

Open Rank Tenure-Track/Tenured Faculty Position

Position Information

Position Information

Department	Civil, Environmental & Infrastructure Engineering
Alternate Department Description	
Criminal Background Check	Standard Background Check
Motor Vehicle Background Check	No
Statement of Economic Interest	Not Applicable
Job Category	Instructional Faculty
Role (State) Job Title	Open Rank Tenure-Track/Tenured Faculty Position
Working Title	Assistant, Associate, or Professor
Job Type	Full-Time
Position Number	F467AZ
Recruit Number	FAC7884
Working Hours	
Location	Fairfax, VA
Other Location	
Pay Band	
Salary	Commensurate with education and experience.

Web Announcement

Sid and Reva Dewberry Department of Civil, Environmental and Infrastructure Engineering

Multiple Tenure-Track/Tenured Faculty Positions

The George Mason University Sid and Reva Dewberry Department of Civil, Environmental and Infrastructure Engineering (CEIE), within the Volgenau School of Engineering, invites applications for two tenure-track faculty positions beginning Fall 2020. Senior candidates with established records of outstanding research and excellent teaching will be eligible for tenured Associate Professor or Professor positions. George Mason University has a strong institutional commitment to the achievement of excellence and diversity among its faculty and staff, and strongly encourages candidates who will enrich Mason's academic and culturally inclusive environment to apply.

Responsibilities:

Successful candidates will be expected to teach at the undergraduate and graduate levels; develop an exciting, independent, externally funded research program; advise students; participate in all aspects of the department's mission; and serve the profession.

Required Qualifications:

Applicants must have received a PhD in Environmental Engineering, Civil Engineering, or a related field by the start date of the position, and should have demonstrated potential for excellence and productivity in research, and a commitment to high-quality teaching.

Preferred Qualifications:

We seek outstanding candidates in the broad areas of Environmental and Water Resources Engineering. The successful candidate should enthusiastically contribute to the CEIE Environmental and Water Resources Engineering (EWRE) vibrant program and pursue a research portfolio that addresses the unprecedented challenges impacting society's sustainability and the resilience of smart cities, the environment and infrastructure. Candidates are expected to actively participate in the new Mason Institute for a Sustainable Earth (<https://ise.gmu.edu/>) activities, and engage in convergent research endeavors.

Areas of interest include, but are not limited to: water pollution and coastal resilience, smart/adaptive environmental systems and remote sensors, sustainability, life cycle and environmental assessment, natural and built environmental systems, environmental health, urban hydrology, hydroinformatics, impacts of hydroclimate variability and natural hazards on water supply and water quality, and modeling of water-climate-human interactions. A demonstrated ability to collaborate across all disciplines is an advantage.

About the Department:

CEIE is a vibrant and fast-growing department that offers MS and PhD programs, in addition to an ABET-accredited BS degree. During the last 5 years, the department has experienced tremendous growth in new research awards, and enrollment in the PhD program. Total enrollment across all degrees in CEIE has increased to 400 students. The Volgenau School of Engineering is committed to significant investment in expansion of the department faculty and to double the current size within 5-10 years with a focus on research excellence. The department has an enviable and strong relationship with industry, including over 30 companies and individuals working in partnership as the Civil Engineering Institute (<http://civil.gmu.edu/about-cei>), a unique organization formed to support the mission and vision of the department.

Further information about the department can be found on its web site at <http://www.civil.gmu.edu/>.

Mason Engineering: The Future of Engineering is Here

The Volgenau School of Engineering at George Mason University is a fast-growing force for innovation in research and education, with approximately 250 full-time faculty. The school boasts more than 8,170 students in 37 undergraduate, master's, and doctoral degree programs, including several first-in-the-nation offerings. Volgenau School researchers earned more than \$90 million in awards over the last 12 months. Located in the heart of Northern Virginia's technology corridor, Mason Engineering stands out for its excellence in emerging areas including big data, cybersecurity, healthcare technology, robotics and autonomous systems, signals and communications, and sustainable infrastructure.

George Mason University is the largest public research university in Virginia, classified at the R1 highest research activity level, with an enrollment of over 38,000 students studying in over 200 degree programs. Mason is an innovative, entrepreneurial institution with national distinction in a range of academic fields. Mason is located in the city of Fairfax in Northern Virginia at the doorstep of the Washington, D.C., metropolitan area, with unmatched geographical access to a number of federal agencies and national laboratories. Northern Virginia is also home to one of the largest concentrations of high-tech firms in the nation, providing excellent opportunities for interaction with industry. Fairfax is consistently rated as being among the best places to live in the country, and has an outstanding local public school system.

George Mason University recently launched the Institute for a Sustainable Earth (<https://ise.gmu.edu/sustainable-mason/>) demonstrating the University commitment to address local, regional and global challenges impacting the sustainability of the Planet. The new Potomac Science Center (<https://potomacsciencecenter.gmu.edu/>) located at the tidal waters of Belmont Bay, at the intersection of the Potomac River and the Occoquan Watershed, is uniquely positioned to establish a regional research hub for environmental and water research in the National Capital Region, with international visibility and global impact.

In conjunction with Amazon's decision to establish a second headquarters in Northern Virginia, the Commonwealth of Virginia announced a multi-year plan to invest in the growth of degree programs in computing, and George Mason University has committed to accelerate its plans to grow its capacity in computing and high-tech fields. Among the exciting initiatives being undertaken by the university are the launch of the Institute for Digital InnovAtion, a university think tank and incubator to serve the digital economy, and the expansion of its Arlington Campus with a planned 400,000 square foot Digital InnovAtion Building. These initiatives reflect hundreds of millions of dollars in new investment by Mason that will rapidly elevate Mason's already leading national position in computing and related areas.

Special Instructions to Applicants

For full consideration, applicants must apply for position number F467AZ; at <http://jobs.gmu.edu/>; complete and submit the online application; and upload a statement of professional goals including your perspective on teaching and research (to attach as 'Other Doc'), a complete CV with publications, a statement on what diversity and inclusion means to you (to attach as 'Other Doc'), and the names of three professional references. The review of applications will begin December 2, 2019 and continue until the position is filled.

**For Full Consideration,
Apply by:**

December 2, 2019

Posting Date

10/22/2019

Job Close Date**Open Until Filled?**

Yes

Telework Friendly?**Mason Ad Statement**

Great Careers Begin at Mason!

George Mason University is an innovative, entrepreneurial institution with national distinction in both academics and research. Mason holds a top *U.S. News and World Report* "Up and Coming" spot for national universities and is recognized for its global appeal and excellence in higher education.

Mason is currently the largest and most diverse university in Virginia with students and faculty from all 50 states and over 135 countries studying in over 200 degree programs at campuses in Arlington, Fairfax and Prince William, as well as at learning locations across the commonwealth. Rooted in Mason's diversity is a campus culture that is both rewarding and exciting, work that is meaningful, and opportunities to both collaborate and create.

If you are interested in joining the Mason family take a look at our current opportunities and catch some Mason spirit at jobs.gmu.edu/!

George Mason University, Where Innovation is Tradition.

Equity Statement

George Mason University is an equal opportunity/affirmative action employer, committed to promoting inclusion and equity in its community. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability or veteran status, or any characteristic protected by law.

**Campus Safety
Information**

Mason's Annual Security and Fire Safety Report is available at <http://police.gmu.edu/annual-security-report/>

Supplemental Questions

Required fields are indicated with an asterisk (*).

Required Documents

Required Documents

1. CV
2. List of Professional References
3. Other Doc (as specified in Special Instructions)
4. Other Doc (as specified in Special Instructions) 2

Optional Documents

1. Cover Letter