

Assistant, Associate or Full Professor, Geotechnical
Engineering
University at Buffalo, The State University of New York

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Posted Mar. 4, 2024, set to expire Aug. 4, 2024

Job Title	Assistant, Associate or Full Professor, Geotechnical Engineering
Department	Civil, Structural & Environmental Engineering
Institution	University at Buffalo, The State University of New York Buffalo, New York
Date Posted	Mar. 4, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Structural Engineering Geotechnical Civil Engineering
Job Website	https://www.ubjobs.buffalo.edu/postings/48518

Apply By Email

Job Description

The [Department of Civil, Structural and Environmental Engineering \(CSEE\)](#) at the University at Buffalo (UB) invites applications for a tenure-track faculty position in Geotechnical Engineering at the level of **Assistant, Associate or Full Professor**. Preference will be given to those applying for the Assistant or Associate Professor Level. The research areas of primary interest include numerical geotechnical engineering, geotechnical hazards engineering, geothermal engineering, reservoir engineering and carbon sequestration, sustainable geo-infrastructure, and new frontiers in geotechnical engineering (e.g., bio-geotechnics, deep learning, data analytics).

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We seek candidates who can operate effectively in a diverse and collaborative community. Interdisciplinary scholarly work is encouraged. The successful candidate will be expected to:

- Maintain an active externally-funded research program, mentor and advise graduate and undergraduate students.
- Teach at the graduate and undergraduate levels.
- Develop and teach new graduate classes in CSEE.
- Serve the department, school and university, and profession.

Associate and Full Professor candidates must have a substantial record of scholarly accomplishments, teaching experience, and a sustained externally-funded research program.

Outstanding Benefits Package

Working at UB comes with benefits that exceed salary alone. There are personal rewards including comprehensive health and retirement plan options. We also focus on creating and sustaining a healthy mix of work, personal and academic pursuit - all in an effort to support your work-life effectiveness. Visit our benefits website to learn about our [benefit packages](#).

About the Department

CSEE offers ABET-accredited Bachelor's degrees in Environmental Engineering and Civil Engineering. At the graduate level, CSEE offers MS/PhD degrees in Civil Engineering, and Environmental and Water Resources Engineering, an MS program in Engineering Sustainability, and an Advanced Graduate Certificate in Bridge Engineering.

The Department currently comprises 33 tenure-track faculty, 5 teaching faculty, approximately 500 undergraduate majors, 90 masters' students and 60 doctoral students. We are currently recruiting up to three additional faculty members (in addition to this position) during the academic year 2023-2024. CSEE scholars routinely engage in collaborations with colleagues from diverse academic disciplines and participate in numerous cross-disciplinary research centers, including academic disciplines and participate in numerous cross-disciplinary research centers including the Institute for Bridge Engineering (IBE), Center for Computational Research (CCR), the Center for Geohazards Studies, the Stephen Still Institute for Sustainable Transportation and Logistics (ISTL), the Structural Engineering and Earthquake Simulation Laboratory (SEESL), and the Institute for Research and Education in eNergy, Environment, and Water (RENEW).

The CSEE laboratories include two 6DOF earthquake simulators, a large-scale geotechnical laminar soil box, instrumentation and sensing systems, and modern geotechnical equipment including cyclic triaxial and resonant column testing system.

About The University at Buffalo

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The University at Buffalo (UB) #ubuffalo is one of America's leading public research universities and a flagship of the State University of New York system, recognized for our excellence and our impact. UB is a premier, research-intensive public university dedicated to academic excellence. Our research, creative activity and people positively impact the world. Like the city we call home, UB is distinguished by a culture of resilient optimism, resourceful thinking and pragmatic dreaming that enables us to reach others every day. Visit our website to learn more about the [University at Buffalo](#).

About Buffalo

The City of Buffalo, located on the reinvigorated Lake Erie waterfront, is a dynamic urban center with a rapidly growing economy, eclectic neighborhoods, world-class art galleries and museums, a vibrant theater and music community, a city-wide system of parks designed by renowned landscape architect Frederick Law Olmsted, and multiple professional sports teams. Lake Ontario and Niagara Falls are easily accessible within a 20-minute drive. The CSEE Department is located on the UB North Campus in the nearby Town of Amherst, a thriving area that combines outstanding public schools and services with a surprisingly low cost-of-living.

University at Buffalo is an affirmative action/equal opportunity employer and, in keeping with our commitment, welcomes all to apply including veterans and individuals with disabilities.

Contact Information

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

Contact

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