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 Engineers 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 25/27 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  
25 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 (11th 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 Udcell 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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2017 Fast Facts

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:
Department of Mechanical Engineering
University of Maryland
College Park, MD 20742
301.405.2410
www.enme.umd.edu