



TEXAS TECH
UNIVERSITY.

Chair, Mechanical Engineering Department

Texas Tech University invites applications and nominations for Chair of the Department of Mechanical Engineering in the Edward E. Whitacre College of Engineering. The college, under the leadership of Dean Al Sacco, Jr., is pursuing an aggressive fundraising campaign to become globally elite.

The Department of Mechanical Engineering ranks among the top U.S. programs in number of undergraduate mechanical engineering degrees awarded. In addition to the 350+ undergraduate degrees awarded in 2017-2018, the department awarded 15 PhD and 17 MS degrees. The Department currently has 942 undergraduate students, 111 graduate students, and 28 tenure track/tenured and research faculty. Faculty diversity is an area of strategic growth with roughly 21% of current tenure track and research faculty being women and minorities. In the past year, department faculty have served as PI/Co-PI on nearly 10 million dollars in externally sponsored research, of which nearly 75% were from federal sources. Departmental faculty publications have garnered roughly 53,000 lifetime Scopus citations and over 93,000 Google Scholar citations. Faculty are known for cited work on bio-inspired devices, computational mechanics, vortex dynamics, turbulence, microfluidics, nanoimprinting, physiological microstructure and translational nutrition, cardiovascular dynamics, nanomedicine, energetic and biological materials, and robust control methods. Department faculty recognitions and awards include membership in the US National Academy of Engineering and foreign Academies of Engineering and the Sciences, recognitions as Thomson-Reuters highly cited scholars, and receipt of PECASE, and Young Investigator DOD awards. For more information about the mechanical engineering department, please visit <http://www.depts.ttu.edu/me/>.

The ideal chair candidate will be a dynamic, visionary, goal-oriented and collaborative leader. The candidate will embrace and further the core commitments of the University's and College's missions and will actively promote academic pre-eminence in research, teaching and service in a diverse learning community. The candidate will have a demonstrated record of pre-eminent scholarship in the domains of research, teaching and service and be eligible for appointment as a tenured full professor. The candidate must show evidence of a deep commitment to serving diverse student populations, possess excellent interpersonal and management skills, and demonstrated leadership in a research-active learning community. A Ph.D. degree in mechanical engineering or a related field is required. Nominations and inquiries can be sent to Dr. Venky Shankar, head of the search committee, and chair of the department of civil, environmental and construction engineering: venky.shankar@ttu.edu. Review of

applications will start on November 15, 2018, and the search will continue until the position is filled. It is anticipated that the appointment will begin in the Fall of 2019.

To apply, please go to <http://www.texastech.edu/careers/faculty-positions.php> and search for Requisition ID 15622BR. Please upload (in PDF format) [1] a cover letter, [2] detailed curriculum vita, [3] a vision statement, and [4] a statement of research and teaching experience. Names, physical and email addresses, and telephone numbers of five references are required as part of the application. As an Equal Employment Opportunity/Affirmative Action employer, Texas Tech University is dedicated to the goal of building a culturally-diverse faculty committed to teaching and working in a multicultural environment. We actively encourage applications from all those who can contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community at Texas Tech University. Candidates who have very strong records of scholarship supported by extramural funding and who have the proven capacity or clear potential to bring externally sponsored research to Texas Tech University are encouraged to apply. Service duties include program-building, as well as commitment to extra-curricular activities. Service to the department, college, and university is expected. The university welcomes applications from minorities, women, veterans, persons with disabilities, and dual-career couples.