

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 fall 2023 semester. The Department is looking for a highly qualified and energetic individual who will complement and strengthen our outstanding faculty. Candidates with expertise in the areas of: human factors; autonomous and connected systems; resilient infrastructure design; traffic/transportation safety; risk and reliability of engineered systems; smart mobility; and data analytics are highly encouraged to apply. 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 for 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 18 full-time faculty members (13 tenure-track faculty and 5 teaching faculty), including 7 female faculty. There are approximately 230 undergraduate students and 125 graduate students enrolled in the B.S., M.S. (both Civil Engineering and Water Resources/Environmental Engineering), and Ph.D. degree programs.

The CEE Department is highly committed to research and the pursuit of scholarship. Department faculty annually produce over \$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 have 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 College of Engineering is also expanding its footprint on campus with a 150,000 square foot addition to the primary engineering building, the Center for Engineering Education and Research. This expansion will allow space for the continued growth of the college by providing abundant graduate student offices and laboratory facilities, in addition to state of the art classrooms and collaborative learning spaces.

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/24492>. 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 on November 1st 2022 and continue until the position is filled.