

Empire Innovation Professor - Civil, Structural &
Environmental Engineering
University at Buffalo, The State University of New York

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Posted Oct. 16, 2023, set to expire Aug. 4, 2024

Job Title	Empire Innovation Professor - Civil, Structural & Environmental Engineering
Department	Civil, Structural & Environmental Engineering
Institution	University at Buffalo, The State University of New York Buffalo, New York
Date Posted	Oct. 16, 2023
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professor
Academic Field(s)	Structural Engineering Ecological and Environmental Civil Engineering
Job Website	https://www.ubjobs.buffalo.edu/postings/45831

Apply By Email

Job Description

The [Department of Civil, Structural and Environmental Engineering \(CSEE\)](#) at University at Buffalo (UB) invites candidates to apply for a position of **Professor of Empire Innovation**, at the rank of Associate Professor or Full Professor. The selected candidate will receive support through the SUNY Empire Innovation Program (EIP) which recognizes exceptional scholars with proven track records of externally funded research.

We invite prominent leaders working in the areas of resilient infrastructure, in pursuit of innovations in the built environment in response to natural and man-made hazards, impacts of climate change, increasing encroachment of communities into areas prone to hazards, and aging infrastructure systems. Examples of the relevant civil infrastructure include buildings, transportation, energy, water,



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and wastewater, as well as coastal and inland flood protection. We particularly encourage candidates whose scholarship engages system-level analysis, multi-system interdependencies, and risk and reliability analysis of complex systems.

The Professor of Empire Innovation will complement one or more areas of Departmental strengths in extreme events (e.g., earthquake, wind, fire), structural/bridge/geotechnical engineering, materials, transportation systems, environmental/water-resources engineering, and environmental sustainability. CSEE faculty are encouraged to participate in cross-disciplinary collaborations and engage with ongoing initiatives such as the Structural Engineering and Earthquake Simulation Laboratory (SEESL), the Center for Computational Research (CCR), the Center for Climate and Geological Hazards, the Institute for Bridget Engineering (IBE), the Stephen Still Institute for Sustainable Transportation and Logistics (SSISTL), and the Institute for Research and Education in eNergy, Environment, and Water (RENEW).

The Professor of Empire Innovation will develop innovative courses at the graduate and undergraduate levels, mentor graduate students, and maintain an active externally funded research program. We are particularly looking for candidates who can operate effectively in a diverse community of students and faculty members and share our vision of helping all constituents reach their full potential within a professional culture that values equity, diversity, and inclusion.

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

The CSEE Department offers BS degrees in civil engineering and environmental engineering, both accredited by the Accreditation Commission of ABET. At the graduate level, CSEE offers MS/PhD degrees in civil engineering, MS/PhD degrees in environmental and water resources engineering, an MS program in engineering sustainability, and an Advanced Graduate Certificate in Bridge Engineering.

The Department currently comprises 34 tenure-track faculty, 4 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. Teaching faculty work also closely with colleagues from the Department of Engineering Education.

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About the University at Buffalo

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