

Tenure-Track Assistant Professor - Industrial Engineering
University of Massachusetts, Lowell

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Posted Nov. 8, 2023, set to expire Nov. 15, 2024

Job Title	Tenure-Track Assistant Professor - Industrial Engineering
Department	Mechanical Engineering
Institution	University of Massachusetts, Lowell Lowell, Massachusetts
Date Posted	Nov. 8, 2023
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Industrial & Systems Engineering
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Job Description

The Francis College of Engineering at the University of Massachusetts Lowell is searching for outstanding candidates for one full-time tenure-track Assistant Professor position in Industrial Engineering. For this tenure-track position, we seek candidates with expertise in topics including but not limited to (a) healthcare delivery systems; (b) advanced manufacturing, automation, and material handling; (c) applied machine learning and data analytics for manufacturing, logistics, and business decisions; and (d) other advanced topics relevant to industrial engineering. **The appointment is scheduled to begin September 2024.**

The new faculty will have opportunities to collaborate in research and teaching with faculty across our six engineering departments. We value excellence and innovation in curriculum design and courses

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that promote experiential learning and professional skills for our students.

The Francis College of Engineering includes 120 faculty members, 30% of whom are women, and has just under 3,000 undergraduate and over 1,000 graduate students. The University serves the multicultural population of the Commonwealth and has been nationally recognized for its commitment to diversity by the American Society for Engineering Education and is also a Minority Serving Institution (MSI). UMass Lowell is a Carnegie Doctoral High Research (RU/H) university ranked in the top tier of US News' National Universities. The College has bachelor's, master's, and doctoral degree programs in all departments.

The University of Massachusetts Lowell campus is situated on the banks of the Merrimack River, a beautiful and culturally diverse area, and birthplace of America's industrial revolution. Cotton mills in Lowell, the only city to be awarded national park status by the U.S. National Park Service, opened in 1814 and the city has been a hub of invention and innovation ever since. UML continues that legacy of innovation throughout the campus. Its location 30 miles northwest of Boston offers unsurpassed enrichment of every type, including fine arts, dining, historical sites, and of course, sports! Just north of Lowell, the grandeur of New Hampshire's White Mountains unfolds not far from the storied ski lodges of Vermont.

The University of Massachusetts Lowell is committed to increasing diversity in its faculty, staff, and student populations, as well as in curriculum and support programs, while promoting an inclusive and nurturing environment. We seek candidates who can contribute to this goal and encourage candidates to apply and to identify their strengths in these areas. All applicants must submit a diversity statement (see below).

Minimum Qualifications (Required):

- Applicants must have earned a doctoral degree in Industrial Engineering, or a closely related discipline

Additional Considerations:

- Commitment to develop and sustain a robust externally funded research program
- Dedication to teach undergraduate and graduate levels in Industrial and Mechanical Engineering
- The ability to work effectively with diverse groups
- Candidates with experience in engineering education and the design of effective and inclusive pedagogical approaches will be given strong consideration

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Preferred Qualifications:

- Record of successful teaching experience at the college level.
- Demonstrated excellence in research and publication
- Postdoctoral research and previous experience working with industry

Special Instructions to Applicants:

Applications received by **December 22, 2023**, will be considered in the first review of candidates. However, later applications may be considered for this position. The position may close when an adequate number of qualified applications is received.

Please include the following required documents with your application:

- Curriculum Vitae
- Cover Letter
- Research Statement
- Teaching Statement/Philosophy
- Publications in peer-reviewed journals (three significant, relevant publications). Please upload publications into one file.
- Diversity Statement: In this statement, please describe how you can support UMass Lowell's commitment to diversity, equity, inclusion, justice, and belonging. Describe how your teaching, service, research, and/or leadership (as applicable) has supported the success of students and/or colleagues, and/or describe the impact others have had on you as relating to DEI and your plans for supporting DEI.
- Names and contact information of three references will be required during the application process.

EEO/AA Policy

The University of Massachusetts Lowell is an Equal Opportunity/Affirmative Action, Title IX employer. All qualified applicants will receive consideration for employment without regard to race, sex, color, religion, national origin, ancestry, age over 40, protected veteran status, disability, sexual orientation, gender identity/expression, marital status, or other protected class.

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Contact Information

Please reference Academickeys in your cover letter when
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Contact

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