Associate Professor and Center Director Position in Manufacturing

The Department of Mechanical Engineering in the College of Engineering at the University of Texas at San Antonio (UTSA) invites applications for a tenure-track Associate Professor position in manufacturing to be filled by August 2018. Qualified candidate will also serve as the Director of the Center for Advanced Manufacturing and Lean Systems (CAMLs) (http://camls.utsa.edu/) and will be provided laboratory space and equipment in the Manufacturing Systems and Automation (MSA) laboratory.

Candidates should have a Ph.D. in Manufacturing Engineering, Industrial Engineering, Systems Engineering, or Mechanical Engineering with strong emphasis in manufacturing. Applicants are sought in the areas of smart manufacturing including intelligent systems, artificial intelligence applications, and data analytics applications; digital manufacturing including 3D printing and additive manufacturing; cloud-based manufacturing; cyber security in manufacturing; and in broader sense of manufacturing including productivity, automation, economic impact, and industry engagement.

Expectations for this position include: (1) developing strong externally-funded and internationally recognized research programs; (2) creating a new vision for the Center for Advanced Manufacturing and Lean Systems; (3) supervising graduate students; (4) teaching graduate classes related to manufacturing and undergraduate classes in mechanical engineering; (5) working with others in transdisciplinary areas; (6) reaching out to industry and community to build partnerships.

UTSA is located in San Antonio, Texas, which is a vibrant city of more than 1.6 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 more than 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/mechanical/.

Under the new president Dr. Taylor Eighmy, UTSA is moving towards becoming a multicultural discovery enterprise, strongly integrated with its community as an urban serving institution and with strong global presence as a world-engaged university. For more, please visit https://www.utsa.edu/strategicplan/.

Review of applications will begin immediately and will continue until the position is filled. Candidates must apply through https://jobs.utsa.edu. The application package includes the following documents:

- Cover letter
- Statement of research interests and past accomplishments
- Statement of a new vision for CAMLS
- Statement of teaching philosophy and past accomplishments
- Curriculum vitae
- List of at least three references with current e-mail address and telephone number

Applicants selected for interview must be able to show proof that they will be eligible and qualified to work in the United States by the time of hire. UTSA 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 strongly encouraged to apply.