The Department of Civil and Environmental Engineering at Washington State announces the opening of two full-time tenure-track faculty positions in structural engineering at the Assistant or Associate Professor level to advance an interdisciplinary research and education theme on Sustainable and Resilient Structural Systems. This theme focuses on emerging approaches to the design, construction, retrofit, and preservation of structural systems and their interactions with the environment. These coordinated hires are designed to support our departmental strategic plan addressing needs of the built and natural environments in the context of global change. These positions will be located at the Pullman campus and have an effective start date of August 16, 2016. Successful candidates will join a faculty with strengths in areas such as novel timber systems, low-rise construction, smart structural systems, and sustainable and advanced materials. Those with evidence of a strong multidisciplinary interest will have the opportunity to join like-minded faculty in the new PACCAR Environmental Technologies Building, with a new structural testing laboratory. A culture of multidisciplinary research with a diverse group of faculty and students is valued.

Duties: Successful candidates will be expected to provide strong teaching and mentorship to a diverse student body, teaching classes in the areas of structural analysis and design. They should have a core strength in the behavior, analysis, and design of structures, with the ability to conduct multidisciplinary research in areas that include low- to mid-rise buildings and transportation structures, with specialties in sustainable structures; multi-hazard mitigation; hybrid structural systems; retrofit, rehabilitation, and preservation of buildings and infrastructure; and design for efficient construction and deconstruction. Candidates will be expected to contribute to our existing research efforts within the Composite Materials & Engineering Center (cmec.wsu.edu) and/or the Institute for Sustainable Design (sustainabledesign.wsu.edu).

Requirements: Candidates must have an earned doctorate degree in civil or materials engineering or closely related field by the date of hire; specialization in structural mechanics, structural analysis, and/or structural design; excellent communication skills; and a demonstrated commitment to collaborate with diverse internal and external groups. Candidates for Associate Professor must have strong records of scholarship, teaching, and professional service commensurate with that rank. Exceptional candidates will have the opportunity to be appointed as the Coughlin Distinguished Professor in Structural Engineering. Candidates should be licensed or be positioned to obtain their professional engineering license within four years.

Applications should include a cover letter describing relevant experience and interest in the position; curriculum vitae; a statement of research interests and teaching philosophy; and the names of five references with titles, addresses, business telephone numbers, and e-mail addresses. References will not be contacted without consent from applicants. The application must be submitted online at https://www.wsujobs.com/postings/22110.

Screening of applicants will begin December 15, 2015 and continue until the position is filled.

Washington State University is a Land Grant, comprehensive research institution with an enrollment of approximately 30,000 students distributed across six campuses located in Pullman, Spokane, Vancouver, and the Tri-Cities (Richland, Pasco and Kennewick), Everett, and Global. There are seven colleges offering doctoral degrees in 44 disciplines; masters and bachelors
degrees are offered in 55 areas of study. WSU is one of the largest residential universities in the West. Close collaborations also exist with the University of Idaho, which is also a Land Grant Research University of 12,500 students located just eight miles to the east of the main Pullman campus. WSU has excellent faculty-friendly policies, including a partner accommodation program. Civil and Environmental Engineering is one of five rapidly growing departments within the Voiland College of Engineering and Architecture. The Department (cee.wsu.edu) currently has 26 tenure track faculty members, including two Regents Professors, three endowed professorships, two Young Investigator and Early Career awardees, and many fellows of professional organizations. The department has approximately 550 undergraduate students and an active research program, with nearly $8 million in extramural funding and current enrollments of about 140 full-time graduate students.

WSU is an EEO/AA/ADA employer committed to providing equal opportunity without regard to national origin, race, religion, sex, sexual orientation, age, disability, or any other basis prohibited by applicable law. The college of engineering and architecture is interested in candidates who can contribute to the diversity and excellence of the academic community.