Villanova University, Department of Civil and Environmental Engineering

Tenure-track faculty position in Transportation Engineering

Villanova University's Department of Civil and Environmental Engineering (CEE) seeks candidates for a full-time tenure-track position in transportation engineering starting in the spring or fall 2022 semester. The Department is looking for a faculty member with expertise in smart transportation systems and closely related fields. Specific topics of interest include but are not limited to: smart mobility; human factors; autonomous and connected systems; data analytics; resilient infrastructure design; and risk and reliability of engineered systems. The position is at the rank of Assistant or Associate Professor as determined by the qualifications of the candidate

Villanova is a Catholic university sponsored by the Augustinian order. Diversity and inclusion have been and will continue to be an integral component of Villanova University's mission. The University is an Equal Opportunity/Affirmative Action employer and seeks candidates who understand, respect and can contribute to the University's mission and values. From its founding in 1842 to its position today as a nationally recognized university, Villanova University has forged a path of academic excellence. The University is strongly rooted in a sense of community, and the CEE Department and College of Engineering are deeply committed to work-life balance and providing family-friendly programs for our faculty.

The CEE Department within the College of Engineering is recognized as a leader in providing a distinctive broad-based civil engineering education, grounded in Augustinian Catholic values and a commitment to service. The College strives to be widely acknowledged as a premier program known for our outstanding pedagogy and curricula, international opportunities, personal attention to students at both the undergraduate and graduate levels and a commitment to enhancing diversity and inclusion. The CEE Department has 19 full-time faculty members (13 tenure-track faculty and 6 teaching faculty), including 9 female faculty. There are approximately 220 undergraduate students and 125 graduate students enrolled in the B.S. (Civil Engineering), M.S. (both Civil Engineering and Water Resources/Environmental Engineering), and Ph.D. (Engineering) degree programs.

The CEE Department is highly committed to research and the pursuit of scholarship. Department faculty annually produce approximately $2M in research expenditures and collectively publish about 20 papers in refereed journals and another 20 in refereed conference proceedings and other venues each year. Scholarship is performed in a highly collaborative environment. CEE Faculty has multiple collaborations with departments and units across campus, including interdisciplinary efforts in the College of Nursing, the Department of Geography and Environment, and all departments within the College of Engineering. The CEE Department and College of Engineering have built excellent infrastructure to support scholarship, and laboratory facilities such as the Transportation Simulation Laboratory and GIS Laboratory are available for multi- and cross-disciplinary work.

The candidate will be expected to develop a sustainable research program, mentor undergraduate and graduate students, teach and develop undergraduate and graduate courses, and engage in impactful service. Candidates must possess a Ph.D. in Civil Engineering or a closely aligned discipline (must be completed at the time of hire).

Applications must be completed online at https://jobs.villanova.edu/postings/21147. Application packages must include curriculum vitae; academic transcripts; statements on teaching philosophy, and research interests (specifically detailing how these interests will align with and can potentially complement and enhance our existing research strengths); and the names and contact information of three references. Review of applications will begin in September 2021 and continue until the position is filled.