

The Department of Mechanical & Materials Engineering at the University of Nebraska-Lincoln (<http://mme.unl.edu>) invites applications for two tenure-track faculty positions at the Assistant Professor level in the areas of (1) dynamics, systems, and design, or (2) thermal/fluids sciences and energy conversion. Successful candidates are expected to develop an externally funded research program in emerging areas which may include: robotics and automation, micro/nanoscale thermal/fluids, optimal design, additive manufacturing, and micro/nanotechnology device development. The successful candidates will contribute to the undergraduate and graduate academic programs within the department and demonstrate a commitment to excellence in both teaching and research.

The Department of Mechanical & Materials Engineering consists of approximately 30 tenure/tenure-track faculty, 700 undergraduate students, and 150 graduate students. An outstanding infrastructure exists for conducting research, including central facilities housing state-of-the-art instrumentation within the Nebraska Center for Materials and Nanoscience, the Nebraska Nanoengineering Research Facility, and the Holland Computing Center. Opportunities for collaborations across the University of Nebraska include the University of Nebraska Medical Center, the Nebraska Center for Energy Sciences Research, the Nebraska Center for Materials and Nanoscience, the Center for Nanohybrid Functional Materials, 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.

Applications must be submitted via <http://employment.unl.edu> (requisition #F_170093). Complete applications will include a cover letter, CV, research and teaching statements, and a list of three references. Review of application materials will begin December 15, 2017 and continue until the position is filled.

The University of Nebraska-Lincoln is committed to a pluralistic campus community through affirmative action, equal opportunity, work-life balance, and dual careers. See <http://www.unl.edu/equity/notice-nondiscrimination>