Department of Mechanical Engineering Faculty Position: Energy

The Department of Mechanical Engineering at Virginia Tech invites applications for a tenured/tenure-track faculty position in the areas of Sustainable Energy and Energy Harvesting, at the rank of Assistant or Associate Professor level. Applicants are sought in the broad research area of sustainable/renewable/alternative energy, energy harvesting, energy storage, energy/water nexus, electrochemical systems, or other emerging research related with energy and energy system integration that synergistically strengthens current departmental research and teaching activities. (Candidates in the areas of combustion (thermal/fluid) and nuclear energy should submit their applications directly to other two open positions TR0150154 and TR0150152 in the department.) Candidates applying for the tenured position must have distinguished research records with significant extramural funding and scholarship.

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 which includes a Nuclear Engineering Program, has 57 faculty, research expenditures in excess of $15M, and a current enrollment of over 180 doctoral, 160 masters, and over 1100 undergraduate students. The Department is ranked 15th and 16th out of all mechanical engineering departments in the nation in undergraduate and graduate education, respectively, by the 2015 U.S. News and World Report. The Department includes several research centers and its faculty members are engaged in diverse multidisciplinary research activities. The mechanical engineering faculty also benefit from a number of university-wide institutes such as the Institute for Critical Technology and Applied Science (ICTAS, www.ictas.vt.edu/), College and departmental level centers such as the NSF I/U CRC Center for Energy Harvesting Materials and System (CEHMS, http://www.me.vt.edu/cehms/)

Applicants must hold a doctoral degree in mechanical 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 TR0150155 for the Energy position. Applicants should submit a cover letter, a curriculum vitae including a list of published journal articles, a one-page research statement, a brief statement on teaching preferences, and the names of five references that the search committee may contact.

Review of applications for all positions will begin on December 10, 2015 and will continue until the positions are filled. Applications received by December 10, 2015 will be considered fully.

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 (www.advance.vt.edu).

For assistance submitting the application please contact Ms. Lauren Mills (millsls@vt.edu), (540) 231-8355. General inquiries about the positions should be addressed to the search committee chair: Prof. Lei Zuo (leizuo@vt.edu).