



# Department of Mechanical Engineering 2015 Fast Facts

## Faculty

Based on 2014 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
- 14 Research Faculty, Associates, Assistants,  
and Lecturers
- 10 National Academy of Engineers Members
- 58 Professional Society Fellow Memberships
- 4 PECASE Awardees
- 16 Early Career Awardees
- 58 Journal and Book Series Editorships and  
Associate Editorships
- 2 Published Books
- 12 Published Book Chapters
- 221 Articles in Refereed Journals
- 170 Conference Papers
- 95 Presentations at Conferences, Symposia

## Students

- 1135 Undergraduate Students Enrolled
- 1340|1470 SAT 25/27 Percentile of Entering Freshmen
- 4.224 Average Weighted HS Academic GPA of  
Entering Freshmen
- 36 % of Undergraduates in Honors Programs
- 302 Graduate Students Enrolled
- 257 Bachelor's Degree Awarded
- 39 Master's Degrees Awarded
- 34 Doctorate Degrees Awarded

## Funding

- \$17.7M Total Research Revenues
- \$28.0M Total Department Expenditures

- Graduate Program ranked 21st in the Nation (12th among public universities) by U.S. News & World Report (2016 Survey)
- Undergraduate program ranked 19th in the nation (12th among public universities) by U.S. News and World Report (2016 Survey)
- Ranked 31st 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 Churchill Scholarship, 1 Udeall Scholarship, 1 Marshall Award, and 2 University Medals in the last 5 years.
- Graduate students have been awarded 3 Fulbright Fellowships, 10 Louis Stokes Bridge Fellowships, 3 National Science Foundation Fellowships in the last 4 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:**

2015

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DEPARTMENT OF  
MECHANICAL ENGINEERING