



**EDUCATIONAL  
EXCELLENCE.**

**GROUNDBREAKING  
DISCOVERY.**

**UNPARALLELED  
OPPORTUNITY.**

*The College of Science is home to five departments and many interdisciplinary research units that provide technical and educational expertise to the world and broaden our understanding of the universe.*

**COLLEGE OF SCIENCE**  
<http://www.science.tamu.edu>

3257 TAMU  
College Station, Texas 77843-3257  
PH: 979-845-7361  
FX: 979-845-6077

## NUMBERS AND NOTABLES

### BIOLOGY

- Accounts for two-thirds of the College's undergraduate students
- Faculty include all but one of A&M's Searle Scholars (4)

### CHEMISTRY

- Ranks 8th among public graduate programs and 19th overall (inorganic 5th overall) in the most recent *U.S. News & World Report* (2015)
- Ranks seventh-largest in research and development expenditures among all chemistry departments nationwide

### MATHEMATICS

- 13th nationally among public university departments in research funding
- Ranks 21st overall and 14th among public graduate programs in the most recent National Research Council rankings (T-41st overall, 22nd public in *U.S. News & World Report*).

### PHYSICS

- Home to the internationally recognized Mitchell Institute for Fundamental Physics and Astronomy, which attracts top scholars to A&M
- One of 11 international partners in the Giant Magellan Telescope (GMT), which will produce images 10 times sharper than those of the Hubble and serve as a cornerstone of A&M's astronomy program

### STATISTICS

- Ranks 10th overall in the most recent National Research Council rankings
- Ranks 15th overall and 7th among public graduate programs in statistics and biostatistics (*U.S. News & World Report*) and third nationally in editorial board memberships (*AMSTAT News*)

## BIOLOGY

[www.bio.tamu.edu](http://www.bio.tamu.edu)

The Department of Biology seeks to understand life at its most basic levels and convey that knowledge to prepare the next generation of scientists, physicians, and citizens. We provide fundamental lecture and laboratory courses that introduce biological principles to students across the University. We prepare students for advanced biological study and careers and also play an essential role in enhancing an understanding of the central role of biological systems in the global environment. In addition, our faculty provide external expertise and service on scientific advisory and editorial boards worldwide.

### BIOLOGY FACTS<sup>1</sup>

Tenure-Track Faculty: 42  
Non-Tenure-Track Faculty: 13  
Distinguished Professors: 1  
Graduate Students: 105  
Undergraduate Students: 1,558  
Degrees Awarded: 285 (8 Ph.D., 5 master's, 272 undergraduate)  
Research Funding: \$4.7 million

## CHEMISTRY

[www.chem.tamu.edu](http://www.chem.tamu.edu)

The Department of Chemistry, one of the largest in the nation, is also one of its most prestigious. Our faculty is ranked among the top 10 percent in quality by the National Research Council, and their research expertise is enhanced by a comprehensive array of state-of-the-art instrumentation and facilities. We offer flexible undergraduate degree programs that emphasize laboratory practice and research participation, as well as one of the larger Ph.D. programs in the nation (more than 400 Ph.D.s awarded in the past 10 years) with opportunities for professional development. Our goal is to educate junior scholars to become scientists who can be leaders in chemistry.

## CHEMISTRY FACTS<sup>1</sup>

Tenure-Track Faculty: 44  
Non-Tenure-Track Faculty: 23  
Distinguished Professors: 11  
Graduate Students: 261  
Undergraduate Students: 346  
Degrees Awarded: 99 (40 Ph.D., 6 master's, 53 undergraduate)  
Research Funding: \$14.5 million

## MATHEMATICS

[www.math.tamu.edu](http://www.math.tamu.edu)

At the time Texas A&M was founded in 1876 as the oldest public institution of higher learning in Texas, two of its original six professors were mathematicians. Today the Department of Mathematics continues to perform an equally critical function, maintaining one of the University's highest teaching loads while also executing one of the nation's most impressive and diverse research agendas. We offer three undergraduate degrees with a variety of options as well as traditional and specialized tracks for advanced graduate study. As proven leaders in K-12 educational outreach, technology-mediated instruction, and distance education, we currently offer one of the nation's only 100 percent online master's degrees in mathematics.

