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 Udall 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:

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