

Assistant Professor

The Virginia Tech-Wake Forest University School of Biomedical Engineering and Sciences invites applications for the position of tenure-track Assistant Professor. The successful candidate will initiate and maintain an active research program and contribute to the educational mission of the Department at both the undergraduate and graduate levels. We are seeking applicants in the broad field of biomechanics including sports biomechanics and concussion research.

The position will be located on the Virginia Tech campus of the School of Biomedical Engineering and Sciences (SBES) in Blacksburg, Virginia. The SBES is a multi-disciplinary, multi-institutional program that bridges engineering, science, and medicine. The program 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 to produce an environment that fosters outstanding interdisciplinary research and education.

The SBES offers MS, PhD, MD/PhD, and DVM/PhD graduate degree programs. The diplomas carry the seals of both Virginia Tech and Wake Forest University. The School has grown rapidly since its inception in 2003. The SBES currently has 78 tenure track faculty (25 primary and 53 joint) and over 200 graduate students involved in biomedical engineering and sciences research. In October 2008, the SBES moved into the new Institute for Critical Technology and Applied Science building on the Blacksburg campus where it occupies 80,000 sq. ft. of laboratory space designed specifically for cutting edge biomedical research. Our externally funded research expenditures have grown to approximately \$55 million last year with \$20 million coming from our primary faculty.

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. Wake Forest University was founded in 1834 and is a private comprehensive research university with 6,800 students, dedicated to the pursuit of excellence in the liberal arts and in graduate and professional education. The Wake Forest University School of Medicine is ranked among the best medical schools in the United States.

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.

Candidates must hold a doctorate in Biomedical Engineering or a related engineering field, have a record of excellent scholarship in biomedical engineering, and be motivated to make major contributions according to a visionary plan. 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. Virginia Tech is an Equal Opportunity/Affirmative Action Institution.

Applications must be submitted online to <http://jobs.vt.edu> using posting number TR0130116. Applications must include a cover letter, curriculum vitae, contact information for at least three professional references, and a statement (limited to three pages) that describes research and educational interests. Also, three representative papers can be enclosed in the PDF format.

Further information about the SBES, the partner universities, and Blacksburg can also be found at this site or the SBES homepage (www.sbes.vt.edu). Applicant screening will begin on December 1, 2013 and continue until the position is filled. Inquiries about the position or from individuals desiring accommodations in the application process should be directed to the Chair of the search committee: Professor Clay Gabler, School of Biomedical Engineering and Sciences, MC 0298, Blacksburg, VA 24061.