

University of Arizona

Faculty Positions, Civil Engineering and Engineering Mechanics, Job # 51532

Job Open Date: 2/5/13

Close Date: Open until Filled

The Department of Civil Engineering and Engineering Mechanics at the University of Arizona invites applications for two tenure track faculty anticipated to join the department in August 2013. All faculty levels will be considered. Preferred research interests are (a) sensing technology development and application to civil infrastructure and (b) infrastructure planning, operation and optimization. The range of possible expertise includes geotechnical, structural, transportation, water, and energy systems. These research areas are an integral part of the department and college's thrusts and faculty will be housed in a new innovation center to open in 2015.

This state-of-the-art building is being designed to allow for installation of alternative sensors to allow for structural health assessment, energy and water conservation and human-building interactions. The University of Arizona is well-known for nurturing a collaborative environment. The CEEM Department was founded in 1905 and offers Bachelor's, Master's and PhD degrees. The Department has approximately 150 undergraduate students, 60 graduate students and 10 faculty members, and research awards of over 1.5 million dollars per year.

The University of Arizona, a Research I institution, ranks 18th among public institutions in annual research expenditures. CEEM is ranked 34th among Civil Engineering Departments by US News and World Report and has a high S-rank of 32 in the recent NRC report. Additional details can be found on the department web page: <http://civil.arizona.edu>. The University of Arizona, home of the Wildcats, is located in Tucson in the Sonoran Desert. The Tucson metropolitan area has about 1 million residents. The region is well known for its outdoor beauty and activities. The successful candidate will be expected to develop and supervise an externally funded program of independent research. The department is seeking an individual who is able to work with diverse students and colleagues, and who has experience with a variety of teaching methods and curricular perspectives. Commitment to working in an interdisciplinary research environment with other faculty and researchers is beneficial. A record of service to the profession, and a demonstrated ability to work effectively with other faculty members, students, and funding agencies is preferred.

The selected candidates are expected to work with faculty in the department and across the College of Engineering and university in teams to pursue multi-million dollar projects. The successful candidate must also be committed to undergraduate and graduate education. Teaching responsibilities will include participation in introductory courses and courses in their area of specialization. Recruitment of new students will be part of the successful candidate's responsibilities.

The positions provide great UA benefits. To learn more and to apply online go to: www.UACareers.com/51532. The University of Arizona is an EEO/AA - M/W/D/V Employer.