

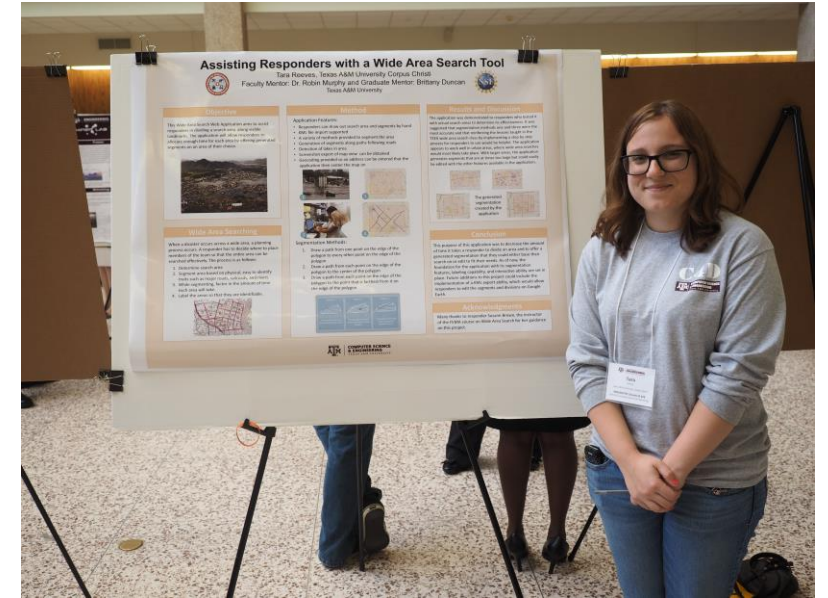


**COMPUTER SCIENCE
& ENGINEERING**
TEXAS A&M UNIVERSITY

**Graduate Programs
Computer Science & Engineering
Texas A&M University**

Overview

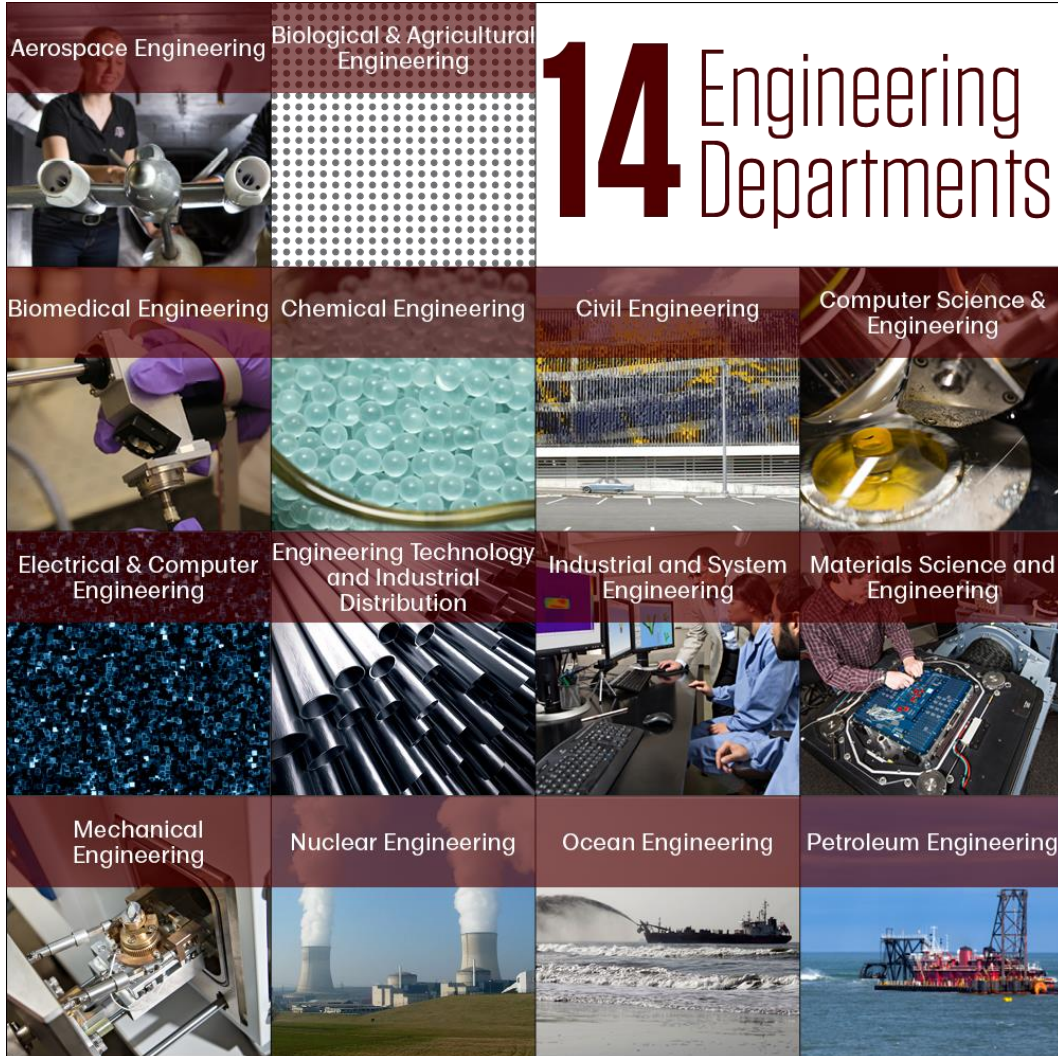
- Master's and Ph.D. programs in Computer Science and Computer Engineering
- Work with 48 tenured/tenure-track faculty