## MATHEMATICS FACTS<sup>1</sup>

Tenure-Track Faculty: 80  
Non-Tenure-Track Faculty: 72  
Distinguished Professors: 7  
Graduate Students: 168  
Undergraduate Students: 567  
Degrees Awarded: 118 (13 Ph.D., 20 master's, 85 undergraduate)  
Research Funding: \$6.3 million

## PHYSICS & ASTRONOMY

[www.physics.tamu.edu](http://www.physics.tamu.edu)

The Department of Physics offers firm foundations and flexible degree plans as we open young minds to the frontiers of scientific knowledge in areas such as atomic, condensed matter, high energy, nuclear, and applied physics. Our award-winning faculty includes two Nobel laureates, three National Academy of Sciences members, and 12 distinguished professors as well as many internationally decorated scholars and researchers. While graduate students are much of the impetus behind our outstanding research, most of our undergraduates also participate in research projects.

## PHYSICS FACTS<sup>1</sup>

Tenure-Track Faculty: 63  
Non-Tenure-Track Faculty: 6  
Distinguished Professors: 11  
Graduate Students: 180  
Undergraduate Students: 288  
Degrees Awarded: 49 (22 Ph.D., 14 master's, 13 undergraduate)  
Research Funding: \$11.3 million

## STATISTICS

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

The Department of Statistics seeks to produce statistical methods that benefit all professions while providing first-rate instruction to prepare students for careers in industry, government, and academia. We offer master's and doctoral degrees and, together with the Department of Mathematics, jointly sponsor an undergraduate degree in applied mathematical sciences. In addition, our master's degree in statistics online program is the second-largest in the

## CONTACTS AT A GLANCE

### BIOLOGY

Dr. Thomas McKnight, Head  
(979) 845-7747  
[mcknight@bio.tamu.edu](mailto:mcknight@bio.tamu.edu)

### CHEMISTRY

Dr. François P. Gabbaï, Head  
(979) 845-2011  
[gabbai@chem.tamu.edu](mailto:gabbai@chem.tamu.edu)

### MATHEMATICS

Dr. Emil J. Straube, Head  
(979) 845-9424  
[boguess@math.tamu.edu](mailto:boguess@math.tamu.edu)

### PHYSICS & ASTRONOMY

Dr. George R. Welch, Head  
(979) 845-7717  
[grw@tamu.edu](mailto:grw@tamu.edu)

### STATISTICS

Dr. Valen E. Johnson, Head  
(979) 845-3141  
[vjohnson@stat.tamu.edu](mailto:vjohnson@stat.tamu.edu)

country. Our research programs feature international leaders in a variety of areas, from bioinformatics to statistical modeling. We also boast many of Texas A&M's top experts in distance education and are pioneers in technology-mediated instruction.

## STATISTICS FACTS<sup>1</sup>

Tenure-Track Faculty: 30  
Non-Tenure-Track Faculty: 13  
Distinguished Professors: 3  
Graduate Students: 198  
Degrees Awarded: 59 (15 Ph.D., 44 master's)  
Research Funding: \$3.9 million

## ABOUT THE COLLEGE

The College of Science at Texas A&M University takes great pride in providing the highest quality science education, scholarly research, and technical expertise to the people and industries of Texas and the nation. Through five departments and many interdisciplinary centers and institutes, we advance discovery and solve real-world problems while producing the next generation of scientific leaders and technologies and playing a key role in helping Texas A&M succeed in its mission to become one of the nation's top 10 public institutions by the year 2020.

## QUICK FACTS

- Five departments (Biology, Chemistry, Mathematics, Physics & Astronomy, Statistics)
- 27 degree programs — 16 bachelor's, 4 master's, 7 doctorates
- 2,893 undergraduate majors
- 261 tenured/tenure-track faculty (14% of total)
- \$41.5 million/year in research
- ~44% of A&M distinguished professors
- U.S. leader in minority & female Ph.D.s
- Teach 20% of total A&M semester credit hours

© 2015 Texas A&M University. All rights reserved. This is an official publication of Texas A&M University. It was designed, compiled and edited by College of Science Communications, Texas A&M University. 1516\_CLSC\_Departments; 15-09-28.

<sup>1</sup> 2014. "College of Science Annual Report," Office of the Dean, College of Science, Texas A&M University.