



MATERIALS SCIENCE & ENGINEERING

TEXAS A&M UNIVERSITY

Position Title: Assistant, Associate, or Full Professor

The Department of Materials Science and Engineering at Texas A&M University invites applications for a tenured or tenure-track faculty position in the area of mechanical behavior of advanced structural materials. Although candidates at the assistant professor level are preferred, exceptionally well qualified candidates will be considered for appointment at the rank of associate or full professor. 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 influence and control macro-scale deformation and failure. Relevant expertise includes new mechanical testing methods, including those used at small scales, and 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>).

Required Education and Experience:

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

Other Requirements:

Applicants should submit a cover letter, curriculum vitae, teaching statement, and a list of four references (including postal addresses, phone numbers and email addresses) by applying for this specific position at <http://www.tamengineeringjobs.com/postings/7616>. Full consideration will be given to applications received by December 1, 2017. Applications received after that date may be considered until positions are filled. It is anticipated that the appointment will begin in the fall of 2018.

Department Overview:

The Department of Materials Science & Engineering at Texas A&M University is jointly administered by the College of Engineering and the College of Science. The department has about 160 graduate students enrolled, with 85% pursuing Ph.D.s. There are currently 16 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 but has been approved to start an undergraduate program in the Fall of 2018. 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. New faculty member(s) will be integral contributors to the department's strategic research directions and to its continued drive toward excellence in teaching, research, and service.

Texas A&M University – College of Engineering

Texas A&M University (TAMU) is located in the twin cities of Bryan-College Station, TX, with a population of more than 255,500. It is conveniently situated within the triangle formed by Dallas-Fort Worth, Houston and Austin. TAMU has more than 64,000 graduate and undergraduate students enrolled. Research expenditures at TAMU total more than \$866 million annually, ranking in the top tier of universities nationwide. With an endowment valued at more than \$9.7 billion, the university ranks second among U.S. public universities and eighth overall. TAMU is aware that attracting and retaining exceptional faculty often depends on meeting the needs of two careers and having policies that contribute to work-life balance. For more information, visit <http://dof.tamu.edu/Faculty-Resources/CURRENT-FACULTY/Faculty-Work-Life>. With over 500 tenured/tenure-track faculty members and more than 16,000 students, the College of Engineering at TAMU is one of the largest engineering schools in the country. The College is ranked seventh in graduate studies and eighth in undergraduate programs among public institutions by *U.S. News & World Report*, with seven of the college's 14 departments ranked in the Top 10. The college is also ranked 3rd in research expenditures by the American Society for Engineering Education.

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.