Texas A&M University’s standing today—as one of the largest research universities in the United States—is testament to more than 125 years of visionary planning and strategic investment.

INNOVATION AT TEXAS A&M

Cited nationally for “tangible contributions to the public interest,” Texas A&M remains true to its land-grant mission. Texas A&M turns discovery into deeds, develops tools and expertise designed for real-world applications, and delivers products and services that improve the lives of Texans.

The Texas A&M Transportation Institute (TTI) has a breadth and depth of programs, facilities, and capabilities unsurpassed by any other higher-education-affiliated transportation research organization in the United States. Texas A&M AgriLife Research is the state’s premier research agency in agriculture, natural resources, and the life sciences. The Texas A&M Engineering Experiment Station (TEES) serves the state through engineering and technology-oriented research and educational collaborations.

Combined, their research significantly impacts the health, safety, and quality of life of Texas citizens and contributes to the state’s economic growth and development.

CENTERS AND INSTITUTES

Research centers and institutes play an important role in the academic landscape at Texas A&M, bringing together scholars and scientists—often from different disciplines—to tackle major research challenges. View a complete list at research.tamu.edu

IN THE NATION

NSF HIGHER EDUCATION RESEARCH AND DEVELOPMENT SURVEY

(Based on total research expenditures of $952M for fiscal year 2019 NSF)

Texas A&M’s rare triple designation as a land-, sea-, and space-grant institution reflects the broad scope of its research, which includes ongoing projects funded by prominent and diverse agencies such as NASA, the National Institutes of Health, the National Science Foundation, and the Office of Naval Research. As a member of the prestigious Association of American Universities—one of only sixty-six institutions with this distinction—Texas A&M has branch campuses in Galveston, Texas, and Doha, Qatar. The University maintains formal agreements for research collaborations and faculty–student exchanges with more than 117 institutions in forty countries, plus active research programs on all continents.

CORE FACILITIES

Core facilities in the Division provide researchers and students access to state-of-the-art instrumentation, technologies, and specialized scientific services. These include:

- Global Health Research Complex
- High Performance Research Computing
- Materials Characterization Facility
- Microscopy and Imaging Center
- Texas A&M Institute for Genome Sciences and Society
- Texas A&M Energy Institute
- Texas A&M Institute of Data Science

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FACULTY HONORS

11 Members American Academy of Arts and Sciences
60 Faculty AAAS Fellows
13 Members American Law Institute
8 Members John Simon Guggenheim Memorial Foundation Fellows
28 Members National Academy of Engineering
8 Members National Academy of Inventors
11 Members National Academy of Inventors Senior Fellows
4 Members National Academy of Medicine
7 Members American Academy of Nursing
13 Members National Academy of Sciences
41 Recipients Traditional Fulbright Fellowship
88 Faculty University Distinguished Professors
3 Recipients Wolf Prize

FACULTY NOBEL PRIZES

Dudley R. Herschbach Nobel Prize in Chemistry, 1986
David M. Lee Nobel Prize in Physics, 1996

RESEARCH EXPENDITURES | FY 2020 Dollars in Millions

$1.131B Total

- Computer and Information Sciences $17.4
- Mathematics and Statistics $8.7
- Geosciences, Atmospheric, and Ocean Sciences $107.8
- Physical Sciences $54.1
- Life Sciences $592.3
- Psychology $5.2
- Social Sciences $29.4
- Other Sciences $5.6
- Non-S&E Fields $40.8
- Engineering $359.4

The President’s Excellence Fund, established in October 2017, is a ten-year, $100 million initiative designed to further Texas A&M University’s commitments to the three pillars of advancing transformational learning; enhancing discovery and innovation; and expanding impact on our community, state, nation, and world. $100M over 10 YRS

32 projects | 4 yrs $28M
400 projects | 4 yrs $12M
6 projects | 1 yr $1M

research@Texas A&M — the magazine is an online publication that showcases Texas A&M’s far-ranging research efforts.

research.tamu.edu

Articles, photos, videos, and illustrations about research projects from across the Texas A&M research enterprise—on a single website.

research.tamu.edu/magazine-spring-2021