TENURE TRACK ASSISTANT PROFESSOR IN RESILIENT URBAN SYSTEMS

The Rice University Department of Civil and Environmental Engineering invites applications for a tenure track assistant professor position in the broad area of *Resilient Urban Systems.* We seek candidates with deep foundational expertise and an interest in interdisciplinary research to enhance the resilience of future smart cities and infrastructure systems under chronic and acute stressors. Areas of interest include, but are not limited to: (1) natural hazards and climate impacts, including urban hydrology, water resources, coastal hydrodynamics, and coastal hazards adaptation and mitigation; (2) smart/adaptive-systems and advanced sensing including computer vision, intelligent infrastructure, statistical learning, data analytics and data fusion in future cities; (3) life-cycle engineering, and the assessment and design of resilient structures and systems; (4) complex systems modeling, socio-technical systems analysis, and topology optimization.

The successful candidate is expected to establish a rigorous, externally funded research program, teach core courses and develop undergraduate and graduate courses within their area of expertise, collaborate with other faculty, and be involved in service to the university and the broader scientific community. Furthermore, the successful candidate will have a strong commitment to teaching, advising, and mentoring undergraduate and graduate students from diverse backgrounds.

Requirements:
All candidates must have earned a Ph.D. degree in Civil / Coastal / Environmental Engineering or a related field conferred by July 1, 2020, demonstrate excellence in research, display distinction (or potential for distinction) in teaching, and be able to collaborate across disciplines.

Requested materials include a cover letter that summarizes qualifications for this position; curriculum vitae including academic and professional experience and a list of publications; statements of research and teaching interests; and the names and contact information of three (3) references.

To apply, please submit materials in electronic form through the Rice Application Portal via this link: **https://jobs.rice.edu/postings/21341**

Review of applications will begin November 1, 2019.

Rice University, located in Houston TX, is a vibrant campus with many research centers, institutes and interdisciplinary initiatives providing resources and collaboration opportunities relevant to the interested candidates (e.g., the SSPEED center, the Data Science Initiative, the Baker Institute for Public Policy, the NSF ERC on Nanotechnology-Enabled Water treatment (NEWT), and the Kinder Institute for Urban Research).

The George R. Brown School of Engineering ranks among the top 20 of undergraduate engineering programs (US News & World Report) and is strongly committed to nurturing the aspirations of faculty, staff and students in an inclusive environment.

We seek greater representation of women, minorities, people with disabilities, and veterans in disciplines in which they have historically been underrepresented; to attract international students from a wider range of countries and backgrounds; to accelerate progress in building a faculty and staff who are diverse in background and thought; and we support an inclusive environment that fosters interaction and understanding within our diverse community.

Rice University is an Equal Opportunity Employer with commitment to diversity at all levels and considers for employment qualified applicants without regard to race, color, religion, age, sex, sexual orientation, gender identity, national or ethnic origin, genetic information, disability, or protected veteran status.