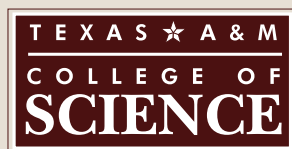


**FOR PUBLIC
UNIVERSITIES IN
TEXAS, PRIVATE
SUPPORT IS THE
ENGINE OF QUALITY.**

*Indeed, state support
(general revenues) today
provides just one-third of
Texas A&M University's
total budget.*

*And Vision 2020 research
shows the best U.S.
universities are currently
receiving twice as much
state funding per student as
Texas A&M.*



<http://www.science.tamu.edu>

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

Graduate Studies

An Overview of Graduate Studies in the College of Science

At Texas A&M, our faculty and students are driven by the spirit of discovery and committed to pushing back the boundaries of knowledge.

In Fiscal Year 2008, the University's 2,600 faculty conducted nearly 4,000 externally sponsored projects, generating a record \$582 million in annual research expenditures.¹ The College of Science alone is responsible for \$42.4 million² of that research, including \$6.1 million in indirect cost return¹ that is re-invested in new and continuing projects.

DEGREE PROGRAMS

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

- biology, botany, microbiology, zoology
- chemistry
- applied mathematical sciences, 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 depart-

ment, 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, bionformatics

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: applied physics, astronomy, atomic physics, condensed matter physics, high energy physics, nuclear physics, quantum optics, Mitchell Institute for Fundamental Physics, 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 offers many different avenues for funding your continued education. **We allocate more than \$400,000 for graduate tuition fellowships annually.**

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 University. Salaries range from \$17,000 to \$25,000 per year, depending on the unit and position. Graduate employees also are eligible for generous insurance benefits. Taking into account the possibility of paid or waived tuition, total compensation for a College of Science graduate student can approach \$35,000 per year.

NEED-BASED ASSISTANCE

Eligible graduate students in the College also have access to several

need-based fellowships/scholarships. We also have many endowed graduate fellowships. For more on financial aid options, go to <http://www.science.tamu.edu/graduates/aid/>.

OFFICE OF GRADUATE 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://ogs.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/>.

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/>.

RESEARCH FACILITIES

The College features vast opportunities and resources to help you excel in your academic and research efforts, including many specialized laboratories dedicated to research and teaching. To learn more about focus areas and specific units, visit <http://www.science.tamu.edu/research/centers/>.



DANIEL TALIN, PH.D. '06

Department: Biology
Research Area: Plant Sciences

"Graduate school has had a tremendous impact on my life because it has given me a direction and a sense of accomplishment I would not have had otherwise. I am lucky to have the opportunity in helping on a project that could potentially benefit thousands of people and the environment."

GRADUATE CONTACTS:

COLLEGE OF SCIENCE

Mark J. Zoran
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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, Statistics)
- 29 degree programs—12 bachelor's, 8 master's, 9 doctorates
- 2,258 undergraduate majors
- 279 tenured/tenure-track faculty (14% of total)
- \$42.4 million/year in research
- ~50% 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 2008. "Profile," Office of the Vice President for Research, Texas A&M University.

² 2008. "College of Science Annual Report," Office of the Dean, College of Science, Texas A&M University.