

### **Three Tenure-track Assistant or Associate Professor Positions**

The Department of Biomedical Engineering and Mechanics (BEAM) at Virginia Tech invites applications for three tenure-track positions in the area of biomechanics at the rank of Assistant or Associate Professor. The successful candidates will initiate and maintain active research programs and contribute to the educational mission of the department at both the undergraduate and graduate levels. We seek candidates with research in biomechanics (from molecular to organismal scales) or mechanics with an emphasis on biological systems. Candidates whose research uses experimental, computational, or analytical approaches are encouraged. One position is specifically to lead the Kevin P. Granata Biomechanics Laboratory. Opportunities exist for all candidates to interact with the Virginia Tech Transportation Institute (VTTI).

BEAM is a highly interdisciplinary and multidisciplinary department, and our faculty members have broad scholarly interests that span engineering, science, and mathematics. It offers BS, MS, PhD degrees both in biomedical engineering and in engineering science and mechanics, and currently has 40 tenure-track faculty members and nearly 200 graduate students. Its faculty has strong connections to the School of Biomedical Engineering and Sciences (SBES), a multi-disciplinary, multi-institutional program that bridges engineering, science, and medicine. The School combines and leverages the strengths of Virginia Tech's College of Engineering, the Wake Forest School of Medicine, the Virginia-Maryland Regional College of Veterinary Medicine, and the new Virginia Tech Carilion School of Medicine and Research Institute to produce an environment that fosters outstanding interdisciplinary research and education, offering MS, MD/PhD, and DVM/PhD graduate-level degrees. Further information about BEAM, partner programs, and Blacksburg can also be found at the BEAM homepage ([www.beam.vt.edu](http://www.beam.vt.edu)).

Candidates must hold a doctorate in a relevant scientific or engineering field, have a record of excellent scholarship, and be motivated to make major contributions according to a visionary research and education plan. Applications must be submitted online to <http://jobs.vt.edu> using posting number TR0140098 and must include a cover letter, curriculum vitae, contact information for at least three professional references, and a statement (limited to three pages) describing research and education interests. Also, up to three representative papers can be enclosed in PDF format. Screening will begin on November 1, 2014 and will continue until the position is filled.

Established in 1872 as a land-grant college, Virginia Tech is a comprehensive research university with more than 30,000 students. The Virginia Tech College of Engineering is consistently ranked among the nation's top 20 U.S. engineering schools. Blacksburg is consistently ranked among the country's best places to live. It is a scenic and vibrant community nestled in the New River Valley between the Alleghany and Blue Ridge Mountains. The town is near national forests, state parks, and other regional attractions of Southwest Virginia, renowned for their history and natural beauty.

Virginia Tech has a strong commitment to the principles of diversity, inclusion, and to maintaining a work and learning environment that is free of all forms of discrimination. It is the recipient of a National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of women in academic science and engineering careers and is an Equal Opportunity/Affirmative Action Institution. In addition, Virginia Tech responds to the needs of dual career couples and has a variety of policies in place to provide flexibility for faculty careers.

Inquiries about the position should be directed to the chair of the search committee: Associate Professor Jake Socha, [jjsocha@vt.edu](mailto:jjsocha@vt.edu). Individuals with disabilities desiring accommodations in the application process should notify Ms. Pamela Stiff, 540-231-8191, [pamstiff@vt.edu](mailto:pamstiff@vt.edu).