Department of Mechanical Engineering Faculty Positions

The Department of Mechanical Engineering at Virginia Tech invites applications for four faculty positions: two in the area of Mechanical Systems and two in the area of Fluid Dynamics and Thermal Sciences. The positions could be at Assistant, Associate, or Full Professor levels. Exceptional candidates will be considered for named professorships.

One of the Mechanical Systems positions is targeted at research related to Virginia Tech’s Center for Intelligent Material Systems and Structures (CIMSS), which may include the Center directorship, and the Center for Energy Harvesting Materials and Systems (CEHMS). For the second position, we welcome research expertise in the modeling, analysis, control, dynamics, or diagnostics of mechanical systems in emerging, multi-disciplinary systems as well as traditional applications.

For the Fluid Dynamics and Thermal Sciences positions, this is a broad search with research areas of interest that include fundamental and applied studies using experimental, theoretical, or computational approaches. In addition to applicants from traditional areas of mechanical engineering, we are interested in applicants with an interdisciplinary background in emerging areas who can interact with the diverse research occurring in Mechanical Engineering as well as other Virginia Tech departments such as Aerospace and Ocean Engineering and Engineering Science and Mechanics.

Blacksburg is located in the Blue Ridge Mountains and is widely recognized by national rankings as a vibrant and desirable community with affordable living, world-class outdoor recreation, an active arts community, and a diverse international population. The Department of Mechanical Engineering has over 50 faculty, research expenditures in excess of $18M, and a current enrollment of over 140 doctoral, 115 masters, and 1050 undergraduate students. The graduate program is ranked 17th and the undergraduate program is ranked 14th according to U.S. News & World Report (2013).

Applicants must hold a doctoral degree in engineering or a closely related discipline. We are seeking highly qualified candidates committed to a career in research and teaching. The successful candidate will be responsible for mentoring graduate and undergraduate students, teaching courses at the undergraduate and graduate levels, and developing an internationally recognized research program. Candidates should apply online at www.jobs.vt.edu to posting number TR0130140 for the Mechanical Systems positions and to posting number TR0130141 for the Fluid Dynamics and Thermal Sciences positions. Applicants should submit a cover letter, a curriculum vitae including a list of published journal articles, a one-page research statement and the names of five references that the search committee may contact. Review of applications for all positions will begin on December 10, 2013 and will continue until the position is filled.

Virginia Tech is committed to diversity and seeks a broad spectrum of candidates including women, minorities, and people with disabilities. Virginia Tech is a recipient of the National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of women in academic science and engineering careers (http://www.advance.vt.edu).

For assistance submitting the application please contact Ms. Brandy McCoy (brandy07@vt.edu), (540) 231-6661. General inquiries about the positions should be addressed to the search committee chairs: Prof. Corina Sandu (csandu@vt.edu) for Mechanical Systems and Prof. Mark Paul (mrp@vt.edu) for Fluid Dynamics and Thermal Sciences.