



**THINKING OF
FURTHERING YOUR
EDUCATION AND/
OR CAREER OPTIONS
IN SCIENCE AND
MATHEMATICS?**

Look no further than Texas A&M University's College of Science, which pairs world-renowned faculty and top-tier departments with excellent facilities and unique research experiences to create a diverse and encouraging learning environment where opportunity abounds.

[see back for contacts]

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

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

At Texas A&M, our faculty and students work together to push back the boundaries of knowledge.

Each year, the university's ~2,800 faculty are involved in over 600 initiatives in more than 80 countries, generating a record \$820 million in annual research expenditures.² The College of Science alone is responsible for more than \$41 million³ of that research, including nearly \$6 million in indirect cost return³ that is reinvested in new and continuing projects.

DEGREE PROGRAMS

We offer research opportunities and graduate degrees in the following programs:

- biology, microbiology (Ph.D. only)
- chemistry (Ph.D. only)
- mathematics
- applied physics (Ph.D. only), physics
- statistics

We also offer interdisciplinary graduate training programs in biotechnology, genetics, materials science and engineering, molecular and environmental plant sciences, neuroscience, toxicology, and reproductive biology.

PROSPECTIVE STUDENTS

THE ADMISSIONS PROCESS

To apply for admission to a graduate program in the College of Science, we encourage you to contact specific programs of interest directly. Names and contact information for each program are listed on the back of this page.

Because all admission decisions are made initially by the respective department, any questions concerning admission, fellowships, deadlines, etc., should be directed to departmental graduate advisors or recruiters.

GENERAL APPLICATION REQUIREMENTS

- Completed application form
- Three letters of recommendation
- Statement of Purpose (background, reasons for pursuing study, etc.)
- Official transcripts from all senior-level, post-secondary institutions
- GRE or GMAT scores
- TOEFL or IELTS score (if native language is not English)

COLLEGE OF SCIENCE RESEARCH

DEPARTMENT OF BIOLOGY: behavior, cells and developmental, clocks, ecology and evolution, genetics/genomics, microbiology, molecular biology, neuroscience and physiology, plant science, bioinformatics

DEPARTMENT OF CHEMISTRY: atmospheric, bioanalysis, bioinorganics, catalysis, interfaces, materials, polymers, molecular structures, nuclear, spectroscopy and dynamics, supramolecular, synthesis, theoretical chemistry

DEPARTMENT OF MATHEMATICS: algebra, applied math, approximation theory, combinatorics, differential equations, functional analysis, geometry, topology, number theory, numerical analysis, probability, complex variables

DEPARTMENT OF PHYSICS & ASTRONOMY: applied physics, astronomy, atomic physics, condensed matter physics, high energy physics, nuclear physics, quantum optics, Mitchell Institute for Fundamental Physics & Astronomy, Cyclotron Institute

DEPARTMENT OF STATISTICS: applied statistics, bayesian models, biostatistics, experimental design, multivariate analysis, nonparametric, regression, stochastic/semi-parametric methods, time-series analysis.

FINANCING YOUR EDUCATION

The College of Science fully funds virtually all doctoral graduate students with competitive financial support packages. This support includes stipend, tuition payments and health care benefits, which is associated with employment as graduate research or teaching assistantships.

Taking into account the possibility of paid or waived tuition, benefits and stipends total compensation for a College of Science graduate student can approach \$35,000 per year.

The College of Science also facilitates other avenues for funding graduate education. Texas A&M fellowships for a total of more than \$500,000 are allocated to science graduate students annually. In addition, our students are highly competitive for NIH, NSF and other foundation funded graduate fellowships and awards.

TUITION PAYMENTS

All graduate tuition is paid by the University or via research funds for every graduate student employed as a research or teaching assistant. Some programs provide additional funding for graduate fees. For non-Texas residents, all out-of-state (non-resident) tuition is waived.

ASSISTANTSHIPS AND FELLOWSHIPS

Three types of graduate assistantships (teaching, research, non-teaching) are available through the College and its departments, as well as in University-affiliated agencies and administrative offices. Salaries range from \$17,000

to \$25,000 per year, depending on the department and position.

SCHOLARSHIPS

Eligible graduate students in the College also have access to a variety of subject-specific scholarships funded by friends and donors. These awards range from multi-year scholarships worth thousands of dollars to one-time meritorious achievement awards of \$500-\$1,000. For more on financial aid options, go to <http://www.science.tamu.edu/graduates/aid/>.

RESOURCES AND SERVICES

ADULT, GRADUATE AND OFF-CAMPUS STUDENT SERVICES

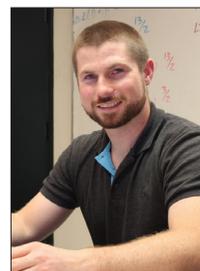
This unit offers programming and support for the increasing population of adult students and graduate students at Texas A&M. For more information on a variety of services, go to <http://studentlife.tamu.edu/agoss/>.

GRADUATE & PROFESSIONAL STUDIES

This University-level unit maintains the official record for all enrolled graduate students and serves as the primary administrative body and graduate education information source. For more, go to <http://ogaps.tamu.edu>.

INTERNATIONAL STUDENT SERVICES

This office assists international students with issues ranging from student status, scholarships, and forms to visas, legal issues, and U.S. taxes. To learn more, visit <http://international.tamu.edu/iss/>.



ANDREW BROWN, PH.D. '15

Department: Chemistry
Research Area: Nanomagnets

"I love being at that cutting edge of science where you're making new strides in an attempt to make a new technology. I'm working on things that have a direct influence on other people's lives, and I realize that's the type of work that I want to pursue."

GRADUATE CONTACTS:

COLLEGE OF SCIENCE

Mark J. Zoran
Associate Dean for Graduate Studies
(979) 458-8001
zoran@mail.bio.tamu.edu

BIOLOGY

Dr. Arne Lekven
(979) 845-7755
graduate@mail.bio.tamu.edu

CHEMISTRY

Dr. Simon North
(979) 845-2011
north@mail.chem.tamu.edu

MATHEMATICS

Dr. Peter Howard
(979) 862-4137
phoward@math.tamu.edu

PHYSICS

Dr. Joseph Ross
(979) 845-7740
jhross@physics.tamu.edu

STATISTICS

Jianhua Huang
(979) 845-3152
jianhua@stat.tamu.edu

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

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¹ 2013. Office of Budget & Planning, Division of Finance, Texas A&M University

² 2014. Division of Research, Texas A&M University.

³ 2014. "College of Science Annual Report," Office of the Dean, College of Science, Texas A&M University.