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 2015. 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 but not required.

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 600 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 will ideally possess core strength in building or bridge design with particular emphasis on steel and renewable material behavior. Expertise in complementary areas such as high-end computing methods for structural analysis, data analytics and visualization, reliability and probability and/or advanced sensing techniques, will be highly desirable as these areas have been identified as cross-cutting needs for collaboration across the range of SEM, CEE and COE research endeavors. Core strength in design of steel and sustainable structures will further enable these fundamental components of engineering to remain strong at Virginia Tech. Candidates are expected to develop strong research programs and contribute to teaching in the structural design areas. Excellent research facilities are available through the Murray Structural Engineering Laboratory and the Advanced Research Computing Center.

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](http://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. Tommy Cousins, Faculty Search Committee Chair, The Charles E. Via, Jr. Department of Civil and Environmental Engineering, 750 Drillfield Dr, Virginia Tech, Blacksburg, VA 24061 or at tcousins@vt.edu. Review of applications will begin October 15, 2014.

Applicants are required to apply online at [www.hr.vt.edu/employment](http://www.hr.vt.edu/employment) and should use posting number TR0140096.