of Research
Interdisciplinary Life Sciences Building
301 Old Main Drive / College Station, Texas 77843-1112
1112 TAMU / 979.845.8585



TEXAS A&M UNIVERSITY

Division of Research

research.tamu.edu