Assistant or Associate Professor in Structural Engineering

The Charles E. Via, Jr. Department of Civil and Environmental Engineering (CEE) at Virginia Tech invites applications for a tenure-track faculty position in structural engineering effective August 2016. The position is anticipated to be filled at the rank of assistant professor; however associate professor level appointments may be considered for outstanding candidates. A Ph.D. degree in Civil Engineering or a closely aligned field is required. Registration as a Professional Engineer (PE) or completion of the FE examination with plans to pursue PE registration, and professional experience are desirable.

The successful candidate will contribute to the Department's Structural Engineering and Materials (SEM) Program and demonstrate enthusiasm for collaborative and interdisciplinary research. Candidates should demonstrate a strong commitment to undergraduate instruction, specialized graduate education, sponsored research, and scholarly work. The CEE Department is comprised of 55 faculty members, with approximately 350 full-time graduate students and 550 undergraduate students. The Via Endowment allows the Department to offer a significant number of scholarships and fellowships to highly qualified students.

Candidates for this position should have research expertise and/or design experience in the broad areas of civil infrastructure materials and design. The new faculty member should possess core strength in behavior and design of concrete structures, steel-concrete composite structures and/or new and high performance materials. Expertise in complementary areas such as infrastructure resiliency, advanced sensing and visualization techniques, multi-scale modelling and advanced computing, wind engineering, extreme load and multi-hazard effects and structural mechanics will be highly desirable. Candidates are expected to develop strong collaborative and multi-disciplinary research programs and contribute to teaching in the structural design and materials areas at both the undergraduate and graduate level. Applicants with core strengths in resilient, durable, and sustainable systems are preferred to support ongoing cross-disciplinary collaboration through the Institute for Critical Technology and Applied Science (http://www.ictas.vt.edu/). Excellent research facilities are available through the Murray Structural Engineering Laboratory (http://www.cee.vt.edu/sem/facilitiesa) and the Advanced Research Computing Center (http://www.arc.vt.edu/).

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. Virginia Tech is an Equal Opportunity/Affirmative Action employer. The CEE Department strongly supports the Virginia Tech Principles of Community. Information about the CEE Department is available at www.cee.vt.edu.

Applicants must provide a cover letter, contact information for three professional references, a candidate statement discussing teaching, research, and professional goals, and a current CV. Those wishing further information about the search process may contact Dr. Carin Roberts-Wollmann, Faculty Search Committee Chair, The Charles E. Via, Jr. Department of Civil and Environmental Engineering, 200 Patton Hall, 750 Drillfield Dr, Virginia Tech, Blacksburg, VA 24061 or at wollmann@vt.edu. Review of applications will begin October 1, 2015 and continue until the position is filled.

Applicants are required to apply online at www.hr.vt.edu/employment and should use posting number TR0150090.