

Open Rank Faculty Positions Nos. 53364 and 52985  
Department of Mechanical Engineering  
Southern Methodist University

SOUTHERN METHODIST UNIVERSITY, Department of Mechanical Engineering invites applications for multiple open rank, full-time tenured/tenure-track faculty positions beginning in the Fall 2020 semester. We are seeking highly qualified faculty members in all areas of mechanical engineering, with particular interest in individuals with expertise in

- (a) Dynamics and Controls, including robotics and automation (soft and small-scale robotics, human interaction, autonomous systems, and manufacturing), and mechatronics;
- (b) Mechanics, including solid and computational mechanics with applications in the areas of smart materials, metamaterials, additive manufacturing, and cell and tissue biomechanics and engineering; and
- (c) Heat transfer, including energy conversion and transfer, transport in micro- and nano-structured materials, heat transfer in manufacturing processes, and bio-heat transfer.

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 research programs, and participate in multi-disciplinary research projects in the Lyle School and the university.

Applications received by October 30, 2019 will be given priority consideration. However, applications will be accepted until the positions are filled. Curriculum vitae, statements of teaching and research and a list of four references should be sent to [ME-Faculty-Search@lyle.smu.edu](mailto:ME-Faculty-Search@lyle.smu.edu). Please refer to position numbers 53364 and 52985 in all correspondence. Hiring is contingent upon the satisfactory completion of a background check.

With over 10,000 students, SMU is a leading private university located in Dallas and home to the Lyle School of Engineering. The Lyle School maintains a steadfast focus on using engineering to address important issues both at home and around the world, including activities through the Hunt Institute for Engineering and Humanity.

The Mechanical Engineering Department resides within the Lyle School and offers B.S., M.S., and Ph.D. degrees in Mechanical Engineering. Additional information about the department's research centers and laboratories can be found at <http://www.lyle.smu.edu/me/>. The department has a diverse student population, with approximately 30% female students at both the undergraduate and graduate levels. To learn more about the rich cultural environment at SMU, please visit <http://smu.edu>.

SMU is designated as a preferred employer in the Dallas/Fort Worth metroplex, one of the most prolific high-tech industrial centers in the country. The Dallas/Fort Worth metroplex is a multi-faceted business and engineering community, offering exceptional museums, diverse cultural attractions and a vibrant economy. Dallas' quality of life is exceptional with a relatively low cost of living, upscale apartments and homes within walking distance to the campus, the opportunity to live in the city or out in the country with a relatively short commute, and the availability of both mass transit systems and plentiful on-campus parking.

SMU will not discriminate in any program or activity on the basis of race, color, religion, national origin, sex, age, disability, genetic information, veteran status, sexual orientation, or gender identity and expression. The Executive Director for Access and Equity/Title IX Coordinator is designated to handle inquiries regarding nondiscrimination policies and may be reached at the Perkins Administration Building, Room 204, 6425 Boaz Lane, Dallas, TX 75205, 214-768-3601, [accessequity@smu.edu](mailto:accessequity@smu.edu).