Tenure-Track Faculty Position: Mechanical Engineering
School of Engineering
College of Engineering & Mathematical Sciences
The University of Vermont

The School of Engineering at the University of Vermont (UVM) invites applications for a tenure-track faculty position in Mechanical Engineering at the Assistant Professor level for a Fall 2013 start date. Candidates are expected to hold a baccalaureate degree in mechanical engineering and adoctorate in mechanical engineering, or a closely related engineering field.

The School is seeking outstanding individuals whose research focus lies in dynamical systems and/or sustainable energy systems. Examples of desired areas of expertise include, but are not limited to: robotics, autonomous vehicles and spacecraft, associated control systems and optimization, smart manufacturing, as well as energy harvesting and storage, alternative fuels, solar/wind energy, and biofuels. Applications from highly qualified candidates with research interests in other related areas are also welcomed. The new faculty member is expected to maintain an active program of externally-funded research and graduate student advising, and contribute broadly to undergraduate and graduate teaching within the mechanical engineering program.

Interdisciplinary research collaborations will be valued. UVM recently identified three “Spires of Excellence” (Complex Systems; Neuroscience, Behavior and Health; and Food Systems: http://www.uvm.edu/~tri/) for the university. Candidates whose research and scholarship align or intersect with any of these areas are especially encouraged to apply. Significant opportunities for collaboration also exist with other academic units across campus, including: Mathematics & Statistics, Computer Science, the College of Medicine, the Materials Science Program, the Bioengineering Program, the School of Business Administration, and the UVM Transportation Research Center. High-performance computing facilities are available to researchers within the Vermont Advanced Computing Center. In recent years, the School has seen significant growth in undergraduate and graduate student enrollment and research funding. The University is located in Burlington, Vermont, rated as one of the best small cities in America.

UVM is an Affirmative Action/Equal Opportunity employer and welcomes applications from women and underrepresented ethnic, racial and cultural groups and from people with disabilities. The School is committed to building a culturally diverse educational environment and is interested in candidates who can contribute to the diversity and excellence of the academic community through their research, teaching, and/or service. Applicants are requested to include in their cover letter information about how they will further this goal. The application package should include a cover letter, detailed curriculum vitae, the names and contact information of at least three references, a statement describing current/future research activities and directions, and a statement describing teaching interests and teaching philosophy. Applications must be submitted through the UVM website www.uvmjobs.com (Search position #00020156).

Screening of applications will begin on January 15, 2013 and continue until the position is filled.