

Multiple Faculty Positions in the Department of Mechanical and Energy Engineering at the University of North Texas (all academic ranks)

The University of North Texas (UNT) invites applications for both senior and junior faculty positions in the **Department of Mechanical and Energy Engineering (MEE)**. Minimum qualifications include an earned doctorate in mechanical engineering or a closely related field. The candidate is expected to teach MEE undergraduate and graduate courses, develop a nationally and internationally recognized research program funded by extramural funding sources, support and mentor graduate students, and provide service to the University and the profession.

Candidates for a senior position are expected to have significant scholarly achievements as demonstrated by a publication and funded research record, to bring with them significant research activities with national and international standing, and to mentor junior faculty. For a junior faculty position, post-doctoral research experience or other academic/industrial research experience is desired. For a senior faculty position, industrial or technology transfer experience and interdisciplinary research credentials are desired.

MEE is particularly interested in candidates with strengths in the areas that are directly related to the mission of the department such as energy efficiency, renewable energy and sustainability, mechanics and materials for sustainable engineering, micro and nano devices and systems for energy storage and high energy efficiency, cost effective renewable energy systems, modeling and data analysis of sustainable building systems, sensors and system integration for sustainable energy, and energy efficiency modeling.

The University:

With about 36,000 students, UNT is the nation's 33rd largest university. As the largest, most comprehensive university in Dallas-Fort Worth, UNT drives the North Texas region. UNT offers 97 bachelor's, 88 master's and 40 doctoral degree programs, many nationally and internationally recognized. A student-focused public research university, UNT is the flagship of the UNT System. The University of North Texas (UNT) is strategically located in Denton, Texas which is 35 miles north of both Dallas and Fort Worth. The DFW area has more than six million people, with significant economic growth, numerous industrial establishments, and excellent school districts. UNT is investing heavily in its growth as a major public research university and a key goal in its 5-year strategic plan is to provide superior graduate education, scholarship and artistic endeavors on par with the nation's elite research universities. This hiring and expansion effort is an integral part of UNT's commitment to bolster transformational, integrative research and to address complex scientific, technological, environmental and societal problems through multidisciplinary collaboration and innovation. The UNT Mechanical and Energy Engineering (MEE) Department is located in the 550,000 square foot UNT College of Engineering Discovery Park building situated on 290 acres of land available for R&D enterprises. The College of Engineering was established in 2003 and currently houses five departments. The Mechanical and Energy Engineering (MEE) Department (<http://www.mee.unt.edu>) was established in 2006 and houses the PACCAR Technology Institute and a zero-energy research house (under construction). It offers programs at the bachelor's and master's levels, with a plan to offer a doctoral program in the near future.

To apply

All applicants must submit an online application to <http://facultyjobs.unt.edu>. Search for faculty positions under Mechanical and Energy Engineering. Review of applicants will begin immediately and continue until the search is closed. The application materials must include a cover letter including a statement of research and teaching interests, curriculum vitae with contact information, a list of three to five references (see the detailed application requirements online for each position) with e-mail addresses and telephone numbers. For further inquiries, please contact the Search Committee, at mee.search@unt.edu.

The University of North Texas is an AA/ADA/EOE committed to diversity in its educational programs.