

Tenure-Track Assistant Professor
University of Nebraska, Lincoln

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Posted Nov. 7, 2025, set to expire Mar. 22, 2026

Job Title	Tenure-Track Assistant Professor
Department	Mechanical & Materials Engineering http://engineering.unl.edu/mme
Institution	University of Nebraska, Lincoln Lincoln, Nebraska
Date Posted	Nov. 7, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Engineering - Other Mechanical Engineering Engineering Mechanics
Job Website	http://go.unl.edu/unljobs

Apply By Email

Job Description

The Department of Mechanical & Materials Engineering (engineering.unl.edu/mme) at the University of Nebraska-Lincoln (UNL) invites applications for a tenure-track faculty position at the Assistant Professor level. Successful candidates are expected to develop a world-renowned research program in the general areas of dynamics, vibrations, and acoustics (broadly construed) with an emphasis on mechanical metamaterials and metastructures. A research program that leverages AI/ML in a principled way, and/or involves autonomous ("self-driving") labs for design, discovery, and characterization will be considered a significant strength. We seek innovative and inspirational scholars with a commitment to excellence in teaching, research, service, and engagement.

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The Department of Mechanical & Materials Engineering (MME) consists of approximately 29 tenured/tenure-track faculty, more than 800 undergraduate students, and 120 graduate students. Recent investments in the College of Engineering include a new ~\$80M research building and a new \$120M teaching and learning building. The University of Nebraska-Lincoln supports an outstanding system of central facilities housing state-of-the-art instrumentation and computation capabilities within the Nebraska Center for Materials and Nanoscience (ncmn.unl.edu), the Nebraska Nanoengineering Research Core Facility (nercf.unl.edu), and the Holland Computing Center (hcc.unl.edu). Opportunities for collaborations across the University of Nebraska include the University of Nebraska Medical Center, the Nebraska Center for Energy Sciences Research, the National Strategic Research Institute (NSRI), the Nebraska Center for Materials and Nanoscience, the Center for Electro-Optics and Functionalized Surfaces, the Center for Brain, Biology, and Behavior, the Nebraska Athletic Performance Laboratory, the Midwest Roadside Safety Facility, Innovation Campus, and other state- and federally-funded research centers and programs.

Applicants are expected to have a Ph.D. or equivalent in mechanical engineering or a closely related field. Applicants should have a record of strong scholarly achievement and a demonstrated commitment to excellence in undergraduate and graduate education, with the expertise to contribute to mechanical engineering undergraduate and graduate degree programs. Candidates must have the potential to establish a strong externally funded research program in dynamics, vibrations and/or acoustics, with an emphasis on mechanical metamaterials and metastructures. Principled integration of AI/ML into the research program will be viewed favorably.

Review of applicants will begin January 15, 2026, with rolling reviews until the position has been filled. Applications must be submitted online at go.unl.edu/unljobs, keyword 1679. Click "Apply Now" and login or create an applicant profile. Upload the following required documents: a cover letter; a curriculum vitae; a research statement; a teaching statement; a statement of how your combined professional and academic experiences have equipped you to make a valuable contribution to the COE Complete Engineer® Program (engineering.unl.edu/complete-engineer); and a list of three to five references with full names and contact information.

EEO/AA Policy

The University of Nebraska does not discriminate based on race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran

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status, marital status, and/or political affiliation in its programs, activities, or employment. See <https://equity.unl.edu/notice-nondiscrimination/>.

Contact Information

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

Contact

Mechanical & Materials Engineering
University of Nebraska, Lincoln
Lincoln, NE