

# THE UNIVERSITY OF ALABAMA

## DEPARTMENT OF CIVIL, CONSTRUCTION AND ENVIRONMENTAL ENGINEERING



### Seeks applicants for multiple faculty positions in Structural, Materials and Construction Engineering



The University of Alabama's Department of Civil, Construction and Environmental Engineering invites applications for multiple tenure-track faculty positions in structural engineering, civil engineering materials, and construction engineering. Of particular interest are candidates with research expertise in materials applications to construction engineering, and/or a focus on improving the performance of constructed facilities to natural hazards such as earthquakes and wind, although all excellent candidates will be fully considered. Candidates with either/both analytical and experimental expertise will be considered. The College of Engineering at the University of Alabama is nearing completion of the third of four science and engineering buildings. This third building, SEC-3, houses several new, state-of-the-art materials teaching and research laboratories and a new full-scale structural engineering testing laboratory. The suite of materials teaching and research labs includes separately equipped materials testing labs for teaching and research, four walk-in durability and environmental test chambers, a concrete mixing lab with moist curing room, a geotechnical teaching and research labs, a long-term test facility, and a dedicated materials preparation lab. The structural testing lab has a 40ft x 80ft strong floor with an adjacent 10ft x 10ft x 10ft soil pit. The lab is equipped with a suite of dynamic actuators including a two-actuator hybrid test system, a 300 sq ft uni-axial shake table, and an array of large and small actuators ranging from 35 to 318 kips. One key feature of the new laboratory are 2ft tall reconfigurable/stackable reaction blocks for actuator positioning and experiment design.

The Department of Civil, Construction, and Environmental Engineering at the University of Alabama offers two ABET-accredited BS degrees (civil and construction engineering), two MS degrees (civil and environmental engineering) and the PhD, and with a current enrollment of over 800 undergraduate and graduate students, it is the largest Department in the College of Engineering. Additional information about the Department can be found at [ce.eng.ua.edu](http://ce.eng.ua.edu).

Applicants must have an earned doctorate in civil engineering or a closely related field. Appointments will be at the assistant, associate or full professor level, depending on qualifications. The preferable starting date for the positions is August 2012. Interested applicants should submit a curriculum vitae, a statement of research and teaching interests, and a list of at least four references by January 4, 2011 for full consideration. Review of applications will begin immediately and continue until the positions are filled. Electronic submission of application materials via the University of Alabama employment website is required. Please go to [facultyjobs.ua.edu](http://facultyjobs.ua.edu) and enter requisition number 0805584 to apply for an Assistant/Associate Professor position or requisition number 0805586 to apply for a Full Professor position.

For additional information regarding the University of Alabama, the Department of Civil, Construction and Environmental Engineering, or this search, please contact one or both of the search committee co-chairs, Dr. John W. van de Lindt ([jvwandelindt@eng.ua.edu](mailto:jvwandelindt@eng.ua.edu)) and/or Dr. W. Edward Back ([eback@eng.ua.edu](mailto:eback@eng.ua.edu)).

The University of Alabama is located on a beautiful 1,000 acre residential campus in Tuscaloosa, a dynamic and resilient community of 90,000 in central Alabama. Tuscaloosa is conveniently located between Atlanta, New Orleans and the Gulf Coast. The Tuscaloosa community provides rich cultural, educational, and athletic activities for a broad range of lifestyles. More information can be found at [www.ua.edu](http://www.ua.edu) and [www.ci.tuscaloosa.al.us](http://www.ci.tuscaloosa.al.us). The University of Alabama is an equal-opportunity/affirmative action employer.