ASSISTANT PROFESSOR IN STRUCTURAL ENGINEERING

JOB DESCRIPTION/REQUIREMENTS: The Department of Civil and Environmental Engineering (CEE) invites applications for a tenure-track assistant professor position in the area of structural engineering starting in Fall 2018. Applicants must have an earned doctoral degree from an accredited civil engineering program or a closely related field before Fall 2018 to be considered. Preference will be given to applicants in one or more of the following research areas: resilient infrastructure systems, structural reliability, risk and vulnerability modeling, multi-hazard engineering, and structural health monitoring. Applicants with background in geomaterials, waste remediation, and soil-structures interaction are also encouraged to apply. We seek candidates who can inspire and lead funded research and scholarship, enable student success at both the undergraduate and graduate levels through teaching and mentoring, and contribute proactively to university and professional service while contributing to the diversity of the UAH academic community.

ABOUT THE UNIVERSITY: The University of Alabama in Huntsville (UAH), classified as a High Research Active institution by the Carnegie Foundation for the Advancement of Teaching, offers academic and research programs in the Colleges of Engineering, Nursing, Education, Science, Business, Arts, Humanities & Social Sciences, and Professional and Continuing Studies. Huntsville maintains one of the highest per capita incomes and standards of living in the Southeast and is home to many aerospace and high technology research corporations. Huntsville and surrounding communities present many opportunities for healthcare research and professional practice. The Huntsville area is also home to more than 50 Fortune 500 companies, the Hudson Alpha Institute for Biotechnology, and several federal research facilities, including NASA Marshall Space Flight Center and the Army’s Missile Defense Agency (MDA), Materiel Command, Aviation and Missile Command, and Space and Missile Defense Command.

ABOUT THE COLLEGE: The College of Engineering currently has a research focus that addresses three National Academy of Engineering (NAE) Grand Challenge problems: secure cyberspace; restore and improve urban infrastructure; and engineer tools of scientific discovery. The College enrolls nearly 35% of UAH’s undergraduates in ABET-accredited programs in aerospace, chemical, civil, computer, electrical, industrial and systems, mechanical, and optical engineering. The College has made recent investments in materials engineering, energy storage, cybersecurity, and systems engineering.

ABOUT THE DEPARTMENT: The CEE Department is a relatively small department with growth potential. It has four tenured and tenure track faculty and two clinical faculty members. UAH CEE research strengths include: transportation, traffic modeling, urban planning, structural engineering and hazard mitigation, steel and self-centering structures, advanced infrastructure materials, advanced water/wastewater treatment, water reuse, decentralized treatment, and nonpoint source pollution control. The department possesses laboratories and combined research/instructional facilities in the areas of transportation, structures, and water treatment, which includes ~ 6000 square feet of high bay space housing CE materials, structural hazard mitigation, and hydraulics laboratories; four environmental and water quality laboratories, one transportation and GIS laboratory, and one geotechnical laboratory; and a Real Time Instruction
for Driver Education (RIDE) facility. The CEE Department offers BS and MSE degree programs in Civil Engineering, and participates in a joint PhD degree program in Civil Engineering with the University of Alabama at Birmingham (UAB). Nine UAB members of the civil engineering faculty serve as adjunct faculty at UAH and serve on Civil Engineering PhD dissertation committees.

APPLICATION DEADLINE: Review of applications will begin on December 1, 2017 and will continue until the position is filled.

APPLICATION PROCEDURE: Please submit applications electronically to ceesearch@uah.edu. Complete applications should include a current curriculum vita, a statement of teaching and research interest, and a list of at least three professional references.

The University of Alabama in Huntsville is an affirmative action/equal opportunity employer of minorities/ females/ veterans/ disabled. Consistent with our core values of integrity, respect, diligence, excellence, inclusiveness and diversity, the University strongly encourages applications from members of all under-represented groups. An offer of employment at the University is contingent upon the results of a criminal background check.

Contact:

Gabriele Cromartie
Civil and Environmental Engineering
University of Alabama in Huntsville
301 Sparkman Dr
Olin B. King Technology Hall S201
Huntsville, AL 35899

Phone Number: 256-824-6854
Fax Number: 256-824-6724
Email: ceesearch@uah.edu