



Open-Rank Tenured/Tenure-Track Faculty Positions in Civil and Environmental Engineering at Rowan University

The Department of Civil and Environmental Engineering of the Henry M. Rowan College of Engineering at Rowan University invites applicants for **tenure-track or tenured positions** at the assistant, associate, or full professor levels. Senior level candidates with exceptional achievements and demonstrated impact will have the opportunity to be considered for the **Henry M. Rowan (HMR) College of Engineering Foundation Professorship**. We house two major research centers a) [CREATES](#) (Center for Research and Education in Advanced Transportation Engineering Systems) and the [Sustainable Facilities Center](#) and have a thriving research community with a growing graduate program.

The successful candidates must hold a doctoral degree or foreign degree equivalent in civil or environmental engineering; have an established record of high-quality research, and have a commitment to teaching and diversity and inclusion. Additionally, the HMR candidate will have attained national and international visibility with strong leadership skills and possess outstanding academic and scholarship credentials. All faculty will perform research as well as teach undergraduate and graduate courses in the ABET-accredited Civil and Environmental Engineering curricula. Candidates possessing professional engineering registration or the ability to obtain it will be considered favorably. The successful candidates are expected to contribute to the development of academic and research programs and make outstanding contributions to the research community. We are seeking exceptional candidates in all core areas of civil engineering, such as Structural, Environmental, Water Resources, Transportation, and Geotechnical engineering. Two areas that the department is interested in expanding its research profile include:

- 1) Water resources engineering with a focus on coastal resiliency. We seek candidates with expertise and interest in interdisciplinary research that contributes to enhancing the resilience of urban communities and infrastructure systems to the impacts of coastal natural hazards and climate change. Areas of interest include, but are not limited to: urban hydrology, urban/regional water resources management, watershed modeling, urban flood analysis, coastal hydrodynamics, and computational fluid dynamics; modeling of natural hazards,

infrastructure systems, risk and resilience assessment in coastal settings; and remote sensing in a coastal engineering context

2) Environmental engineering with a focus on water/wastewater treatment and reuse. We have a state-of-the-art environmental engineering laboratory with standard equipment for pollutant measurement. Areas of interest include, but are not limited to, physical-chemical processes; contaminant fate and transport; food-energy-water nexus; environmental health; sustainable development and microbial ecology in engineered systems.

Candidates must demonstrate excellent communication skills and a strong commitment to excellence in teaching, research, and student mentoring. The successful candidate is expected to develop and maintain a strongly-funded research program and collaborate, as needed, with multi-disciplinary groups of faculty and professionals, including personnel at the South Jersey Technology Park, other campus centers, and our medical colleges.

A national leader in engineering education, the Henry M. Rowan College of Engineering was founded in 1995 and quickly gained national recognition for its innovative multidisciplinary, project-based approach to engineering education. In 2013, the State of New Jersey designated Rowan University a comprehensive research university, and in 2017 our University was recognized as a Carnegie-classified research institution. During that period, Rowan Engineering doubled both its full-time faculty and student population and started the engineering PhD programs. In 2017, we opened the doors of Engineering Hall and completed a full renovation of our original home, Rowan Hall. These projects tripled our available space and provided the College with state-of-the-art research and teaching facilities. We currently enroll over 1,800 undergraduate and graduate students in six departments and are home to four research centers. Rowan has been recognized as one of the top 100 public universities in the nation. Rowan University is proud to be an ADVANCE institution that has received funding from the National Science Foundation to promote equity for STEM faculty

The main campus is located in Glassboro, N.J. 20 miles southeast of Philadelphia, with additional campuses in Sewell, Camden and Stratford. The University is comprised of eight academic colleges, and nine schools: William G. Rohrer College of Business; Henry M. Rowan College of Engineering; Ric Edelman College of Communication and Creative Arts, Virtua Health College of Medicine & Health Sciences, College of Education, College of Humanities and Social Sciences, College Performing Arts, and College of Science and Mathematics; the Cooper Medical School, Virtua Health School of Nursing & Health Professions, School of Osteopathic Medicine, School of Earth & Environment, Graduate School of Biomedical Sciences, School of Innovation & Entrepreneurship, School of Professional Studies, School of Translational Biomedical Engineering & Sciences, and the School of Veterinary Medicine. There is also an Honors College that spans across multiple disciplines. Rowan is one of three universities in the country to offer both M.D. and D.O. medical degree programs.

Qualifications: A Ph.D. in civil and/or environmental engineering is required. Preference will be given to candidates with professional engineering licenses or the qualifications and experience to apply for a PE license.

Salary: Competitive

Start Date: The anticipated start date for this civil engineering faculty position will be September 1, 2023.

Procedure: Applications will be accepted through March 1, 2023 but preference will be given to candidates whose application is received before December 20, 2022.

Applications must be submitted through our online applicant tracking system at jobs.rowan.edu.

Please submit a single PDF that includes the following items in the order listed: 1) letter of interest, 2) curriculum vitae, 3) a description of research agenda including potential funding mechanisms, 4) a statement of teaching philosophy including efforts to diversify the field of engineering, and 5) contact information for three references.

For details on each position and to apply, please consult our online applicant tracking system at <https://jobs.rowan.edu/en-us/job/496905/openrank-tenuredtenuretrack-faculty-position-department-of-civil-environmental-engineering>

Start Date: September 1, 2023.

Rowan University is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, creed, color, national origin, age, ancestry, nationality, marital or domestic partnership or civil union status, sex, pregnancy, gender identity or expression, disability status, liability for military service, protected veteran status, affectional or sexual orientation, atypical cellular or blood trait, genetic information (including the refusal to submit to genetic testing), or any other category protected by law. For the complete Rowan University non-discrimination and affirmative action policy see: https://sites.rowan.edu/hr/docs/home_page/eeo_policy_statement.pdf

All positions are contingent upon budget appropriations.