Texas A&M University is a member of the Association of American Universities (AAU) and the Association of Public and Land-Grant Universities (APLU).

- #1 of 62 Association of American University member
- #1 of 17 Land-, Sea-, and Space-Grant Universities

Texas A&M research initiative to improve the quality of teaching & students’ academic achievement. Working with over 140,000 students, more than 10,000 educators, & over 500 school districts in Texas (almost 50% of the state)

**INITIATIVE IMPACTS TO DATE**
- 15 schools rose to the top 25% of all elementary schools in Texas
- 19 schools improved in overall rankings 2 years in a row

**NATIONAL RANKINGS**
(Among all private and public universities)
- #4 IN NATIONAL SCIENCE FOUNDATION (NSF) FUNDING (NSF HERD, 2017)
- #13 IN DEPARTMENT OF ENERGY FUNDING (NSF HERD, 2017)
- #19 BASED ON $905M IN TOTAL FY17 HIGHER EDUCATION RESEARCH & DEVELOPMENT EXPENDITURES (NSF HERD, 2017)

**STATE RANKINGS**
(Among all private and public universities)
- #1 BASED ON $905M IN TOTAL FY17 HIGHER EDUCATION RESEARCH & DEVELOPMENT EXPENDITURES (NSF HERD, 2017)

Conducted over 100 UAV flights during Hurricane Harvey and received NSF funding to enhance robotic response & recovery during disaster events

NIH and NSF-funded researchers found potential solution to fight C. DIFFICILE, the #1 hospital-acquired infection and related cause of death
**Texas A&M University Federal Research Expenditures**

Federal sponsors as a total of federal research expenditures* (FY17)

- **International Ocean Discovery Program (IODP)**: $307M (34.0%)
- **Texas A&M Center for Innovation in Advanced Development and Manufacturing**:
  - Biomedical Advanced Research & Development Authority: $176.6M (19.5%)
  - U.S. Department of Health & Human Services: $10.1M (1.1%)
- **Cyclotron Based Nuclear Science**
  - U.S. Department of Energy: $43.7M (4.8%)
- **Global Hunger and Food Security Research Strategy: Program Area 4. Small Scale Irrigation Technologies & Ag Water Mgmt**
  - U.S. Agency for International Development: $24.8M (2.7%)

**Recent Examples of Federal Research Awards**

- **International Ocean Discovery Program**
  - National Science Foundation: $337M
- **Cyclotron Based Nuclear Science**
  - U.S. Department of Energy: $43.7M
- **Global Hunger and Food Security Research Strategy: Program Area 4. Small Scale Irrigation Technologies & Ag Water Mgmt**
  - U.S. Agency for International Development: $24.8M
- **Institute for Infectious Animal Diseases**
  - U.S. Department of Homeland Security: $12.1M
- **Enhanced Passive Surveillance System**
  - U.S. Department of Homeland Security: $8.6M
- **Continued Development of the Gulf of Mexico Coastal Ocean Observing System**
  - U.S. Department of Commerce, National Oceanic and Atmospheric Administration: $7.7M
- **Structure-Based Discovery of Critical Vulnerabilities of Mycobacteria**
  - National Institutes of Health: $7.6M

**Texas’ Investment in A&M Research**

- **Federal**: $307.6M (34.0%)
- **Inst. Funds**: $264.8M (29.2%)
- **State & Local**: $207.3M (22.9%)
- **Nonprofit**: $57.6M (6.4%)
- **Business**: $39.9M (4.4%)
- **All Other**: $28.1M (3.1%)
- **Total**: $905.4M

*(Total R&D Expenditures by Source for Texas A&M University, NSF HERD, 2017)

**Research Spotlight**

**International Ocean Discovery Program (IODP)**

- Funded by the National Science Foundation

- Expeditions have investigated past ocean conditions, monsoon systems, major extinction events, and causes of earthquakes

- Texas A&M’s largest federal research grant

August 2019