

Assistant Professor in Cyber-Physical-Social Systems

The School of Industrial and Systems Engineering at the University of Oklahoma invites applications for a tenure track position at the assistant professor level beginning in August 2017. We seek a passionate individual who will contribute to the School's growing research program in cyber-physical-social systems, particularly infrastructure and community resilience, interdependent networks, and smart cities. The desired research and teaching areas of interest include analytics, system modeling and optimization, and simulation to address challenges in infrastructure risk, community resilience, emergency response, humanitarian logistics, or human response to disasters, among other related applications. This position aligns with two strategic research interests in the OU Gallogly College of Engineering, (i) resilient systems and (ii) data science and analytics, and is part of a cluster hire in cyber-physical-social systems with the OU School of Computer Science. This position also adds critical strength to our burgeoning interdisciplinary Data Science and Analytics (DSA) program.

Applicants should hold a Ph.D. in Industrial Engineering, Systems Engineering, or a related discipline. Successful candidates are expected to develop a strong externally-funded collaborative research program in the area of resilient cyber-physical-social systems. The successful candidate must support a diverse student body through excellence in teaching undergraduate and graduate curricula and mentoring M.S. and Ph.D. students in ISE and DSA.

The application package should include: (i) single page cover letter describing the motivation in pursuing this position, (ii) curriculum vitae, (iii) teaching and research statements, and (iv) list of at least three references. Application packages should be submitted via soonerway.ou.edu. Inquiries about the position can be addressed to Professor Kash Barker, chair of the search committee, at kashbarker@ou.edu. We encourage applicants to apply by November 1, 2016, though application packages will be accepted until the position is filled.

The University of Oklahoma is a Carnegie-R1 comprehensive public research university known for excellence in teaching, research, and community engagement, serving the educational, cultural, economic and health-care needs of the state, region, and nation from three campuses: the main campus in Norman, the Health Sciences Center in Oklahoma City, and the Schusterman Center in Tulsa. OU enrolls over 30,000 students and has more than 2,700 full-time faculty members. Norman is a culturally rich and vibrant town located in the Oklahoma City metro area. With outstanding schools, amenities, and a low cost of living, Norman is a perennial contender on the "Best Places to Live" rankings. Visit soonerway.ou.edu for more information.

The University of Oklahoma, in compliance with all applicable federal and state laws and regulations, does not discriminate on the basis of race, color, national origin, sex, sexual orientation, genetic information, gender identity, gender expression, age, religion, disability, political beliefs, or status as a veteran in any of its policies, practices, or procedures. The University of Oklahoma, recognizing its obligation to guarantee equal opportunity to all persons in all segments of University life, reaffirms its commitment to the continuation and expansion of positive programs which reinforce and strengthen its affirmative action policies. This commitment stems not only from compliance with federal and state equal opportunity laws but from a desire to ensure social justice and promote campus diversity. Our commitment to the concept of affirmative action requires sincere and cooperative efforts throughout all levels of our employment structure. We will continue to strive to reach the goals of fair and equal employment opportunities for all.