

**Texas A&M Engineering
Tenure Track Faculty Position Advertisement**

Materials Science and Engineering

Position Title: Tenured or Tenure Track: Assistant, Associate or Full Professor

Department

Materials Science and Engineering

Department Overview

The Department of Materials Science & Engineering at Texas A&M is jointly administered by the College of Engineering and the College of Science. The department has about 130 graduate students enrolled, with 85% pursuing Ph.D.s. There are currently 15 full-time faculty in the department, including two National Academy of Engineering (NAE) members, and 48 joint/affiliated faculty across the College of Science and College of Engineering. The target for the next three years is to increase the number of full-time faculty to more than 20. Currently, the department is a graduate only department with plans to start an undergraduate program in the next two years. The current faculty research focus areas of the department are: 1) computational materials design and discovery; 2) materials for extreme environments; 3) multifunctional materials; 4) polymers and composites; 5) corrosion science and engineering; and 6) advanced structural materials. The new faculty member(s) will be integral contributors to the department's strategic research direction and to its continued drive toward excellence in academia, research, and service.

Job Summary

The Department of Materials Science and Engineering at Texas A&M University invites applications for a tenured or tenure-track faculty position at the assistant, associate, or full professor level with expertise in the mechanical behavior of advanced structural materials, including hard and soft materials and composites. The successful candidate will have a unique opportunity to interface with growing interests and capabilities at the University in mechanical phenomena at very small scales (micro- and nano-) and how they control deformation and failure. Relevant expertise includes new mechanical testing methods, including those used at small scales, and/or advanced microstructural characterization techniques for examining deformation microstructures. The successful applicant will be required to teach, advise and mentor graduate students; develop an independent, externally funded research program; participate in all aspects of the department's activities, and serve the profession. Strong written and verbal communication skills are required. Applicants should consult the department's website to review our academic and research programs (<http://engineering.tamu.edu/materials>). Highly qualified candidates in other areas of materials science and engineering will also be considered, especially if their research interests cut across multiple disciplines.

Required Education and Experience

Applicants must have an earned doctorate in materials science engineering or a closely related engineering or science discipline.

Other Requirements

Applicants should submit a cover letter, curriculum vitae, teaching statement, research statement, and a list of four (can be between 3 – 5) references (including postal addresses, phone numbers and email addresses) by applying for this specific position at www.tamengineeringjobs.com. Full consideration will be given to applications received by December 1, 2016. Applications received after that date may be considered until positions are filled. It is anticipated the appointment will begin either in spring or fall 2017.

EEOC Statement

The members of Texas A&M Engineering are all Equal Opportunity/Affirmative Action/Veterans/Disability employers committed to diversity. It is the policy of these members to recruit, hire, train and promote without regard to race, color, sex, religion, national origin, age, disability, genetic information, veteran status, sexual orientation or gender identity.