Faculty Position in Aero/Hydro Acoustics
Virginia Polytechnic Institute and State University

The Department of Aerospace and Ocean Engineering requests applications for a tenure-track faculty position in Aerospace and Ocean Engineering at the level of assistant professor. Candidates are sought with expertise and research interests in Aero/Hydro Acoustics of Manned and Unmanned Aerospace and Marine Vehicles, and Renewable Energy Systems. Specific areas include, but are not limited to, flow generated noise, noise transmission, structural acoustics, aero/hydro acoustic control, and acoustic tailoring in aero/hydro applications.

The successful applicant will have an opportunity to participate in a number of multidisciplinary programs, including the Center for Renewable Energy and Aerodynamic Testing (www.create.centers.vt.edu), the Virginia Center for Autonomous Systems (www.unmanned.vt.edu) and the Virginia Tech Naval Engineering Program, affiliated with the Naval Engineering Education Consortium (www.aoe.vt.edu/multidisciplinary/neec/index-neec.html). In addition to extensive computational resources (www.arc.vt.edu/resources), faculty in the AOE department (www.aoe.vt.edu) have access to world-class experimental facilities and instrumentation including wind and water tunnels. In particular the successful candidate will have opportunities to work with the Virginia Tech Stability Wind Tunnel - an internationally renowned large-scale aeroacoustic flow facility with active programs in renewable energy and vehicle systems.

Applicants must hold an earned doctorate in aerospace engineering, ocean engineering, mechanical engineering or a closely related field. Responsibilities will include establishing an internationally recognized externally funded research program, directing graduate students, and teaching at both the undergraduate and graduate level in our Aerospace and Ocean Engineering programs. Information on resources for prospective faculty can be found at www.provost.vt.edu.

Virginia Tech, the land-grant University of the Commonwealth, is located in Blacksburg, adjacent to the scenic Blue Ridge Mountains. Blacksburg is consistently ranked among the country’s best places to live (http://www.vt.edu/student_life/blacksburg.html). It is a scenic and vibrant community nestled in the New River Valley between the Alleghany and Blue Ridge Mountains. The town is near to state parks, trails, and other regional attractions of Southwest Virginia, renowned for their history and natural beauty. The University has a total student enrollment of 31,000, with 9,000 students in the College of Engineering.

Review of applications will begin on January 4th, 2015 and will continue until the position is filled. Interested persons should apply on the Internet at jobs.vt.edu (posting number TR0140089) along with a cover letter, current curriculum vita and the names and addresses of three references. All inquiries can be sent to: Prof. William Devenport (devenport@vt.edu, 540 231 4456), Chair, Aero/Hydroacoustics Faculty Search Committee, Aerospace and Ocean Engineering (MC0119), Virginia Tech, 660 McBryde Hall, 225 Stanger Street, Blacksburg, VA 24061.

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. The University responds to the needs of dual career couples and has a variety of policies in place to provide flexibility for faculty 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 Ms. Amy Burchett at (540) 231-9057.