

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

The School of Engineering at The University of Vermont is searching for a new Assistant, Associate, or Full Professor in support of a PhD track in Integrative Bioengineering & Computational Biology. The focus of this program will be on developing and using modern engineering approaches for describing, analyzing, and predicting the behavior of complex biological systems at multiple scales, and is designed to strengthen the connection between the College of Engineering and Mathematical Sciences and the College of Medicine. Emphasis will be placed on understanding how biochemical, biomechanical and/or other biophysical processes interact and influence emergent properties at different levels. The hire must therefore contribute to the College's initiative in complex systems analysis and engineering ([www.uvm.edu/complexsystems](http://www.uvm.edu/complexsystems)).

Qualifications for the position include an earned doctorate in an appropriate engineering specialty or a closely-related discipline, a proven record of scholarly activities, and the ability to teach a variety of graduate courses relevant to Integrative Bioengineering & Computational Biology, as well as contribute to teaching in the accredited undergraduate curricula in electrical, mechanical, civil and/or environmental engineering. Postdoctoral experience is desirable. Preference will be given to individuals with strong computational experience and a clear vision towards translational research. The hire would have an opportunity to request a secondary appointment in computer science, if appropriate. Successful candidates will be expected to make significant and balanced contributions to research and teaching, including the development of a nationally-respected and externally funded research program.

The College of Engineering and Mathematical Sciences is in a significant growth mode, and the new faculty member is expected to be instrumental in this process. Founded in 1791, the University of Vermont is considered a public ivy and is consistently ranked as one of the top public universities in the United States. The University is located in Burlington, Vermont, often rated as the best small city in America, and enjoys a panoramic setting on the shores of Lake Champlain bordered by the Adirondack and Green Mountains. Roughly 150,000 people, from increasingly diverse cultural backgrounds, live in the greater Burlington area. There are ample opportunities for interactions with local industries. The University is especially 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.

Qualified applicants are encouraged to apply online at [www.uvmjobs.com](http://www.uvmjobs.com) (Search JOB #032082). Alternatively, candidates may send a letter identifying their specific area of expertise, a current curriculum vitae, names and addresses of three references, and a detailed statement of teaching and research interests to:

Chair, Bioengineering Faculty Search Committee  
School of Engineering  
The University of Vermont  
33 Colchester Ave.  
301 Votey Building  
Burlington, VT 05405-0156

Review of applications will commence on **November 15, 2007**, and continue until the position is filled.