



Texas A&M University

# RESEARCH IS AT OUR **CORE**

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.

# #20

**IN THE NATION**  
NSF HIGHER EDUCATION  
RESEARCH *and*  
DEVELOPMENT SURVEY

*(Based on total research expenditures of \$922M for fiscal year 2018 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-five 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.

## 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](http://research.tamu.edu)



## CORE FACILITIES

Core facilities at 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

## MARK BARTEAU

*Vice President for Research*

1112 TAMU  
College Station, Texas 77843-1112  
979.845.8585



TEXAS A&M UNIVERSITY

Division of Research

[vpr.tamu.edu](http://vpr.tamu.edu)

## FACULTY HONORS

11 Members	American Academy of Arts and Sciences
58 Faculty	AAAS Fellows
12 Members	American Law Institute
12 Members	John Simon Guggenheim Memorial Foundation Fellows
29 Members	National Academy of Engineering
12 Members	National Academy of Inventors
11 Members	National Academy of Inventors Senior Fellows
5 Members	National Academy of Medicine
6 Members	American Academy of Nursing
14 Members	National Academy of Sciences
40 Recipients	Traditional Fulbright Fellowship
85 Faculty	University Distinguished Professors
3 Recipients	Wolf Prize

## FACULTY NOBEL PRIZES

<b>Dudley R. Herschbach</b>	Nobel Prize in Chemistry, 1986
<b>David M. Lee</b>	Nobel Prize in Physics, 1996



## PRESIDENT'S EXCELLENCE FUND

The President's Excellence Fund, established in October 2017 by President Michael K. Young, 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

**X**-GRANTS

24 projects | 3 yrs  
\$21M

**T3**

300 projects | 3 yrs  
\$9M

**PCRP**

6 projects | 1 yr  
\$1M

## RESEARCH EXPENDITURES | FY 2019 Dollars in Millions

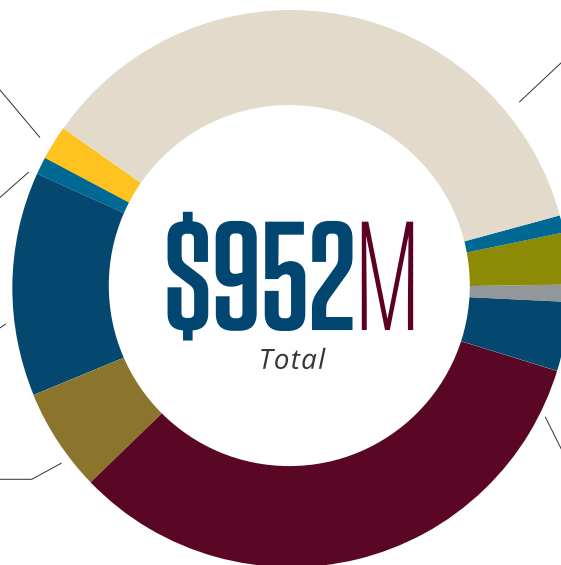
**#3** IN THE NATION  
NATIONAL SCIENCE FOUNDATION (NSF) FUNDING  
(NSF Survey, FY18)

**Computer and Information Sciences**  
\$21.8

**Mathematics and Statistics**  
\$8.7

**Geosciences, Atmospheric, and Ocean Sciences**  
\$113.5

**Physical Sciences**  
\$55.9



**Life Sciences**  
\$351.4

**Psychology**  
\$3.5

**Social Sciences**  
\$30.7

**Other Sciences**  
\$4.5

**Non-S&E Fields**  
\$40.7

**Engineering**  
\$321.3

Produced by Research Communications 8/2020

RESEARCH@TEXAS A&M | [research.tamu.edu](http://research.tamu.edu)

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

