

Professor of Empire Innovation

Posting Details

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| Position Title | Professor of Empire Innovation |
| Department | Civil, Structural & Environmental Engineering |
| Posting Number | F2100136 |
| Posting Link | https://www.ubjobs.buffalo.edu/postings/30709 |
| Employer | State |
| Faculty Appointment Term | Term |
| Position Type | UUP Faculty |
| Fiscal Year | 2021-2022 |

Position Summary 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 **infrastructure resilience**, in pursuit of innovations in the built environment in response to climate change-induced hazards, increasing encroachment of communities into areas prone to hazards, insufficient energy and water infrastructure, and aging transportation systems. Examples of the relevant infrastructure (often referred to as *lifeline systems*) include transportation, coastal and inland flood protection, energy, water, and wastewater. We particularly encourage candidates whose scholarship engages system-level analysis and multi-system interdependencies.

The Professor of Empire Innovation will complement traditional Departmental strengths in extreme events, structural/bridge/geotechnical engineering, transportation systems, and environmental/water-resources engineering, as well as more focused capacity in wind/fire/materials engineering and environmental sustainability.

The Professor of Empire Innovation will teach 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.

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 is comprised of 34 tenure-track faculty, 4 teaching faculty, approximately 500 undergraduate majors, 90 masters' students and 60 doctoral students. Seventeen of our faculty members have joined CSEE since 2014, and we are recruiting four additional faculty members (including this position) during the academic year 2021-2022.

CSEE scholars routinely engage in collaborations with colleagues from diverse academic disciplines and participate in numerous cross-disciplinary research centers including the Institute for Bridge Engineering (ISB), Center for Computational Research (CCR), MCEER, 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).

About the University

The University at Buffalo (UB), a member of the prestigious American Association of Universities, is the largest and most comprehensive university in The State University of New

York (SUNY) system, with about 22,000 undergraduates and 10,000 graduate students and 1600 fulltime faculty. The School of Engineering and Applied Sciences has 7,300 students enrolled across 9 academic departments.

The University at Buffalo is SUNY's most comprehensive public research university, and an outstanding place to work. UB faculty members enjoy competitive salaries and comprehensive health and retirement plan options. Our campus culture encourages a diverse mix of work, personal, and academic pursuits, with many institutional programs that support a healthy work-life balance.

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.

The University at Buffalo is an affirmative action/equal opportunity employer (AA/EOE).

Minimum Qualifications

Candidates must hold a doctorate in civil engineering, structural engineering, environmental engineering, or a closely related field. Candidates must demonstrate excellence in research, teaching, service, and mentoring. Candidates should be internationally recognized scholars as evidenced by impactful publications and a sustained externally funded research program.

Preferred Qualifications

Physical Demands

Type

Full-Time

Campus

North Campus

Posting Alerts

Special Instructions Summary

The application package should consist of a cover letter, a curriculum vitae, a Teaching Statement no longer than two pages, a Research Statement no longer than two pages; Diversity Statement no longer than two pages, and contact information for three references. When selected for interview referees will be emailed to upload their reference letters.

The required Diversity statement should address the following questions:
 "What skills do you see as necessary when developing curricula and learning activities for a diverse group of students?
 Give examples from your personal experience when you have expressed such skills."

Additional Information

Pursuant to Executive Order 161, no State entity, as defined by the Executive Order, is permitted to ask, or mandate, in any form, that an applicant for employment provide his or her current compensation, or any prior compensation history, until such time as the applicant is extended a conditional offer of employment with compensation. If such information has been requested from you before such time, please contact the Governor's Office of Employee Relations at (518) 474-6988 or via email at info@goer.ny.gov.

Is a background check required for this posting?

No

Background Check Notification

Contact's Name

Alan Rabudeau

Contact's Title

Professor

Contact's Email

rabideau@buffalo.edu

Contact's Phone

716-645-4003

Posted

09/21/2021

Deadline for Applicants

Open Until Filled

Date to be filled**Number of References Required**

3

Reference Cutoff Date**Instructions to Applicant**

By providing the names and e-mail addresses of my references, I hereby authorize either Human Resources or the applicable hiring department to contact my references via e-mail to request a reference letter on my behalf.

Supplemental Questions

Required fields are indicated with an asterisk (*).

1. * Please indicate your current employment affiliation with the University at Buffalo.

- Faculty
- Faculty Student Association (FSA)
- Research Foundation Employee
- State Classified
- State Professional
- UB Foundation
- TA/GA
- Student
- No Current Employment Affiliation

2. * How did you first hear about this employment opportunity?

- AcademicKeys.com
- CareerExposure.com
- CareerWomen.com
- Chronicle of Higher Education
- DiversitySearch.com
- GoogleJobs.com
- HERCjobs.org
- HigherEdJobs.com
- IMDiversity.com
- Indeed.com
- LinkedIn.com
- MBACareers.com
- Conference
- Personal Referral
- UBJobs.com
- Other

Documents Needed To Apply

Required Documents

1. Cover Letter
2. CV/Resume
3. Teaching Statement
4. Research Statement
5. Diversity Statement

Optional Documents