

Endowed Chair in Renewable Energy

The Department of Mechanical and Industrial Engineering (MIE) at the **University of Massachusetts Amherst** invites applications for an Endowed Chair in Renewable Energy. All areas of specialization will be given serious consideration. Applicants with research experience in fields relevant to wind energy are especially encouraged as are applicants with research experience in solar energy or energy storage technologies. The Department is home to two nationally and internationally recognized centers of excellence upon which an Endowed Chair could draw for resources and to which an Endowed Chair could contribute and provide essential leadership. These include the Wind Energy Center and the Center for Energy Efficiency and Renewable Energy. The Department is also the home to a prestigious National Science Foundation funded Integrative Graduate Education and Research Traineeship (IGERT) program in the area of offshore wind energy.

The position is open to individuals with qualifications that allow them to be appointed at the rank of associate or full professor. Faculty members are expected to teach both undergraduate and graduate courses, supervise graduate students and postdoctoral fellows, contribute significantly to the advance of basic science and engineering as evidenced by scholarly publications, and sustain a nationally recognized program of sponsored research. In addition, where appropriate, the Endowed Chair will participate in the development of new graduate programs within the College of Engineering.

The Department of Mechanical and Industrial Engineering has 28 full-time faculty members, over 130 graduate students, and over 740 undergraduates. Research expenditures exceeded \$4.7M in the last fiscal year. A number of programs, institutes and centers provide outstanding opportunities for collaboration, including the above-mentioned offshore wind energy IGERT, the Wind Energy Center, and the Center for Energy Efficiency and Renewable Energy as well as the NSF Center for e-Design, also in the department, along with the Center on Polymer-Based Materials for Harvesting Solar Energy, the NSF Center for Hierarchical Manufacturing, and the Institute for Massachusetts Biofuels Research.

The University of Massachusetts is situated 90 miles west of Boston in the vicinity of four liberal arts colleges offering exceptional and diverse cultural and recreational opportunities. The Commonwealth itself is ranked number two in the nation in clean tech leadership, providing additional opportunities for outreach and collaboration.

Applicants must have a PhD in mechanical engineering or a closely related field. Candidates should provide the following in their application package: 1) Statement of interest, including teaching and research qualifications, description of research and teaching goals, and a discussion of how the candidate's experience would add to existing departmental and university strengths; 2) Current curriculum vitae; 3) Representative recent original research articles; and 4) Full contact

information for at least four references. Review of applications will begin on October 22, 2014 and continue until a suitable candidate is identified.

Please apply online at:

<http://umass.interviewexchange.com/jobofferdetails.jsp?JOBID=53619>

The university is committed to active recruitment of a diverse faculty and student body. The University of Massachusetts Amherst is an Affirmative Action/Equal Opportunity Employer of women, minorities, protected veterans, and individuals with disabilities and encourages applications from these and other protected group members. Because broad diversity is essential to an inclusive climate and critical to the University's goals of achieving excellence in all areas, we will holistically assess the many qualifications of each applicant and favorably consider an individual's record working with students and colleagues with broadly diverse perspectives, experiences, and backgrounds in educational, research or other work activities. We will also favorably consider experience overcoming or helping others overcome barriers to an academic degree and career.

The University of Massachusetts is an Affirmative Action/Equal Opportunity Employer.

The Department, College, and University have a strong commitment to diversity.

Women and Members of Minority Groups are encouraged to Apply.

(Revised October 9, 2014)