

# ME-EM

## Faculty Position in Hybrid Electric Vehicles

Michigan Technological University's Department of Mechanical Engineering-Engineering Mechanics (ME-EM) invites applications for a tenure-track faculty position at the Assistant Professor level. Outstanding applications with experience at the Associate Professor and Professor levels will also be considered. Applicants for the position must have earned doctorates in Mechanical Engineering, or a closely related field that contributes to the strategic initiatives of the department.

### World-Class Research & Outstanding Colleagues

ME-EM seeks to attract exceptional candidates whose interests and capabilities align with recent initiatives in energy, specifically those with a research thrust in hybrid vehicle technologies such as powertrain systems and their components. This faculty position leverages existing and expanding facilities and a multidisciplinary undergraduate and graduate program ([www.doe.mtu.edu/hybrid\\_vehicle\\_engineering](http://www.doe.mtu.edu/hybrid_vehicle_engineering)). Available facilities include vehicle and powertrain component laboratories along with a mobile HEV lab for education and research. Successful candidates are expected to create and sustain an active research program, advise graduate students and develop and teach courses at the undergraduate and graduate levels. Michigan Tech is a state institution dedicated to both teaching and research, with an excellent reputation in engineering education and research.

For 2011, the U.S. News & World Report ranked the ME-EM Department's Graduate Program 48th among doctoral-granting mechanical engineering departments in the US. For 2008 the Undergraduate Program was ranked 22nd among doctoral-granting mechanical engineering departments in the US. In the NSF Research Expenditure rankings for FY2008, the ME-EM Department ranked 18th among all ME departments in the U.S. at \$12.695 million. The Spring 2011 graduate student enrollment was 267, of which 103 are PhD students.

The ME-EM Department and Michigan Tech encourage minority and female applicants. Michigan Tech is an ADVANCE institution, one of a limited number of universities in receipt of NSF funds in support of our commitment to increase diversity and the participation and advancement of women in STEM. Michigan Tech has a Dual Career Assistance Program (DCAP), which facilitates the hiring of partners. The website for our DCAP is [www.dual.mtu.edu](http://www.dual.mtu.edu). Lake Superior is just a few miles from campus and the surrounding area is perfect for four seasons of outdoor activities.

For full consideration, applications should be received by November 1, 2011; however, applications will be considered until the position is filled. Applicants should submit a vita, teaching and research interest statement, names and contact information of three references, experience with diversity issues, diverse students, working in multicultural environments, and copies of three publications to: William W. Predebon, Chair, Department of ME-EM, Michigan Technological University, 1400 Townsend Drive, Houghton, MI 49931-1295 ([www.me.mtu.edu](http://www.me.mtu.edu)). Only complete application packages are guaranteed full consideration. Michigan Technological University is an Equal Opportunity Educational Institution/Equal Opportunity Employer.

In addition to the present search, a search to fill ten growth positions in "Transportation" and "Water" are under way and qualified candidates are encouraged to send a separate application, following the "How to Apply" guidelines at [www.mtu.edu/sfhi](http://www.mtu.edu/sfhi).

For more information on the ME-EM Department, visit [www.me.mtu.edu](http://www.me.mtu.edu)



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