Tenure-Track Assistant Professor in Thermal Sciences
University of Nebraska, Lincoln

Job Title	Tenure-Track Assistant Professor in Thermal Sciences
Department	Mechanical & Materials Engineering http://engineering.unl.edu/mme
Institution	University of Nebraska, Lincoln Lincoln, Nebraska
Date Posted	Oct. 7, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Engineering - Other Engineering Mechanics Mechanical Engineering
Job Website	https://employment.unl.edu
Apply By Email	

Job Description

The Department of Mechanical & Materials Engineering at the University of Nebraska-Lincoln (http://engineering.unl.edu/mme) invites applications for a tenure-track faculty position at the Assistant Professor level in thermal sciences and energy conversion. Successful candidates are expected to develop a world-renowned research program in emerging areas, such as micro/nanoscale and multiscale thermal transport, two-phase flow, thermal management, energy conversion and storage, thermal issues in additive manufacturing, or other areas that contribute to the fundamental understanding and applications of thermal transport. Usage of AI/machine learning in the above emerging areas is considered a strength. We seek innovative and inspirational scholars with a

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commitment to excellence in teaching, research, service and engagement.

The Department of Mechanical & Materials Engineering consists of approximately 32 tenure/tenure-track faculty, >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. 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 (engineering.unl.edu/nercf), 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. Candidates must have the potential to establish a strong externally funded research program.

For full consideration, applicants should apply by the priority deadline of November 30, 2024. Applications can be submitted until the position is filled. Applications must be submitted online at **https://employment.unl.edu**, requisition F_240148. Click “Apply for this Job” and complete the faculty 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 without regard to race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender

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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
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Lincoln, NE