

Faculty Position

Professor of Practice (Position Number #53513)

The Mechanical Engineering (ME) Department at Southern Methodist University (SMU) invites applications for a Professor of Practice position in support of its Research Center of Advanced Manufacturing (RCAM). This is a non-tenured and non-tenure-track research professor position. The faculty member will be engaged in daily activities of RCAM and be active in expanding the industrial support basis of the center. RCAM lies at the interface between science, engineering, and industrial practice. The center provides North Texas companies experimental, computational, and industrial opportunities for material processing and testing while interfacing with the scholarship and research of the students and faculty in the SMU Lyle School of Engineering. The center started operations in 1999, responding to the needs of companies involved in manufacturing engineering. Since its inception, RCAM has secured over \$20 million in governmental funding and industry contracts. More than 15 major industrial companies have collaborated with the center faculty, staff and students. Currently RCAM focuses on laser material processing and additive manufacturing of metals and alloys; flexible automotive manufacturing; and micro-machining of semi-conducting materials. The faculty member will be instrumental in expanding RCAM's capabilities and focus to advance its scientific mission, and at the same time, support the industrial needs of our nation. For more information about RCAM, please visit:

<https://www.smu.edu/Lyle/Academics/Departments/ME/Research/>

Eligible candidates for the position (i) must have a masters or PhD degree in mechanical engineering, or related field; (ii) they must have over 10 years of industrial experience in design, manufacturing and testing areas; and (iii) they must have the knowledge base for teaching undergraduate in design, CAD, manufacturing, and related areas. The target appointment date is January 2023. Review of applications will begin immediately. The application must be received by December 1, 2022 for full consideration, but the committee will continue to accept applications until the position is filled. Interested and qualified applicants should submit a cover letter, curriculum vitae, statement on teaching, a description of their vision for RCAM, and a list of at least three references via Interfolio at <http://apply.interfolio.com/115604>.

SMU is committed to achieving excellence through diversity. The university actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities. The committee will notify applicants of its employment decision after the position is filled. Hiring is contingent upon the satisfactory completion of a background check.

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.

About the Bobby B. Lyle School of Engineering

SMU's Bobby B. Lyle School of Engineering, founded in 1925, is one of the oldest engineering schools in the Southwest. The school offers eight undergraduate and 29 graduate programs, including master's and doctoral degrees, through the departments of Civil and Environmental Engineering; Computer Science; Electrical and Computer Engineering; Operations Research and Engineering Management; and Mechanical Engineering. Lyle students participate in programs in the unique Deason Innovation Gym, providing the tools and space to work on immersion design projects and competitions to accelerate leadership development and the framework for innovation; the Hart Center for Engineering Leadership, helping students develop nontechnical skills to prepare them for leadership in diverse technical fields; the Caruth Institute for Engineering Education, developing new methodologies for incorporating engineering education into K-12 schools; and the Hunter and Stephanie Hunt Institute for Engineering and Humanity, combining technological innovation with business expertise to address global poverty.

About SMU

Located near the center of Dallas, **SMU** is a private university of about 12,000 students offering strong undergraduate, graduate, and professional programs through seven schools – Dedman College of Humanities and Sciences, Cox School of Business, Meadow School of the Arts, Lyle School of Engineering, Perkins School of Theology, Dedman School of Law, and Simmons School of Education and Human Development. To learn more about the rich cultural environment of SMU, please see: www.smu.edu.