

Tenured Associate or Full Professor Position  
New York University

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<b>Job Title</b>	Tenured Associate or Full Professor Position
<b>Department</b>	Center for Urban Science & Progress
<b>Institution</b>	New York University Brooklyn, New York
<b>Date Posted</b>	Dec. 15, 2016
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	September 2017
<b>Job Categories</b>	Associate Professor Professor
<b>Academic Field(s)</b>	Physics - General Mathematics/Applied Mathematics Computer/Information Sciences Sciences - General
<b>Job Website</b>	<a href="http://cusp.nyu.edu/">http://cusp.nyu.edu/</a>
<b>Apply Online Here</b>	<a href="http://apply.interfolio.com/39391">http://apply.interfolio.com/39391</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

NYU's Center for Urban Science and Progress (CUSP) invites applications for a tenured Associate or Full Professor position in the Center for Urban Science and Progress. We encourage applications from candidates with expertise in urban informatics and its application to technology, infrastructure, environment, or human aspects of cities. Applications from candidates with a successful record of leading large funded research projects that can support multidisciplinary teams are encouraged. A Ph.D. and a scholarly record that warrants appointment at the rank of Associate or Full Professor are required. While the successful applicant will be expected to anchor their teaching assignments and

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research projects within CUSP, their academic position will formally reside within an appropriate tenure-granting unit of NYU.

CUSP's research and education stands at the intersection of two simple but compelling trends - the growing importance of cities and the rapid evolution of data technologies. Located in the heart of the Brooklyn Tech Triangle - a focus of ongoing investments in science, technology, and economic development - CUSP uses New York City as its laboratory and classroom, acquiring, managing, integrating, and analyzing data derived from city agencies, the private sector, and novel sensing technologies. Close partnerships with government agencies in the New York City area and the resources of CUSP's academic, commercial, and national laboratory partners are key assets in these activities.

CUSP has made substantial investments in developing novel capabilities critical to advancing Urban Science. A state-of-the-art Data Facility securely provides users with diverse and interoperable datasets, as well as tools for their analysis. The CUSP Urban Observatory is pioneering highly granular, persistent, and synoptic observations from urban vantage points in multiple modalities. The CUSP Quantified Community initiative is creating highly-instrumented urban neighborhoods via an integrated, expandable sensor network and citizen engagement. The SONYC project has developed and is deploying low-cost highly capable acoustic sensors to measure and characterize urban sounds. And urban mobility and traffic safety are being studied through a suite of interrelated forefront research projects.

CUSP's one-year MS program in Applied Urban Science and Informatics has a current enrollment of more than eighty quantitatively talented students from a diversity of backgrounds including the physical, data, and social sciences, as well as engineering. It leverages New York City as a living lab, and builds upon the strengths of CUSP's academic and government partnerships to create a unique data-driven educational offering with projects that concretely address current urban challenges.

Applications should be received on or prior to January 16, 2017. CUSP strongly encourages applications from women, people with disabilities and members of minority groups. Individuals with disabilities seeking accommodations in the application process should contact the Office of Equal Opportunity at [equal.opportunity@nyu.edu](mailto:equal.opportunity@nyu.edu).

To submit an application, please submit the following documents through the link <http://apply.interfolio.com/39391>

- Curriculum Vitae (including a bibliography of publications and presentations)
- A research statement addressing how your current and future research might advance urban science

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and applications to the technology, infrastructure, environment, or human aspects of cities (3 pages maximum)

- A teaching statement that outlines your teaching philosophy and addresses how you integrate your research and teaching in the classroom or other instructional environments (3 pages maximum)
- Past and Current sponsored projects (past 5 years)
- Copies of three relevant research publications published within the past 5 years
- A list of four references with email contact information from whom letters might be requested

### **EEO/AA Policy**

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.

### **Contact Information**

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

### **Contact**

1 Metrotech Center  
19th Floor  
Brooklyn, NY 11201