



## Open-Rank, Term Statistics Faculty

Requisition #: 10000773

Fairfax, VA

Instructional Faculty

Opening on: Feb 28 2024

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**Department:** College of Engineering and Computing - Statistics

**Classification:** 9-month Instructional Faculty

**Job Category:** Instructional Faculty

**Job Type:** Full-Time

**Work Schedule:** Full-time (1.0 FTE, 40 hrs/wk)

**Location:** Fairfax, VA

**Workplace Type:** Hybrid Eligible

**Salary:** Salary commensurate with education and experience

**Criminal Background Check:** Yes

### About the Department:

The Department of Statistics currently comprises 21 primary faculty members, and numerous adjunct and affiliated faculty. It offers a B.S. degree in Statistics, a Ph.D. degree in Statistical Science, and two M.S. degrees: Statistical Science and Biostatistics, as well as the Concentration in Statistical Data Science within MS Statistical Science. Though a relatively young department founded in 1992, the Department has demonstrated rapid growth in research and scholarship. The faculty is renowned with leaders in statistics, biostatistics, data science, and AI, with national and international credentials. It engages in research with leading corporations and government agencies, such as, the INOVA Health, one of the leading hospitals in the nation. The Department has a distinct potential for innovations in statistics, data science, and interdisciplinary research spanning medicine, engineering, economics, technology, and society.

Situated on the beautiful Fairfax, VA campus in the high-tech corridor of Northern Virginia, the department is conveniently located 30 minutes from both downtown Washington, D.C., and Dulles International Airport, with top-ranked high schools in the country, and easy access to engineering and computing departments within the College of Engineering and Computing, as well as other colleges. On-campus faculty rental housing is also available (see [masonvale.gmu.edu](http://masonvale.gmu.edu)). For additional information about the department, please visit <http://stat.gmu.edu/>.

### About the Position:

The Department of Statistics invites applications for multiple term faculty positions beginning Fall 2024.

Candidates to this positions will be expected to teach and develop undergraduate and graduate courses, participating in university, college and departmental governance; professional and public service; advising students; and performing related instructional assignments, such as supervising senior projects, student internships and practicum. Conducting research is

optional.

Applicants at the rank of Associate of Full Professor must have interests in outreach, curriculum development, and significant experience in an academic setting in teaching for at least six years post Ph.D.

**Responsibilities:**

- Teaching classes at the undergraduate and/or graduate level;
- Performing service duties associated with departmental educational and operational activities; and
- Participating in student advising.

A senior candidate for Associate or Full Professor is expected to be a leader in curriculum development, education, and outreach activities.

**Required Qualifications:**

Applicants must have received a Ph.D. in Statistics or a related field, such as Data Science or Biostatistics, by the start date of the position. Applicants should possess a strong commitment to education and demonstrated excellence in teaching. Applicants at the rank of Associate/Full Professor must have interests in outreach, curriculum development, and significant experience in an academic setting for at least six years post Ph.D. Applicants who have received an MS in Statistics or Biostatistics with an exceptional teaching record and skills/interests in using evolving technology, may be considered for a rank of instructor.

**Preferred Qualifications:**

Applicants in all areas of Statistics will be given consideration. We are particularly interested in candidates with experience in the areas of data science and modern statistics. Preference will be given to candidates with significant teaching experience, and good communication skills. Ability to do research and bring research funding, and administrative, managerial, and/or consulting experience will be a plus. Ability to build collaborations with other departments within the College and across the University will also be valued.

**Instructions to Applicants:**

For full consideration, applicants must apply for **Open-Rank, Term Statistics Faculty** at <https://jobs.gmu.edu/>; complete and submit the online application; and upload a cover letter, complete CV with publications, statement of professional goals including your perspective on teaching (upload as Philosophy of Teaching), statement on what diversity and inclusion means to you (upload as Diversity Statement), transcript (optional), research statement (optional), and the names of three professional references. Review of applications will start on March 21 and continue until the position is filled.

**Posting Open Date:** February 28, 2024

**For Full Consideration, Apply by:** March 20, 2024

**Open Until Filled?:** Yes

**A Force for Innovation in the Heart of Northern Virginia' Technology Corridor**

**About the College**

The College of Engineering and Computing (CEC) at George Mason University is a fast-growing force for innovation in research and education. Ranked nationally in the top 100 in both undergraduate and graduate education, the CEC enrolled a record high of 10,933 students in fall 2023. The college has 34 undergraduate, master's and doctoral degree programs including several first-in-the-nation offerings. Of its 320 full-time faculty, 93 are tenured, 77 are tenure-track, 90 are term faculty, and 60 are research faculty. As part of a nationally ranked research university, CEC research teams expended \$65 million in sponsored research awards in the past year and had projects with over \$119 million in current and anticipated awards. The college stands out for its leading research in areas such as artificial intelligence, data analytics engineering, cybersecurity engineering, biomedical imaging and devices, healthcare, autonomous systems, 5G/Next G communications,

systems architectures, computational biomedicine, advanced materials and manufacturing, sustainable infrastructure, statistics, and more. The college encourages and supports multidisciplinary research and provides ample opportunity for faculty to work with other disciplines.

### **About the University and the Region**

George Mason University is the largest and most diverse public research university in Virginia, with an enrollment of more than 40,000 students studying in over 200 degree programs. Mason is an innovative, entrepreneurial institution with national distinction in a range of academic fields. It was classified as an R1 research institution in 2016 by the Carnegie Classifications of Institutes of Higher Education. The university has campuses in Fairfax, Arlington, and Prince William County. Its proximity to Washington, D.C. provides unmatched geographical access to 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. The region is consistently rated as being among the best places to live in the country and has an outstanding local public school system.

### **About the Future**

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. As a result, Mason has committed to accelerate its plans to grow its capacity in computing and high-tech fields. Among the university's exciting initiatives are the launch of the Institute for Digital Innovation—a university think tank and incubator to serve the digital economy—and the expansion of Mason Square home to its Arlington facilities. In 2025, Fuse a new 355,000 square foot building, will open to students, faculty, and research teams. This net-zero facility will house the Institute for Digital Innovation, state-of-the-art classrooms, labs, and collaborative spaces. It will also include retail space, and leasing opportunities for local businesses. These initiatives reflect hundreds of millions of dollars in new investment by Mason that will rapidly elevate the university's already leading national position in computing and related areas.

### **Mason Ad Statement**

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/](http://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/>

APPLY NOW!

### **Sign up for job alerts!**

Col of Engineering and Computing

Fairfax, VA, Virginia, United States