

Tenure-Track Assistant Professor in Civil & Environmental
Engineering
University of Massachusetts, Lowell

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

Job Title	Tenure-Track Assistant Professor in Civil & Environmental Engineering
Department	Civil & Environmental Engineering
Institution	University of Massachusetts, Lowell Lowell, Massachusetts
Date Posted	Nov. 15, 2023
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Ecological and Environmental Civil Engineering
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Job Description

The Francis College of Engineering at the University of Massachusetts Lowell (UMass Lowell) is seeking to hire a full-time tenure-track Assistant Professor in Civil and Environmental Engineering with expertise in Geotechnical Engineering, beginning in the **2024-2025 academic year**. The college 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

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College has bachelor's, master's, and doctoral degree programs in all departments.

The 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. UMass Lowell 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 rugged shoreline of Maine and the storied ski lodges of Vermont.

The new faculty will have opportunities to collaborate in research and teaching with faculty across our six engineering departments as well as other colleges. We value excellence and innovation in curriculum design and courses that promote experiential learning and professional skills for our students.

Minimum Qualifications (Required):

- Applicants must have earned a doctoral degree in Civil Engineering with a Geotechnical focus

For this tenure-track position in Civil and Environmental Engineering, we are looking for candidates with expertise in Geotechnical Engineering, including research interests but not limited to the following areas:

- Energy geotechnics (geothermal, energy piles, carbon sequestration etc.)
- Deep foundations
- Innovative foundations for onshore and offshore wind turbines
- Trenchless technologies
- Sustainable and resilient geo-infrastructure

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

Additional Considerations:

- Commitment to develop and sustain a robust externally funded research program

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- Dedication to teaching at the undergraduate and graduate levels in Geotechnical Engineering
- Registration as a Professional Engineer in Civil Engineering (or the ability to become registered) is expected
- The ability to work effectively with diverse groups
- Candidates with experience in engineering education and design of effective and inclusive pedagogical approaches will be given strong consideration

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.

Special Instructions to Applicants:

Applications received by **January 15, 2024** will be considered in the first review of candidates. However, later applications may be considered for this position. The search will close after 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
- Diversity Statement: In this statement, please describe how you can support UMass Lowell's commitment to diversity, equity, inclusion (DEI), 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 future plans for supporting DEI.
- Publications in peer-reviewed journals (three significant, relevant publications). Please upload publications into one file.
- Names and contact information of three professional references will be required during the application process.

EEO/AA Policy



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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.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact