

POSITION ANNOUNCEMENT
FOCUS: Manufacturing

POSITION: The Department of Mechanical and Industrial Engineering (MIE) at the University of Massachusetts Amherst invites applications for a tenure-track faculty position **at the Assistant Professor level** in the area of additive manufacturing.

STARTING DATE: September 1, 2017

REQUIREMENTS AND QUALIFICATIONS: Candidates must have an earned doctorate in Mechanical Engineering, Manufacturing Engineering, Materials Engineering, or related field at the time of appointment. Applicants specializing in areas relevant to biomedical applications and/or energy are especially encouraged.

RESPONSIBILITIES: The candidate is 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; develop a nationally recognized program of sponsored research; and have an understanding of diversity issues and their educational importance.

Department, School, Institute, University and Community: The Department of Mechanical and Industrial Engineering has 33 full-time faculty members, over 140 graduate students, and over 790 undergraduates. Research expenditures exceeded \$4.7M in the last fiscal year. The Department has a long history of successful interdisciplinary research, including the Center for e-Design, Cold Spray Research Group, Wind Energy Center, Center for Energy Efficiency and Renewable Energy, and Arbella Insurance Human Performance Lab. The emerging advanced manufacturing thrust area involves interdisciplinary collaborations between faculty in the Department and faculty in other Departments in the College and around the University, including the Center for Personalized Health Monitoring (CPHM) with the UMass Amherst Institute for Applied Life Sciences (IALS). IALS was recently capitalized with \$95 million in investments from the Massachusetts Life Sciences Center and is home to ADDFab (Advanced Design and Fabrication) and the Roll-to-Roll Fabrication and Processing Facility.

The University of Massachusetts Amherst (<http://www.umass.edu>), the flagship campus of the University of Massachusetts system, is a nationally ranked public research university and home to over 22,000 undergraduate and 6,000 graduate students. The 1,430 acre campus is located in the scenic Pioneer valley of western Massachusetts, 90 miles from Boston and 175 miles from New York City. UMass Amherst, along with Amherst, Hampshire, Mount Holyoke and Smith colleges, is a member of the Five College Consortium and the Academic Career network. The region boasts a rural setting with easy access to Boston, Hartford, and New York City. Amherst is nestled between the Berkshire Mountains, Holyoke Range and Pelham Hills providing many recreational opportunities.

APPLICATION PROCESS: The search committee will begin reviewing applications on November 15, 2016. The search will continue until the position is filled. Candidates should provide the following in their

application package: 1) Current curriculum vitae; 2) Research plans; 3) Statement of teaching interests; 4) Representative recent original research articles; and 5) Full contact information for at least four references.

These materials should be submitted to:

<http://umass.interviewexchange.com/jobofferdetails.jsp?JOBID=76373>

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.