



Tenure-Track Faculty Position – Vecellio Construction Engineering and Management Program

The Charles E. Via, Jr. Department of Civil and Environmental Engineering (CEE) at Virginia Tech invites applications for a tenured faculty position in construction engineering and management at the rank of Associate or Full Professor effective August 2022. This position can be located in either Blacksburg, VA or in the Greater Washington D.C. metro area. We seek applicants with emerging or established leadership experience who pursue transdisciplinary research in smart construction and intelligent infrastructure. All areas of high impact research are of interest with priority for advanced technologies and data analytics in the built environment, sustainable and resilient infrastructure/communities, and collaboration in project organizations/delivery. This position is part of a coordinated team hiring effort that spans multiple departments across the College of Engineering for a new initiative focused on future manufacturing and construction engineering. Of particular interest are candidates with expertise that can integrate strongly with and can provide leadership to a well-established interdisciplinary team of faculty focused on research at the convergence of Industry 4.0 technologies. The successful candidate will be considered for the Vecellio Professorship in Construction Engineering and Management.

The department has 53 faculty, and a current enrollment of 320 graduate students and 700 undergraduate students. The department ranks 10th and 9th in undergraduate and graduate education, respectively, among all U.S. civil and environmental engineering departments (USN&WR). With classroom and lab facilities in Blacksburg, Virginia and in the Greater Washington D.C. metro area, the department is one of the largest civil and environmental engineering programs in the U.S.

Virginia Tech is a public land-grant university, committed to teaching and learning, research, and outreach to the Commonwealth of Virginia, the nation, and the world. Building on its motto of *Ut Prosim* (That I May Serve), Virginia Tech is dedicated to InclusiveVT—serving in the spirit of community, diversity, and excellence. Virginia Tech actively seeks a broad spectrum of candidates to join our community in preparing leaders for the world. The mission of the College of Engineering, whose undergraduate program ranks 13th and graduate program ranks 31st among all U.S. engineering schools (USN&WR), is to educate and inspire our students to be critical thinkers, innovators and leaders. Our core values are inclusiveness, excellence, integrity, perseverance and stewardship.

Blacksburg, Virginia and the surrounding areas, are consistently ranked among the country's best places to live. Our program in the Washington, D.C. area offers unique proximity to government and industry partners and is also expanding rapidly, with Virginia Tech's exciting new Innovation Campus in Alexandria, VA, slated to open in 2024.

The CEE Vecellio Construction Engineering and Management Program (VCEMP) has excellent facilities to support faculty and students in research, education, and outreach initiatives. The VCEMP Vecellio Endowment provides funding for undergraduate scholarships, graduate fellowships, an annual distinguished lecture series, and the named Vecellio professorship. The Via Endowment allows the CEE department to offer a significant amount of scholarships and fellowships to qualified students.

The successful candidate will have a Ph.D. degree in Civil Engineering or a closely aligned field with significant experience in construction engineering and management as an application space. We are seeking candidates with a strong record of academic accomplishments and a proven ability to work collaboratively; experience with and commitment to interdisciplinary research and instruction, and a willingness to expand disciplinary boundaries to address complex technical and societal challenges. The successful candidate will contribute to instructional, research, and service activities of the VCEMP program. Candidates should demonstrate a strong commitment to scholarly work, sponsored research, mentoring students, undergraduate instruction, and specialized graduate education, including teaching practice-oriented courses. Registration as a Professional Engineer (PE) is desirable but not required. The successful candidate will be required to have a criminal conviction check as well as documentation of COVID-19 vaccination or receive approval from the university for a vaccination exemption due to a medical condition or sincerely held religious belief.



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Applicants must apply online at jobs.vt.edu (job number 517832): application materials include a cover letter, curriculum vitae, a statement discussing teaching, research, and professional goals, a statement on contributions to advancing diversity, equity and inclusion, and contact information for at least three references. Review of applications will commence on November 8, 2021 and continue until the position is filled. Questions regarding the position should be directed to the search committee chair, Dr. Michael Garvin (garvin@vt.edu; 540-231-7255).

The department fully embraces Virginia Tech's commitment to increase faculty, staff, and student diversity; to ensure a welcoming, affirming, safe, and accessible campus climate; to advance our research, teaching, and service mission through inclusive excellence; and to promote sustainable transformation through institutionalized structures. Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, sex (including pregnancy), gender, gender identity, gender expression, genetic information, national origin, political affiliation, race, religion, sexual orientation, or veteran status, or otherwise discriminate against employees or applicants who inquire about, discuss, or disclose their compensation or the compensation of other employees or applicants, or on any other basis protected by law. If you are an individual with a disability and need an accommodation, please contact Rachel Atwell at raesquivel@vt.edu at least 10 days prior to the event.