



## **Assistant Professor in Geotechnical and Materials Engineering**

The University of Nebraska-Lincoln (UNL) Department of Civil and Environmental Engineering invites applications for a tenure-track Assistant Professor position in Geotechnical and Civil Engineering Materials. Candidates applying for this position are expected to have a strong commitment to teaching excellence at the undergraduate and graduate levels, and a demonstrable research capability that will enable them to develop an externally funded, independent research program and publish in leading scholarly journals. The successful candidate should be prepared to collaborate with colleagues, develop new research initiatives, and participate in ongoing research projects.

The Department of Civil and Environmental Engineering consists of 36 faculty members, 435 undergraduate students, and 107 graduate students with an ABET/EAC accredited undergraduate degree in civil engineering, a B.S. in environmental engineering and advanced programs leading to M.S. and Ph.D. degrees on the Omaha and Lincoln campuses. Additional information about the Department and College of Engineering (COE) can be found at <http://cee.unl.edu> and <http://engineering.unl.edu>. This faculty position is available in August 2025.

The Department of Civil and Environmental Engineering plays a key role in advancing the COE's ambitious research goals, supported by cutting-edge facilities, including an \$80M research building and a \$115M engineering education building. The department contributes to the college's record enrollment of 3,722 undergraduates, a 9.1% increase from Fall 2023. COE is dedicated to delivering a world-class engineering education, featured by its unique Complete Engineer® Program. Additionally, the UNL COE was one of the first three institutions in the nation to receive the ASEE Diversity Recognition Program Silver Award. The college boasts over 250 faculty, serving programs on the City Campus and East Campus in Lincoln and the Scott Campus in Omaha. We are expecting the successful candidate to help shape the future our college and department during a period of exciting growth and change.

This position offers a tremendous interdisciplinary and cross-disciplinary opportunity to collaborate. Outstanding infrastructure exists for conducting research, including central facilities housing state-of-the-art equipment and instrumentation within the Nebraska Transportation Center, the Mid-America Transportation Center (Region VII University Transportation Center), the Midwest Roadside Safety Facility, 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 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; Innovation Campus; and other state and federally funded research centers and programs.

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 identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation. See <https://www.unl.edu/equity/notice-nondiscrimination>.

### *Minimum Required Qualifications*

Bachelor's degree in civil engineering or a closely related field.

Ph.D. in civil engineering or a closely related field prior to the start date of the appointment.

Expertise in civil engineering materials and geotechnical engineering.

### *Preferred Qualifications*

B.S. and/or Ph.D. in Civil Engineering.

Strong record of scholarly achievement in civil engineering materials and/or geotechnical engineering.

Expertise that aligns with emerging areas such as sustainable and resilient infrastructure materials, geomaterials behavior and stabilization, innovative geotechnical systems, pavement, and applications of life-cycle cost and environmental analysis of infrastructural systems at various scales.

A proposed research agenda that will complement and enhance existing strengths within the department and university.

Relevant academic or industrial experience, a proven track record of successful grant applications and funding acquisition, and/or demonstrating outstanding potential for scholarly success.

Ability to teach geotechnical engineering and materials courses.

Ability to contribute to our department's mission of advancing civil and environmental engineering knowledge and practices while addressing contemporary challenges in infrastructure and environmental sustainability.

Link to position posting: <https://employment.unl.edu/postings/93978>

For questions about this position, please contact Dr. Jiong Hu, search committee chair, at [jhu5@unl.edu](mailto:jhu5@unl.edu)