

Mechanical Engineering

Faculty Positions Announcement

The Department of Mechanical Engineering, University of Michigan, Ann Arbor, seeks candidates for multiple full-time tenured or tenure-track faculty positions. We will consider all candidates who have strong backgrounds in fundamental disciplines relevant to mechanical engineering. We are also particularly interested in candidates in the following thematic areas:

- (1) **Automotive Engineering:** Experimental research focus including advanced combustion, hybrid/electric powertrains and other vehicle systems that reduce environmental impacts. This position is open to candidates of all ranks, including senior-level appointments.
- (2) **Mechatronics, Biorobotics and Biomechanics for Rehabilitation:** Biomechanical principles, design, and engineering of robotic and assistive devices for rehabilitation of persons recovering from injury, disease, or disability. This position is part of a university-wide interdisciplinary cluster in Rehabilitation Robotics <http://rehabrobotics.umich.edu/>. It is open to candidates of all ranks, including senior-level appointments.
- (3) **Energy:** This is a DTE Energy Endowed Chair position. We are seeking senior candidates with an exceptionally strong technical record in energy-related research and who can provide leadership and perspectives on technology and policy issues relevant to energy.

More information about the Department can be found at: <http://me.engin.umich.edu/>.

Applicants should have an earned Ph.D. in mechanical engineering or a related field. We seek candidates who will provide inspiration and leadership in research and will contribute proactively to teaching and to the diversity of the academic community. For best consideration, candidates are encouraged to apply **now** and certainly before **January 5, 2012** as applications will be reviewed **immediately** upon receipt.

All applicants should submit, in PDF format (1) a detailed resume, (2) a statement of research and teaching interests, (3) up to three representative publications, and (4) the names and contact information of at least three referees. Applications must be submitted electronically at <https://me-web2.engin.umich.edu/fsv2/candidate/>.

The College of Engineering is especially interested in qualified candidates who can contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community. Underrepresented minorities and women are strongly encouraged to apply. The University of Michigan is a non-discriminatory / affirmative action employer and is responsive to the needs of dual career families.

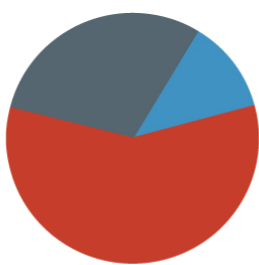
A Quick Look

Department of Mechanical Engineering University of Michigan

<http://www.me.engin.umich.edu/>

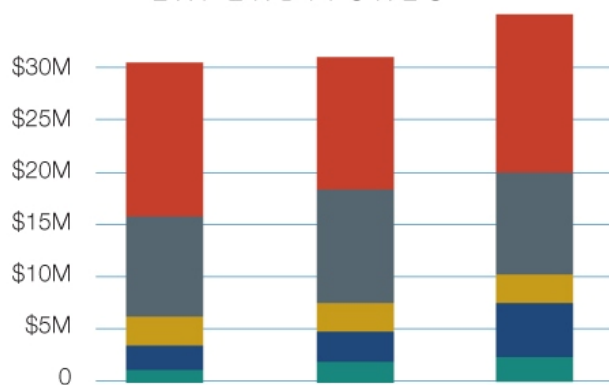
62 tenured and tenure-track faculty, over 500 undergraduate students and 430 graduate students (over 250 Ph.D. students).

ME DEGREES CONFERRED 2009-2010



BSE 242
MSE 105
PhD 39

ANNUAL RESEARCH EXPENDITURES



| | 08-09 | 09-10 | 10-11 |
|--------------|---------------------|---------------------|---------------------|
| NIH | 1,403,643 | 1,996,237 | 2,168,238 |
| DoE | 1,773,858 | 2,390,860 | 5,407,039 |
| NSF | 2,460,177 | 2,701,330 | 3,104,779 |
| DoD | 10,195,017 | 10,992,316 | 9,796,979 |
| All Other | 14,608,221 | 13,792,756 | 14,092,339 |
| Total | \$30,440,916 | \$31,873,498 | \$34,569,374 |

FACULTY PROFILE AY 2010-11

5

of Current NAE Members
(Includes primary and joint ME appointments)

63

of Society Fellows

4

of NSF PECASE
or PFF Awards

28

of NSF CAREER
or PYI Awards

5

of Current Journal
Chief Editors

68

of Current Journal
Editorial Board or Associate
Editor Appointments

TENURED AND TENURE-TRACK FACULTY TRENDS

