Impact, Facts and Figures

New technology turns cell phone into mobile microscope

New technology that transforms a cell phone into a powerful, mobile microscope could significantly improve malaria diagnoses and treatment in developing countries that often lack the resources to address the life-threatening disease, says a Texas A&M University biomedical engineer who has created the tool.

Read more at engineering.tamu.edu/dashboard

National Rankings

Source: U.S. News & World Report Rankings (among public institutions)

7th Graduate
8th Undergraduate

Top 20 world leader in engineering by Academic Ranking of World Universities by Shanghai Jiao Tong University 2016

1st in Best Value Graduate Engineering Programs
Source: 2016 ValueColleges.com

1st in Best Value Bachelor’s in Engineering
Source: 2017 Best College Value Rankings

5th in Best Bachelor’s in Engineering by College Choice

Engineering Facilities

2.2 million ft² of engineering learning space
1.1 million ft² additional engineering space in development

The Zachry Engineering Education Complex, opening Summer 2018 will be the largest academic building on campus with 525,000 ft²

Research

$282.8 million in research expenditures (FY 16)

244 US and international patents (since 1994)
Technology commercialization (since 1994)
• 202 License agreements
• 27 start-up companies
3rd in the nation in research expenditures

Engineering Student Enrollment

Source: engineering.tamu.edu/dashboard
Outstanding Students

- More than 100,000 degrees awarded
- 348 National Merit Scholars
- Largest Class of Female Freshman Engineering Students in the Nation
- Largest student-run career fair in the nation with 420 companies
- 1,024 students with global experiences (FY16)
- 564 PhDs in academia (52% in US institutions since 1991)
- 3,050 Scholarships and fellowships awarded, more than $5 million (FY 17)

Number of graduates (COE FY 16)
BS – 1,869  MS – 896  Ph.D – 249

Average years to degree (FY 16)
BS – 4.6 years  MS – 2.3 years  Ph.D – 5.73 years

- 74% of May ’16 BS grads had job/graduate education plans (Texas A&M Career Center)

Diversity (Fall 2016)

<table>
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<tr>
<th></th>
<th>Female</th>
<th>Hispanic</th>
<th>African American</th>
<th>Asian</th>
<th>International</th>
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<tbody>
<tr>
<td>BS</td>
<td>22.1%</td>
<td>22.6%</td>
<td>2.6%</td>
<td>9.5%</td>
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<tr>
<td>Master’s</td>
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<td>6.6%</td>
<td>2.2%</td>
<td>4.3%</td>
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<tr>
<td>PhD</td>
<td>21.8%</td>
<td>4%</td>
<td>1.3%</td>
<td>3.4%</td>
<td>71.9%</td>
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Graduate Remote Learning
84 Courses
1,159 Students

Continuing Education
160 Courses
10,782 Students

Distinguished Faculty

- More than 500 faculty
- 17 National Academy of Engineering members and 2 National Academy of Science members (FY17)
- 20 International Academy Members (FY 17)
- 16 Distinguished Professors
- 100 Young Investigator Awards (NSF CAREER, Air Force, Navy, DARPA and PECASE since 2004)
- 59 Professors of Practice
- 3 Highly cited researchers (2016 by Clarivate Analytics)
- 49 Authored textbooks and book chapters
- 240 Fellows in professional societies
- 6 Research Professorships
- 13 Distinguished Research Professorships
- Occupied Endowed Positions
  - 45 Chairs
  - 72 Professorships
  - 17 Career Development Professorships
  - 21 Faculty Fellows
  - 534 Editorships and editorial board memberships
- 93 National board memberships