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GMU-Open-Rank, Tenured/Tenure-Track and Term Statistics Faculty Positions

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Jiayang Sun



Feb 3, 2025 6:27 PM

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Dear Colleagues,

Could you please help us share the following openings with interested candidates?  
Enclosed is our ad at [jobs.gmu.edu](http://jobs.gmu.edu) for our tenured/tenure-track (TT) positions. The ad for our Term positions will appear there soon. Both types of positions are regular, hard-money positions.

## **GMU-Open-Rank, Tenured/Tenure-Track Statistics Faculty Positions**

The George Mason University Department of Statistics in the School of Computing (SoC), part of the College of Engineering and Computing (CEC), invites applications for multiple tenure-track or tenured faculty positions beginning in fall 2025. Senior candidates with established records of outstanding research and excellent teaching will be eligible for tenured associate professor or professor positions.

**Posting Open Date:** February 3, 2025

**For Full Consideration, Apply by:** February 28, 2025

**Open Until Filled:** Yes

The Department of Statistics offers a PhD in Statistical Science, two MS degrees (Biostatistics and Statistical Science with concentrations in Modern Statistics and Statistical Data Science), a BS in Statistics with four concentrations, and dual MS and accelerated BS/MS options. Though a relatively young department founded in 1992, the Department has demonstrated rapid growth in research and scholarship. It is renowned for its leaders in statistics, biostatistics, data science, and AI, with national/international credentials and prestigious honors.

Located on the beautiful Fairfax, VA campus in Northern Virginia's high-tech corridor, the department is just 30 minutes from downtown Washington, D.C., and Dulles International Airport, with top-ranked high schools in the country. Its main offices in the Engineering Building foster a connected community with other CEC departments and are a short walk to Research Hall's mathematics and other science departments. With additional space in the new Fuse building on the Arlington campus, accessible via shuttles, metros, and railways, the department has access to state-of-the-art facilities in Fairfax and Arlington and vast resources from industrial, cultural, government, and academic institutions in the capital area. On-campus faculty rental housing is also available (see <http://masonvale.gmu.edu>).

The department conducts collaborative research with top corporations and organizations, such as INOVA Health, one of the leading hospitals in the nation. It has also established new ties with other institutes in the greater Washington area. In the changing landscape of computing and AI, the department faculty has ample opportunities for interdisciplinary research and interaction with AI within and beyond the CEC and SoC, the first School of Computing in Virginia. It has a distinct potential for innovations in statistics, data science, and interdisciplinary research spanning medicine, engineering, economics, technology, and society. Further information is available at <http://stat.gmu.edu>.

### **About the Position:**

Both tenure-track and tenured positions are 9 month Instructional Faculty positions, aka, hard-money positions that are funded by the university educational and general funds. Tenure-track faculty is eligible for a provost one-semester study leave after a successful three-year review. Full-time, tenured faculty with six or more years of completed service at George Mason University can also apply for study leaves.

### **Responsibilities:**

- Conducts independent and collaborative research;
- Teaches at the undergraduate and graduate levels;
- Develops an independent, externally funded research program;
- Advises students; and
- Participates in all aspects of the department mission, including university, college, and departmental governance, professional and public service.

#### **Required Qualifications:**

- Applicants must have received a PhD in Statistics, Biostatistics, or a related field by the position's start date;
- Junior faculty candidates must have demonstrated potential for excellence and productivity in statistical or statistical data science research, and a commitment to high-quality teaching; and
- Senior candidates for tenured positions must have established records of outstanding research and excellent teaching.

#### **Preferred Qualifications:**

- Applicants in all areas of Statistics will be given full consideration. We are particularly interested in candidates with research experience in modern statistics, statistical data science/analytics, biostatistics, explainable AI, machine learning, modern causal inference, modern computing, data/population shifts, privacy and security, networks, and large or unstructured data; and
- Candidates who can build collaborations with other departments within the College, across the university, or national organizations will benefit from the strong support and encouragement for interdisciplinary collaboration from the College and the University.

#### **Instructions to Applicants:**

For full consideration, applicants must apply for **Open-Rank, Tenured/Tenure-Track Statistics Faculty** at <https://jobs.gmu.edu/>; complete and submit the online application; and upload a cover letter, complete CV with a list of publications, statement of professional goals including your perspective on teaching (upload as Philosophy of Teaching), research statement, transcript (required for junior position candidates, others are optional), and the names of three professional references. **Those who applied by February 28, 2025, will be considered fully. Review of applications will continue until the position is filled.**

#### **Mason Computing: The Future of Computing is Here**

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 11,296 students in fall 2024. The college has 34 undergraduate, master's and doctoral degree programs including several first-in-the-nation offerings. Of its 309 full-time faculty, 100 are tenured, 58 are tenure-track, 96 are term faculty, and 55 are research faculty. As part of a nationally ranked research university, CEC research teams expended \$83.7 million in sponsored research awards in the past year and had projects with over \$68 million in 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, statistics, sustainable infrastructure, 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.

For more information, see [jobs.gmu.edu](https://jobs.gmu.edu).

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