Northeastern

Department of Civil and Environmental Engineering
Continues a Multi-Year Expansion in Size and Scope

2015-2016

Northeastern University seeks faculty candidates for tenured or tenure-track appointments at the assistant, associate or full professor level in the Department of Civil and Environmental Engineering. We invite applications from individuals who can contribute to areas related to Civil Engineering System Informatics. Interested candidates may be considered for joint appointments in other university departments commensurate with their expertise.

The department is in the midst of a significant, multi-year expansion in size and scope, including faculty, facilities, and programs within several disciplines and across disciplinary boundaries. Other related interdisciplinary positions are also available via separate application and are described at http://www.civ.neu.edu/civ/search.

The department seeks candidates with a strong interest in novel applications of data-driven informatics and computational sciences in the civil engineering domain. Smart cities, building informatics, complex urban network modeling and simulation, and civil infrastructure systems, are of special interest. Candidates should have core expertise in areas of civil engineering, in particular geotechnical, construction, transportation, and lifeline engineering. Northeastern University offers opportunities to partner with faculty and research centers already focusing on informatics and data sciences.

Qualifications: A Doctorate degree in civil engineering or a related field by the start date, and demonstrated excellence in research, teaching, and service. Senior-level candidates should demonstrate a proven ability to sustain a research program with an emphasis on interdisciplinary and translational research, teach both undergraduate and graduate classes, and be an active, recognized leader nationally and internationally in the discipline.

About Northeastern University: Northeastern University is located in the heart of Boston and benefits from the intellectual and cultural vitality of an urban environment. Northeastern has numerous international partnerships, is a premier experiential education university, and is a National Science Foundation ADVANCE Institutional Transformation site. The department houses major research centers, including the NIH-sponsored program Puerto Rico Testsite for Exploring Contamination Threats (PROTECT), as well as the NIST-funded center on Versatile Onboard Traffic Embedded Roaming Sensors (VOTERS). Faculty enjoy collaboration with other research centers headed in the College of Engineering, including the NSF-funded Center for High-Rate Nanomanufacturing (CHN), the NSF-funded Gordon Center for Subsurface Sensing and Imaging Systems (CenSSIS), the Homeland Security Center of Excellence on Awareness and Localization of Explosive-Related Threats (ALERT), the NSF Center for Health Organization Transformation (CHOT), the George J. Kostas Research Institute for
Homeland Security, and several other research centers and clusters in the College of Engineering, College of Science, Bouvé College of Health Sciences, College of Arts, Media and Design, and the College of Social Science and Humanities.

**Equal Employment Opportunity:** Northeastern University is an Equal Opportunity, Affirmative Action Educational Institution and Employer, Title IX University. Northeastern particularly welcomes applications from minorities, women and persons with disabilities. Northeastern is an E-Verify Employer.

**How to Apply:** Visit the College website [http://www.coe.neu.edu/faculty/positions/](http://www.coe.neu.edu/faculty/positions/) and click on Faculty Positions. Applications should be submitted under the position entitled **Civil Engineering System Informatics** and should include (1) detailed resume, (2) research development statement, (3) teaching statement, (4) copy of one sample journal paper, and (5) list of four references with contact information. Screening of applications begins December 1, 2015 and continues until the position is filled. Questions regarding this position should be directed to Prof. Ming Wang at civil-informatics-search@coe.neu.edu.