

## **Tenure-Track Faculty Position in Computational Mechanics**

Department of Mechanical Engineering  
The University of Vermont (USA)

The Department of Mechanical Engineering at the University of Vermont invites applications for a tenure-track faculty position in Mechanical Engineering at the Assistant Professor level for a Fall 2019 start date. Candidates are expected to hold a baccalaureate degree and a doctorate in mechanical engineering or a closely related field.

The Department is seeking outstanding individuals whose research focus lies at the forefront of computational mechanics, applied broadly to solid and/or fluid systems at all scales. The new faculty member is expected to maintain an active program of externally-funded research and graduate student advising and contribute to undergraduate and graduate teaching within the mechanical engineering program, especially in the areas of computational mechanics and engineering.

In recent years, the Department has seen substantial growth in undergraduate and graduate student enrollment and research funding. The University values interdisciplinary research and innovative approaches to engineering education. Significant opportunities for interdisciplinary collaboration exist within the Department and with other academic units across campus. High-performance computing facilities are available to researchers within the Vermont Advanced Computing Core.

The University of Vermont is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status, or any other category legally protected by federal or state law. The University encourages applications from all individuals who will contribute to the diversity and excellence of the institution.

The University of Vermont, established in 1791, is a comprehensive research university with a current enrollment of 12,000+ undergraduate, graduate, and medical students. The scientific and academic environments throughout the university community are dynamic, highly collaborative, and multi-disciplinary. Significant campus resources for research collaboration include: Advanced Genome Technologies Core, Complex Systems Center, College of Medicine, Gund Institute of Environment, and Vermont Genetics Network.

The University is located in Burlington, Vermont (USA), about 90 miles south of Montreal. Burlington is often rated as the best small city in America for quality of living and features year-round outdoor recreation and cultural events. Greater Burlington has a population of approximately 150,000 and enjoys a panoramic setting on Lake Champlain, bordered by the Adirondack and Green Mountains.

Application materials (5 documents) must be submitted online at <http://www.uvmjobs.com>, position number 020156: (1) cover letter with names and contact information for at least three references (these must also be entered into the online application system), at least one of which can comment on teaching; (2) current curriculum vitae identifying specific areas of expertise; (3) a detailed statement of research interests; (4) a statement of teaching philosophy and interests; and (5) a diversity impact statement. Inquiries may be addressed to the Faculty Search Committee Chairperson at [medept@uvm.edu](mailto:medept@uvm.edu). Review of applications will begin **December 15, 2018** and continue until the position is filled.

Posting direct link: <https://www.uvmjobs.com/postings/32160>