

## Faculty Opening in Structural Engineering

APPLY NOW

The Sonny Astani Department of Civil and Environmental Engineering (<http://cee.usc.edu>) is searching for faculty candidates in the areas of structural engineering and construction materials. Application and nominations for tenure-track or tenured faculty positions at all levels are requested. The USC Viterbi School of Engineering is committed to increasing the diversity of its faculty and welcomes applications from women, underrepresented groups, veterans, and individuals with disabilities. We are interested in exceptional candidates at all levels.

We expect all candidates to have a strong commitment to research, doctoral student mentoring, and teaching at the undergraduate and graduate levels. Applicants should have a doctorate in civil engineering or a related field of study, and those applying for Associate Professor or Professor ranks must have a well-established academic records. The intellectual depth, innovation, and promise of the candidates are of higher priority than their specific research area; however, a strong experimental research emphasis is desired. Some areas of specific interest include: (1) characterization of construction materials at different levels of observation, (2) evaluation of existing infrastructure under environmental aging, (3) repair and rehabilitation of aged infrastructure using new techniques and materials, and (4) development of new sustainable construction materials including green concrete.

The positions are available starting August 16, 2018. Applications (which should be submitted at <http://cee.usc.edu/facultyopenings/>) will be reviewed starting December 15, 2017. Application materials must include a cover letter, a curriculum vitae, a statement of research (1 page) and teaching interests (1 page), and contact information for five references. Applicants are encouraged to include a succinct statement on fostering an environment of diversity and inclusion. All application materials will be held in the strictest confidence. Interested individuals are welcome to contact Prof. Roger Ghanem, Sonny Astani Department of Civil and Environmental Engineering, University of Southern California, 3620 South Vermont Avenue, Los Angeles CA 90089-2531 (email: [ghanem@usc.edu](mailto:ghanem@usc.edu)).

The Astani Department has 24 tenured/tenure track faculty members, including four chaired professorships, six current or former Young Investigator and Early Career awardees, and many fellows of professional organizations. The Department recently renovated the Structural and Materials Research Laboratory (SMRL) with a multimillion-dollar investment from the USC Viterbi School, including new equipment and renovated space to support cutting-edge materials and structures research (<http://smrl.usc.edu>).

In November 2007, the Department was the beneficiary of a \$17 million pledge from Sonny Astani, the largest ever bestowed on a department of civil and environmental engineering at that time. The USC Viterbi School (<http://viterbi.usc.edu>) is among the top engineering schools in the world. It counts 185 full-time, tenure-track faculty members, and it is home to the Information Sciences Institute, two National Science Foundation Engineering Research Centers, a Department of Energy EFRC (Energy Frontiers Research Center), and the Department of Homeland Security's first University Center of Excellence, CREATE. The School is affiliated with the Alfred E. Mann Institute for Biomedical Engineering, the Institute for Creative Technologies and the USC Stevens Center for Innovation. Research expenditures typically exceed \$185 million annually.

*USC is an equal opportunity, affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status, disability, or any other characteristic protected by law or USC policy. USC will consider for employment all qualified applicants with criminal histories in a manner consistent with the requirements of the Los Angeles Fair Chance Initiative for Hiring ordinance.*