Areas of Study

- Algorithms and Theory
- Artificial Intelligence
- Machine Learning, Natural Language Processing
- Bioinformatics, Computational Biology
- Computational Science
- Computer Architecture
- Computer Vision
- Cyber-Physical Systems
- Databases, Data Mining, Information Retrieval Systems
- Electronic Design Automation and VLSI
- Embedded Systems
- Graphics and Visualization
- Human-Computer Interaction
- Human-Centric Computing
- Networks
- Parallel and Distributed Computing
- Programming Languages, Compilers
- Robotics, Human-Robot Interaction
- Security
- Systems and Systems Software
- Software Engineering

Texas A&M College of Engineering



Largest college at Texas A&M
More than **18,000** students in **14** departments

Nationally Recognized Programs

Graduate Program in public top **10**
Departments Ranked **7**
in Top 10
Research Expenditures **3rd**

SOURCES

Student enrollment includes undergraduate and graduate students from TAMU College Station, Galveston and Qatar campuses, and Engineering Academies
2017 U.S. News & World Report Rankings of Public Universities
American Society for Engineering Education (2016 report)

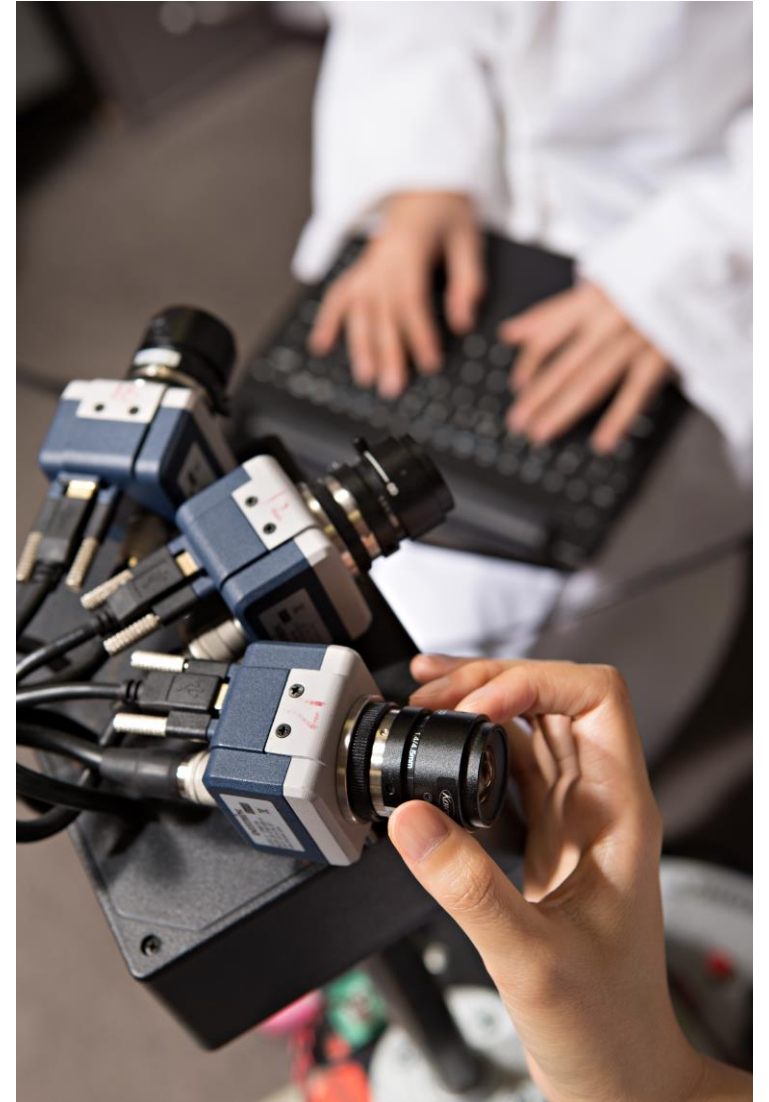
College of Engineering



Aggie network
– a lifelong resource

Why Graduate School?

- Industry is becoming more specialized
- Needed for many jobs in science and engineering
- Impact and Independence
- Required for academic path



What can I expect from graduate school?



- Sharpen your professional skills
- Think independently
- Advance your career as a technology leader
- Higher salary
- Perform cutting-edge research and improve technology



Where our students come from

- Our 300+ graduate students come from all over the world, with more than 50% international students



Where our students go...

- Students are in big demand by employers in the tech and general engineering sector
