

## College of Engineering

### Tenure-Track Faculty Position in Civil and Environmental Engineering Informatics

**Position:** The College of Engineering at the University of Georgia (UGA) invites candidates for a full-time (academic year) tenure-track position at the assistant professor or associate professor rank in the area of informatics in infrastructure systems and the natural environment. Selection of rank will be commensurate with candidate's qualifications and experience.

**Responsibilities:** Successful candidates will join a growing and interdisciplinary team of researchers and educators in the School of Environmental, Civil, Agricultural, and Mechanical Engineering (ECAM) and work closely with colleagues affiliated with the recently established Institute for Resilient Infrastructure Systems (<http://iris.uga.edu>). The candidate will be expected to contribute to the Civil and Environmental Engineering program's developing urban infrastructure, planning, and development area and charged with establishing a research program of national and international prominence, developing courses and pedagogical approaches to educate UGA engineers, and partner with faculty in other disciplines and with industries to build a vibrant research program that leads to collaborations across and integration of multiple fields of study. Candidate's research program will be expected to focus on technological innovations and advances in basic knowledge, and take a systems perspective to significantly benefit society. Candidates will be expected to compete successfully for extramural funding to support research and a companion graduate and postdoctoral training program. The successful candidate should have a strong commitment to teaching excellence at both the undergraduate and graduate civil and environmental engineering courses. Candidates capable of teaching courses in Geographic Information Systems, Building Information Modeling, and graduate courses in any of the expertise areas below are highly desirable.

Outstanding candidates with expertise in any of the following areas: Security, Resilience and Adaptability of Infrastructure Systems in Response to Environmental and Human-Influenced Hazards, Planning and Monitoring of Secure Urban Infrastructure, Structural Health Monitoring, Building Information Modeling, Construction Information Modeling, and Geographic Information Systems.

**Qualifications:** A Ph.D. degree in Civil or Environmental Engineering or an equivalent terminal degree is required. Knowledge of engineering science and design and expertise applicable to at least one research area, for example, those listed above, is highly desired. Successful candidates will also demonstrate attributes including leadership traits, skills in effective communication and time management, and ability to work with individuals from a variety of disciplines. Candidates with Professional Engineering (PE) license or completion of the FE examination with plans to pursue PE registration are preferred. Individuals currently employed in industry are encouraged to apply. For information regarding the requirements of each faculty rank, please visit the College of Engineering's [Promotion and Tenure Guidelines](#).

**About the College of Engineering:** The College of Engineering, formed on July 1, 2012, is building a vibrant academic environment that fosters engineering education in a liberal arts environment and research that addresses critical societal needs. The College offers eight accredited undergraduate and seven graduate engineering degree programs spanning all engineering fields. The college has grown rapidly to more than 2,400 undergraduate and graduate students and over 80 faculty members. More information can be found at [www.engineering.uga.edu](http://www.engineering.uga.edu).

**About the School of Environmental, Civil, Agricultural and Mechanical Engineering:** The School of ECAM strives for excellence and global leadership in engineering education, research, and service and fosters a culture of collaboration among experts across a variety of engineering disciplines and other

fields beyond engineering recognizing that technology is embedded in a broader social and environmental context. More information about the school can be found at (<http://www.engineering.uga.edu/schools/ecam>). The Civil and Environmental Engineering faculty have developed great working relationships with the research division of the department of transportation and state and regional industry partners. The candidate is invited to become a member of one of the fastest growing research and graduate programs in the college by leading and working collaboratively on state, regional, and national research projects.

**Application Procedure:** *Please submit applications at <http://www.ugajobsearch.com/postings/32991>. Questions related to the positions may be directed to the Search Committee Chair, Stephan A. Durham, Ph.D., P.E., Email: [sdurham@uga.edu](mailto:sdurham@uga.edu), Telephone: (706) 542-9480.*

*Completed applications received by December 17, 2018 will be given full consideration.*

**The University of Georgia is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, ethnicity, age, genetic information, disability, gender identity, sexual orientation, or protected veteran status. Persons needing accommodations or assistance with the accessibility of materials related to this search are encouraged to contact Central HR ([hrweb@uga.edu](mailto:hrweb@uga.edu)). Please do not contact the department or search committee with such requests.**