Department/Unit URL: http://www.caee.utexas.edu

Closing Date: Until Filled

Field of Specialization: Computational Modeling of Materials

Job Description: The University of Texas at Austin Department of Civil, Architectural and Environmental Engineering (CAEE) invites applications for a tenure-track assistant professor position in computational mechanics. The Department is interested in adding expertise that contributes to the fundamental understanding of material behavior through computational modeling, with an emphasis on applications relevant to civil, architectural, and environmental engineering. Examples of desirable expertise include, without being limited to: (i) multiscale modeling of material behavior that bridges spatial scales from the atomic/molecular/granular to the design/macro scale; (ii) modeling of complex multi-physics and chemical material processes; and (iii) the design and development of new materials to, for example, meet prescribed performance, arrest or delay deterioration, and prevent failure or promote healing. The successful candidate will be expected to teach undergraduate and graduate courses in mechanics, materials and structural engineering, develop a sustainable sponsored research program, supervise graduate students, collaborate with other faculty, and be involved in service to the university and the profession.

Applicant Instructions: Applicants must have an earned Ph. D. degree in civil engineering, materials engineering, materials science, or equivalent. Interested and qualified individuals should submit materials in electronic form to http://apply.interfolio.com/46538. Requested materials include a letter of interest; a complete CV, including academic and professional experience and a list of publications; statement of research interests outlining areas of technical expertise that complement the department’s strategic plan and vision (available at http://www.caee.utexas.edu/about/strategic); statement of teaching philosophy; and the names and e-mail addresses of three references. The letter of interest should be addressed to: Chair, Department of Civil, Architectural, and Environmental Engineering. Review of applications will begin on December 1, 2017.

The University of Texas is an Affirmative Action/Equal Opportunity Employer. Applications from women and minorities are encouraged. A security-sensitive background check will be conducted on the applicant selected.