New York University, one of the largest and most highly regarded private universities, is seeking to add several tenured/tenure-track faculty members to its Department of Civil and Urban Engineering in the Tandon School of Engineering, previously known as Brooklyn Poly or Polytechnic Institute/University. The department collaborates closely with other schools and centers of the university engaged with public health, urban informatics and planning, etc.

The department invites applications at all faculty ranks specializing in transportation infrastructure. Candidates with expertise in transportation infrastructure with a focus on 1) long and short term infrastructure monitoring using state-of-the art sensing and data analytics technologies; 2) field deployment of advanced sensors to continuously monitor the performance of urban transportation systems; 3) data-driven analytical and reliability-based models for pre and post evaluation of the performance of critical structures; 4) design and deployment of sustainable, resilient, and cost-effective transportation infrastructure using new generation of reliability-based design codes, construction techniques, smart materials and sensors.

The successful candidate will lead the department’s efforts to build a world-class transportation infrastructure program in close collaboration with faculty from the transportation engineering group. A tenure-track/tenured position at the level of Associate or Full Professor preferred. A distinguished record of scholarship, publications, leadership, curricular innovation, entrepreneurship and an excellent funding record are desired. Candidates must have or show potential for excellence in teaching and mentoring. A proven record of interdisciplinary work will be a plus. The position provides a competitive salary, benefits, housing allowance, and research start-up funds.

Applicants should submit a cover letter, a current CV along with research and teaching statements, copies of 3 representative publications, and the names of at least three professional references. Recent teaching evaluations should be provided if applicable. Review of applications will begin on January 15, 2017 and will continue until the position is filled.

New York University is an Equal Opportunity Employer. New York University is committed to a policy of equal treatment and opportunity in every aspect of its hiring and promotion process without regard to race, color, creed, religion, sex, pregnancy or childbirth (or related medical condition), sexual orientation, partnership status, gender and/or gender identity or expression, marital, parental or familial status, caregiver status, national origin, ethnicity, alienage or citizenship status, veteran or military status, age, disability, predisposing genetic characteristics, domestic violence victim status, unemployment status, or any other legally protected basis. Women, racial and ethnic minorities, persons of minority sexual orientation or gender identity, individuals with disabilities, and veterans are encouraged to apply for vacant positions at all levels.