

# Assistant, Associate, or Full Professor, Civil, Structural & Environmental Engineering

## Posting Details

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<b>Position Title</b>	Assistant, Associate, or Full Professor, Civil, Structural & Environmental Engineering
<b>Department</b>	Civil, Structural & Environmental Engineering
<b>Posting Number</b>	F2100147
<b>Posting Link</b>	<a href="https://www.ubjobs.buffalo.edu/postings/30880">https://www.ubjobs.buffalo.edu/postings/30880</a>
<b>Employer</b>	State
<b>Faculty Appointment Term</b>	Term
<b>Position Type</b>	UUP Faculty
<b>Fiscal Year</b>	2021-2022

**Position Summary** The Department of Civil, Structural and Environmental Engineering (CSEE) at University at Buffalo (UB) invites applications from outstanding candidates for a tenure-track faculty position in the area of transportation systems engineering. The position is open for candidates at all ranks. Highly qualified individuals will be considered at the associate or full professor level. We are particularly looking for candidates who can operate effectively in a team environment and in a diverse community of students and faculty and share our vision of helping all constituents reach their full potential.

These positions will expand and strengthen the current faculty capabilities and capitalize on an endowment for the Stephen Still Institute for Sustainable Transportation and Logistics (ISTL), a joint initiative between UB's School of Engineering and Applied Sciences and School of Management (<http://www.buffalo.edu/istl>).

The new hire will support departmental growth in transportation systems engineering and will be an integral part of the ISTL team. Specific areas of interest include, but are not limited to: emerging technologies in transportation that go beyond connected and automated transportation applications (e.g., urban air mobility, flying cars); traffic operations, design, and control; transportation/infrastructure systems design and management; public-private partnerships; travel behavior modeling; traffic flow; transportation safety and security; analysis of driving behavior; statistical/econometric modeling in transportation with an emphasis on addressing multiple layers of unobserved heterogeneity and transferability; and integration of statistical/econometric modeling and emerging sources of transportation Big Data (e.g., naturalistic data, driving simulation data, etc.). Experience in engineering education research is also highly desirable.

Successful candidates at the Assistant Professor position are expected to establish and maintain an internationally recognized research program, to contribute to teaching of undergraduate and graduate courses, to develop and deliver distance learning modules, and to provide service to the University and the profession. The successful candidate is also anticipated to seek collaborative opportunities with MCEER ([www.buffalo.edu/mceer.html](http://www.buffalo.edu/mceer.html)), the Institute for Bridge Engineering, the UB Center for Computational Research ([www.ccr.buffalo.edu](http://www.ccr.buffalo.edu)), New York State Center for Engineering Design and Industrial Innovation, and other campus-wide initiatives.

Successful candidates at the Associate Professor or Full Professor position should also demonstrate excellence in research, teaching, service, and mentoring, and to be internationally recognized scholars as evidenced by impactful publications and a sustained externally funded research program.

Review of applications will begin on November 1, 2021.

### About UB

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.

**About Buffalo**

Buffalo is a city with a rapidly growing economy, eclectic neighborhoods, world-class art galleries and museums, a vibrant theater and music community, the Lake Erie waterfront, a city-wide system of parks designed by renowned landscape architect Frederick Law Olmsted, and major and minor league sports teams. The awe-inspiring Niagara Falls is just 20 minutes away. The department is located on the UB North Campus in suburban Amherst, an 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.

**Minimum Qualifications**

Candidates must hold a doctorate in civil engineering, transportation engineering or a closely related field. PhD must be conferred prior to appointment.

**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; a Diversity Statement and contact information for three references. When selected for interview referees will be emailed to upload their reference letter.

Applicants must, at a minimum, answer the following question submitted as "Diversity Statement." Please give an example of when you have changed or altered your approach to research based on your knowledge and awareness of underserved or underrepresented populations, and/or underreporting of relevant data stemming from explicit or implicit bias." Applications submitted without a response to this question will not be considered.

**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](mailto:info@goer.ny.gov).

**Is a background check required for this posting?**

No

**Background Check Notification****Contact's Name**

Michael C. Constantinou

**Contact's Title**

Search Committee Chair

**Contact's Email**

[constan1@buffalo.edu](mailto:constan1@buffalo.edu)

**Contact's Phone**

716-645-2469

**Posted**

09/30/2021

**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

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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

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**Required Documents**

1. Cover Letter
2. Curriculum Vitae
3. Teaching Statement
4. Research Statement
5. Diversity Statement

**Optional Documents**