 - Our top employers are Facebook, Microsoft, Amazon, and Google
 - Most students get internships after first year
- Largest Engineering Career Fair in the USA – held in fall and spring
 - Always sells out with more than 400 companies participating
 - CSE Department has additional career fair with Industrial Affiliates
 - Recruiting for internships & fulltime

How do I start?

- Apply by December 15 for full funding consideration
- 3 reference letters, transcripts, GRE scores, and statement of purpose are required
- Accepted Ph.D. students get a \$2000/month stipend
 - Plus tuition and fees paid for
- Many opportunities for Master's student funding



Invited Graduate Admission (IGA)

- The department invites top senior-undergraduate students from our own programs for admission to our Ph.D. programs.
- Faculty members are invited to nominate or identify senior-undergraduate students graduating by summer.
- No application fees, high chances for scholarships
- Talk to any faculty member or EJ Kim (Ph.D. admission chair) if you are interested in our Ph.D. program. Then, you will get the invitation in October.

Life as a Graduate Student

- Take classes taught by professors on the cutting-edge of their research fields
- For Ph.D. and some Master's, do research with a supervising professor
 - Master's degree takes about two years to complete
 - Ph.D. usually takes four or more years; main focus on research



Life as a Graduate Student

- Many opportunities for social life, networking, and entertainment
 - Bryan/College Station metro area has population over 230,000
 - Student groups:
 - AWICS (Aggie Women in Computer Science)
 - Texas A&M Computing Society (TACS)
 - Texas Aggie Game Developers (TAGD)
 - Upsilon Pi Epsilon Computer Science Honor Society (UPE)
 - Computer Science and Engineering Graduate Student Association (CSEGSA)



Join Us!



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