SMU | BOBBY B. LYLE SCHOOL OF ENGINEERING

# DEPARTMENT OF MECHANICAL ENGINEERING

## Assistant Professor Position No. 52632

SOUTHERN METHODIST UNIVERSITY, Department of Mechanical Engineering invites applications for a full-time tenure-track faculty position at the rank of assistant professor (Position No. 52632). We are seeking a highly qualified faculty member in the area of Solid Mechanics with particular focus on experimental and/or computational biomechanics, mechanobiology, and micro- and nano-mechanics to start August 2015. Candidates must have a Ph.D. degree in mechanical engineering or a closely related field, and will be expected to teach undergraduate and graduate courses, develop and sustain internationally recognized active research programs, and participate in multi-disciplinary research projects in the Lyle School and the university. Exceptionally qualified candidates may also be considered for a position at associate or full professor level.

With over 10,000 students, SMU is a leading private University located in the Dallas - Fort Worth Metroplex, a dynamic region with leading high-technology companies and research institutes in the aerospace, defense, energy, information technology, life sciences, semiconductors, telecommunications, transportation, and biomedical industries. Some of these companies and research institutions include Texas Instruments, Raytheon, Bell Helicopter, Lockheed-Martin, Turner Construction, Trinity Industries, Baylor Research Institute, and the University of Texas Southwestern Medical Center. Supercomputing facility at SMU currently has over 11,000 CPUs, and is capable of supporting large-scale modeling and simulations.

The Mechanical Engineering Department resides within the Lyle School of Engineering and offers B.S., M.S., and Ph.D. degrees in mechanical engineering. The ME Department is home to the Research Center for Advanced Manufacturing, the NSF Industry/University Cooperative Research Center for Lasers and Plasmas for Advanced Manufacturing. It is also the home of several other research laboratories in the areas of mechanics of materials; dynamics, systems and controls; biomedical instrumentation and robotics; porous materials applications; nanoscale electro-thermal sciences; opto-electronics packaging; laser micromachining; micro-optical sensor technology, bio-microfluidics; 3-D printing/additive manufacturing; and experimental fluid mechanics (**http://www.lyle.smu.edu/me/**).

Applications received by December 15, 2014 will be given full consideration, but the search committee will continue to accept applications until the position is filled. Curriculum vitae, statement of teaching and research plan, and a list of four references should be sent to Mechanics-Search@lyle.smu.edu. Hiring is contingent upon the satisfactory completion of a background check. **SMU will not discriminate in any employment practice, education program, or educational activity on the basis of race, color, religion, national origin, sex, age, disability, genetic information, or veteran status. SMU's commitment to equal opportunity includes nondiscrimination on the basis of sexual orientation and gender identity and expression. The Associate Vice President, Office of Institutional Access and Equity, has been designated to handle inquiries regarding the nondiscrimination policies.**