



Department of Mechanical Engineering 2017 Fast Facts

Faculty

Based on 2016 statistics from Faculty Activity Report and include:
Tenured/Tenure-Track Faculty, Research Faculty, Lecturers, and Select
Affiliate, and Emeriti Faculty

- 47 Tenured and Tenure-Track Faculty
- 21 Research Faculty, Associates, Assistants,
and Lecturers
- 10 National Academy of Engineering Members
- 49 Professional Society Fellow Memberships
 - 4 PECASE Awardees
 - 16 Early Career Awardees
- 70 Journal and Book Series Editorships and
Associate Editorships
 - 8 Published Books
 - 20 Published Book Chapters
 - 221 Articles in Refereed Journals
- 245 Conference Papers
 - 95 Presentations at Conferences, Symposia

Students

- 1145 Undergraduate Students Enrolled
- 1330|1448 SAT 25/75 Percentile of Entering Freshmen
- 4.439 Average Weighted HS Academic GPA of
Entering Freshmen
 - 27 % of Undergraduates in Honors Programs
- 279 Graduate Students Enrolled
- 341 Bachelor's Degree Awarded
 - 27 Master's Degrees Awarded
 - 26 Doctorate Degrees Awarded

Funding

- \$19.1M Total Research Revenues
- \$29.5M Total Department Expenditures

- Graduate Program ranked 17th in the Nation (8th among public universities) by U.S. News & World Report (2018 Survey)
- Undergraduate program ranked 16th in the nation (9th among public universities) by U.S. News and World Report (2017 Survey)
- Ranked 25th in the world by Academic Ranking by Worldwide Universities (also known as the Shanghai Rankings)
- Undergraduate students have been awarded 3 Goldwater Scholarships, 2 Truman Scholarships, 1 Boren Scholarship, 1 Churchill Scholarship, 1 Udeall Scholarship, 1 Marshall Award, and 2 University Medals in the last 7 years.
- Graduate students have been awarded 4 Fulbright Fellowships, 10 Louis Stokes Bridge Fellowships, 3 National Science Foundation Fellowships in the last 6 years, and 3 NASA fellowships in the last 10 years.



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Research Centers

- Center for Advanced Life Cycle Engineering
- Center for Engineering Concepts Development
- Center for Environmental Energy Engineering
- Center for Risk and Reliability
- Smart Materials and Structures Research Center

Instructional Divisions

Design and Reliability of Systems

- Design • Information Sciences
- Risk and Reliability • Manufacturing

Electronic Products and Systems

- Supply Chain Engineering
- Physics of Failure and Reliability
- System Prognostics and Health Management

Mechanics and Materials

- Solid Mechanics • Materials
- Dynamics and Control • MEMS/NEMS

Thermal, Fluids, and Energy Sciences

- Energy Systems • Fluid Mechanics
- Thermal Sciences • Reacting Flows

Degree Programs

Mechanical Engineering : B.S., M.S., Ph.D.

Reliability Engineering : M.S., Ph.D.

Professional Master of Engineering

For More Information, Contact Us:

2017

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DEPARTMENT OF
MECHANICAL ENGINEERING