

Faculty Position in Aerospace and Ocean Engineering

Aerospace and Ocean Engineering Virginia Polytechnic Institute and State University

The Department of Aerospace and Ocean Engineering requests applications for a tenure-track faculty position in any of the areas relevant to aerospace and ocean engineering. Areas of specific interest for the department include, but are not limited to, novel structural concepts and material systems, multi-disciplinary design and optimization of vehicles, ship power and propulsion systems, naval architecture, high speed ship hydrodynamics, experimental and computational gas dynamics, aero/hydro-acoustics, flow control, applied celestial mechanics, control of/over vehicle networks, advanced sensing and instrumentation, and human-machine interaction. AOE faculty is active in a number of interdisciplinary research centers and groups, including the Virginia Center for Autonomous Systems (www.unmanned.vt.edu) and the Space Science Research Group. In addition to the extensive computational resources available, the AOE department is home to world-class experimental facilities including high-speed and low-speed wind tunnels and extensive flow diagnostic instrumentation and is developing advanced structures and materials testing facilities.

Applicants must hold an earned doctorate in Aerospace or Ocean Engineering or a closely related field, and will be expected to develop a significant externally funded research program. While it is expected that the position will be filled at the assistant professor rank, persons nationally recognized for their work in the field may be considered for a more senior position. Responsibilities will include teaching at both the undergraduate and graduate levels, directing graduate students, and establishing a research program.

Virginia Tech, the land-grant University of the Commonwealth, is located in Blacksburg, adjacent to the scenic Blue Ridge Mountains. The University has a total student enrollment of 25,000, with approximately 7,250 students in the College of Engineering. Additional information about the department can be found at www.aoe.vt.edu. Additional information about Blacksburg, Virginia can be found at www.bev.net. Information on resources for prospective faculty can be found at www.provost.vt.edu/Resources.html.

Review of applications will begin on February 1st, 2008 and will continue until the position is filled. Interested persons should apply on the internet at <http://jobs.vt.edu> (posting number 071161) along with a cover letter, current curriculum vita and the names and addresses of three references. All enquiries can be sent to:

Prof. Naira Hovakimyan (nhovakim@vt.edu), Chair, AOE Faculty Search Committee, Aerospace and Ocean Engineering, Virginia Tech, 215 Randolph Hall, Blacksburg, VA 24061-0203.

Virginia Tech 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 has a strong commitment to the principle of diversity and, in that spirit, seeks a broad spectrum of candidates including women, minorities, and people with disabilities. Individuals with disabilities desiring accommodations in the application process should notify Mrs. Wanda Foushee at (540) 231-6611.