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 2017. The position is anticipated to be filled at the rank of assistant or associate professor. 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. Virginia Tech is developing Destination Areas to support faculty who transcend disciplinary boundaries to tackle difficult problems of national and global importance. Candidates should demonstrate a strong commitment to undergraduate instruction, specialized graduate education, sponsored research, and scholarly work. The CEE Department is comprised of 59 faculty members, with approximately 330 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 possess core strength in behavior and design of reinforced and prestressed concrete structures with expertise in complementary areas such as infrastructure resiliency, advanced sensing and visualization techniques, data mining, fluid-structure interaction and wind engineering. 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. 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 15, 2016 and continue until the position is filled.

Applicants are required to apply online at www.jobs.vt.edu and should use posting number TR0160111.