Position announcements: Assistant, associate or full professors in geotechnical and structural engineering

The Department of Civil, Structural and Environmental Engineering (CSEE) at the University at Buffalo (UB) aims to fill a faculty position in geotechnical and structural engineering, starting in Fall 2015. The new hire will complement existing departmental strengths in geotechnical and structural engineering.

Applicants must demonstrate a creative vision for original research. The successful candidate 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. The successful candidate will be expected to combine experimental work with modeling based on fundamental principles, to show potential for significant impact on the profession, and have the talent to educate future leaders of the profession in the mastery and application of the areas of their research. Particular areas of interest include, but are not limited to:

**Geotechnical engineering:** geothermal energy exploitation, hydraulic fracturing, carbon sequestration, energy geotechnics, engineering seismology, and geoenvironmental engineering.

**Structural engineering:** bridge engineering, sustainability, resilience and design in a multi-hazard environment.

An earned doctorate in civil engineering 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 experimental and/or computational research programs in collaboration with other units in the department and across the university, including MCEER (www.mceer.buffalo.edu), the Institute for Bridge Engineering (www.buffalo.edu/ibe) and the recently established UB Institute for Research, Education in eNergy, Environment, and Water (RENEW).

Applications must be submitted through the UB Jobs system at www.ubjobs.buffalo.edu, referencing posting number 1400764, 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 Amjad Aref, Search Committee Chair, at aaref@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.