

Tenure-Track Assistant Professor in Robotics
University of Nebraska, Lincoln

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Posted Oct. 16, 2024, set to expire Feb. 17, 2025

Job Title	Tenure-Track Assistant Professor in Robotics
Department	Mechanical & Materials Engineering http://mme.unl.edu
Institution	University of Nebraska, Lincoln Lincoln, Nebraska
Date Posted	Oct. 16, 2024
Application Deadline	Dec. 15, 2024
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Mechanical Engineering Engineering - Other Robotics
Job Website	https://employment.unl.edu
Apply By Email	
Job Description	

The Department of Mechanical & Materials Engineering (<http://mme.unl.edu>) at the University of Nebraska-Lincoln (UNL) invites applications for a tenure-track faculty position at the rank of Assistant Professor. The department is particularly interested in candidates whose research focuses on the **design, modeling, dynamics, and control of robotic systems**. Research thrusts may include, but are not limited to, human-robot interaction, mechanism design, soft robotics, micro-robotics, prosthetics, medical robotic systems, nonlinear dynamics/control, and other emerging areas related to robotics and autonomous systems. The successful candidate is expected to develop an externally

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funded research program in these emerging areas and demonstrate a commitment to excellence in teaching in both the undergraduate and graduate academic programs within the department, including a new robotics major.

The Department of Mechanical & Materials Engineering consists of approximately 32 tenured/tenure-track faculty, over 700 undergraduate students, and 150 graduate students. Recent investments in the College of Engineering include a new \$80M research building and a new \$120M teaching and learning building. UNL supports an outstanding system of central facilities housing state-of-the-art instrumentation and computation capabilities within the Holland Computing Center (<https://hcc.unl.edu/>), the Nebraska Center for Materials and Nanoscience (<https://ncmn.unl.edu/>), and the Nebraska Nanoengineering Core Research Facility (<https://engineering.unl.edu/nercf/>). 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 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 must have a Ph.D. or equivalent in mechanical engineering or a closely related field. Applicants are expected to have a record of strong scholarly achievement, a demonstrated commitment to excellence in undergraduate and graduate education, and the potential to establish a strong externally funded research program.

Applicants should apply by the priority deadline of December 15, 2024 for full consideration. Applications can be submitted until the position is filled. Applications must be submitted via <https://employment.unl.edu>, requisition **F_240152**. Click “Apply for this Job” and complete the information form. Applicants will be required to attach a cover letter; a CV; a research statement; a teaching statement; a statement of how their combined professional and academic experiences have equipped them to make a valuable contribution to Inclusive Excellence, a fundamental aspect of the COE Complete Engineer® Program (<https://engineering.unl.edu/complete-engineer/>); and a list of three to five references with full names and contact information. The statements will need to be combined into a single document for upload.

EEO/AA Policy

As an EO/AA employer, the University of Nebraska considers qualified applicants for employment

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without regard to race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation. See <https://www.unl.edu/equity/notice-nondiscrimination>.

Contact Information

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

Contact Cathy Norquest
Mechanical & Materials Engineering
University of Nebraska, Lincoln
Lincoln, NE