Faculty Position in Advanced Biomaterials/Materials

The Department of Mechanical Engineering (ME) at the University of Texas at San Antonio (UTSA), invites applications for a tenure-track faculty position in Advanced Biomaterials/Materials at the rank of Assistant Professor to be filled by August 2016. The ME Department is looking for an outstanding individual who can help strengthen its teaching and research programs. An earned doctorate in Mechanical Engineering, Materials Science and Engineering, or related field must be conferred by August 2016. Applicants are sought with expertise in the broad research area of advanced biomaterial/materials, including, but not limited to, advanced characterization and modeling of biological, multifunctional, as well as smart materials, bio-inspired materials with enhanced mechanical competence, lightweight architectured materials and nanocomposites, as well as novel intelligent material systems with structural health monitoring and morphing capabilities.

The successful candidates are expected to build successful, externally-funded research programs in collaboration with other units in the department, the College of Engineering, the College of Science, and across the University. Applicants must demonstrate a creative vision for original research. The incumbent must be able to (1) develop an externally funded and internationally recognized research program; (2) supervise graduate students; (3) teach undergraduate and graduate classes in ME; (4) work across disciplinary boundaries; and (5) serve the department, College of Engineering, and the University. The successful candidate will be expected to combine experimental work with modeling based on fundamental principles, to show potential for significant impact on the profession, and to educate future leaders in their professional areas.

UTSA is located in San Antonio, Texas a vibrant city of more than 1.4 million people, with significant economic growth, numerous industrial establishments and excellent school districts. The city and the University provide excellent cultural and educational opportunities as well as exceptional employment opportunities. The University has about 30,000 students and is the third largest component in the University of Texas System. The Mechanical Engineering Department is housed within the College of Engineering and is ABET accredited with programs at the bachelors, masters and PhD levels. For more information, please visit the Department of Mechanical Engineering website at http://engineering.utsa.edu/me/

Review of applications will begin on October 15, 2015 and will continue until the position is filled. Applications received before October 15, 2015 will be considered fully. Applicants must submit the following materials in a single pdf file:

- Cover letter specifying interest in Advanced BioMaterials/Materials.
- List of at least three references with current e-mail address and telephone number,
- Statement of research interests
- Statement of teaching philosophy
- Curriculum vitae.

Application materials and inquiries may be sent to: ben.campos@utsa.edu

Applicants who are selected for interviews must be able to show proof that they will be eligible and qualified to work in the United States by the time of hire. The University of Texas at San Antonio is an Affirmative Action/ Equal Opportunity Employer and it is committed to diversity in its faculty and its educational programs. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.