The Division of Research at Texas A&M University aims to advance and strengthen all aspects of the research enterprise by leveraging research strengths, enhancing resources, fostering collaborations, increasing funding, promoting research integrity, and enhancing communication and visibility of research efforts.

### DIVISION UNITS

**Centers and Institutes**
Organizes researchers to take on major challenges.

**Comparative Medicine Program**
Offers high quality animal care at affordable cost.

**Core Facilities**
Provides state-of-the-art instrumentation, technologies and specialized scientific services.

**Postdoctoral Affairs**
Serves postdocs and the faculty who train them.

**Research Communications and Public Relations**
Delivers writing, editing, video, web and graphic services to the division and its units.

**Research Compliance and Biosafety**
Provides guidance in biosafety, animal welfare and human research protection.

**Research Development Services**
Offers no-cost consultation and training for developing proposals.

**Research Enterprise Business Services**
Provides support to all division units.

**Research Security and Export Controls**
Helps to safeguard integrity of research and scholarship.

**Special Strategic Projects**
Assists with proposals aligned with division and university priorities.

**Sponsored Research Services**
Works with researchers in the administration of funded projects.

**Strategic Initiatives**
Coordinates cross-cutting initiatives to advance the research enterprise.

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**OVERSIGHT AND EVALUATION**

- Institutional Animal Care and Use Committee (IACUC)
  animalcompliance@tamu.edu
- Institutional Biosafety Committee (IBC)
  ibc@tamu.edu
- Institutional Review Board (IRB)
  irc@tamu.edu

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**Texas A&M University**

$1,278B
Fiscal year 2023 research expenditures

#14
Among U.S. public institutions in the National Science Foundation’s most recent Higher Education Research and Development Survey

1 of 24
Land-, sea-, and space-grant universities

1 of 69
Association of American Universities members

1 of 10
To hold the designation as both land-, sea-, and space-grant university and Association of American Universities member
DIVISION CENTERS AND INSTITUTES

Bringing together scholars and scientists to tackle major research challenges.

Comparative Medicine Program
Provides high-quality animal care at affordable costs.

Hagler Institute for Advanced Study
Acts as a catalyst to enrich the intellectual climate.

High Performance Research Computing
Provides computing resources for cutting-edge research.

International Ocean Discovery Program
Manages science operations, archives data and publishes findings.

Microscopy and Imaging Center
Offers cutting-edge technologies for life and physical sciences.

Private Enterprise Research Center
Analyzes policy issues and supports academic research.

Texas A&M Energy Institute
Advances multidisciplinary energy research and partnerships.

Texas A&M Global Cyber Research Institute
Coordinates information security and cyber defense programs.

Texas A&M Institute of Data Science
Takes novel approaches to research and partnerships.

Texas A&M Institute for a Disaster Resilient Texas
Conducts research on disaster risk reduction.

Texas A&M Institute for Genome Sciences and Society
Unites genome scientists with social researchers.

Texas A&M Institute for Neuroscience
Strengthens interdisciplinary and collaborative research.

Texas Real Estate Research Center
Studies real estate financial, socioeconomic and policy issues.

Texas Sea Grant College Program
Supports programs along the Gulf Coast.

vpr.tamu.edu/centers-and-institutes

CORE FACILITIES

Core facilities provide essential resources for groundbreaking research.
These fall under six thematic categories:

Environmental and Chemical Sciences
State-of-the-art sample collection and analysis

Data Informatics and Computation
Computational hardware, software and expertise across the data sciences

Microscopy and Imaging
Advanced techniques for visualizing everything from molecules to entire animals

Genomics, Sequencing and Flow
Services in flow cytometry and high throughput as well as DNA, RNA and computational technologies

Materials Characterization and Fabrication
Synthesis and characterization of materials like polymers, metals and ceramics

Animal Care and Behavior
High-quality supply, housing and care of laboratory animals along with specialized rodent services

vpr.tamu.edu/core-facilities

INTERNAL FUNDING PROGRAMS

- Arts and Humanities Fellows Program:
  Recognizes extraordinary scholarship and creativity among Texas A&M faculty members engaged in the humanities or the creative arts.
  vpr.tamu.edu/arts-humanities-fellows

- ASCEND (Advancing Scholarly Contributions and Engagement in New Directions):
  Includes Research Leadership Fellowships (RLF) to develop junior faculty into research leaders and Targeted Proposal Teams (TPT) to grow new interdisciplinary research collaborations.
  vpr.tamu.edu/ascend

- PRISE (Program to Recognize and Incentivize Scholarly Excellence):
  Promotes collaboration between Texas A&M and Prairie View A&M University faculty to pursue multidisciplinary research and innovation projects.
  vpr.tamu.edu/panther-rise

- RDF (Research Development Fund):
  Provides funding for strategic investments that support the Texas A&M research enterprise and catalyze new ventures.
  rdf.tamu.edu

- vpr.tamu.edu: Serves as a comprehensive resource for information on research policies, funding opportunities, compliance, strategic initiatives and research-support services at Texas A&M.

- Research @ Texas A&M: Showcases research stories and advances.
  research.tamu.edu

- Research Bulletin: Highlights recent research news and achievements.

- Research Digest: Collects and distributes vital information to all Texas A&M researchers.

vpr.tamu.edu
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.

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

#14
Among U.S. public institutions in the National Science Foundation’s most recent Higher Education Research and Development Survey (Based on total research expenditures of $1.153 billion for fiscal year 2022)

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.
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.

School 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.

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

School 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.

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

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

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

Irma Lerma Rangel School 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.

School of Veterinary Medicine and Biomedical Sciences: Advances veterinary sciences, animal health, biomedical sciences and translational medicine.

FACULTY AWARDS AND RECOGNITION

<table>
<thead>
<tr>
<th>Award Category</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Academy of Engineering Members</td>
<td>33</td>
</tr>
<tr>
<td>National Academy of Sciences Members</td>
<td>17</td>
</tr>
<tr>
<td>National Academy of Medicine Members</td>
<td>6</td>
</tr>
<tr>
<td>Nobel Prize Laureates</td>
<td>3</td>
</tr>
<tr>
<td>Wolf Prize Recipients</td>
<td>2</td>
</tr>
<tr>
<td>American Academy of Arts &amp; Sciences Members</td>
<td>16</td>
</tr>
<tr>
<td>American Association for the Advancement of Science Fellows</td>
<td>85</td>
</tr>
<tr>
<td>American Academy of Nursing Fellows</td>
<td>8</td>
</tr>
<tr>
<td>National Academy of Inventors Fellows</td>
<td>18</td>
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</tbody>
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Source: Faculty Affairs