Position announcement: Assistant, associate or full professor in transportation engineering

The Department of Civil, Structural and Environmental Engineering (CSEE) at the University at Buffalo (UB) aims to fill a faculty position in transportation systems engineering, starting in Fall 2015.

Applicants must demonstrate a creative vision for original research with expertise in one or more of the following areas: systems modeling, transportation analytics, and the use of big data to address challenges in mobility, safety, sustainability and resilience in multimodal transportation systems. The successful candidate will support departmental growth in transportation engineering, and may, dependent on rank, be part of the leadership teams for the newly established Institute for Sustainable Transportation and Logistics (ISTL) at the university, which is a joint initiative of the School of Engineering and Applied Sciences and the School of Management, and the Tier I Transportation Informatics University Transportation Center (TransInfo UTC). He/she will be expected to (1) develop an externally funded and internationally recognized research program; (2) supervise graduate students; (3) teach undergraduate and graduate classes in CSEE; (4) work across disciplinary boundaries; and (5) serve the department, School of Engineering and Applied Sciences, and the university.

An earned doctorate in transportation engineering, or a closely related field, is required. PhD must be conferred prior to appointment in Fall 2015. Professional licensure, or the ability to obtain licensure within 3 years, is highly desirable.

The successful candidate will be expected to develop a computational and/or experimental research program, and will have opportunities to work with MCEER (www.mceer.buffalo.edu), the Institute for Bridge Engineering, the UB Center for Computational Research (www.ccr.buffalo.edu), New York State Center for Engineering Design and Industrial Innovation, and other campus-wide initiatives such as ISTL (http://www.buffalo.edu/istl.html), TransInfo (http://www.buffalo.edu/transinfo.html), and some of the emerging UB wide Communities of Excellence (CoE).

Applications must be submitted through the UB Jobs system at www.ubjobs.buffalo.edu, referencing posting number 1400765, and should include a cover letter, a brief statement of research and teaching interests, a curriculum vitae, and contact information for at least three references.

Questions may be directed to Professor Adel Sadek, Search Committee Chair, at asadek@buffalo.edu. Review of applications will commence on January 1, 2015, and continue until the position is filled.

The University at Buffalo is an equal opportunity, affirmative action employer that is committed to diversity in its faculty and staff. Women and members of other traditionally underrepresented groups in civil and environmental engineering are strongly encouraged to apply.