College of Engineering and Computing

Department of Statistics
4400 University Drive, MS 4A7, Fairfax, Virginia 22030
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Open-Rank, Term Statistics Faculty

- 10002217

- Fairfax, VA

- Instructional Faculty

- Opening on: Feb 5 2025

Department: Col of Engineering and Computing

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 in the School of Computing (SoC), part of the College of Engineering and Computing (CEC), 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 and vast resources from industrial, cultural, government, and academic institutions in the capital area. On-campus faculty rental housing is also available (see www.masonvale.com).

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

About the Position:

Term faculty positions are funded by the university education and general funds. They are renewable, though not on the tenure track. Term faculty are eligible for promotion in professorial ranks, parental leaves, and study leaves after six or more years of service at George Mason University, following the policies in the faculty handbook. Those who conduct research or perform additional service duties may have a reduced teaching load in accordance with the college workload policy.

Responsibilities:

Teaches at the undergraduate and graduate levels; advises students; participates in all aspects of the department's mission, including university, college, and departmental governance, professional and public service. Those who conduct research, consulting, or outreach are especially welcome to apply.

Required Qualifications:

- PhD in Statistics or related field, such as Data Science or Biostatistics is required for the rank of Assistant Professor and above. Interests in outreach, curriculum development, and significant experience in an academic setting for at least six years post PhD for the rank of Associate/Full Professor. An MS in Statistics or related field, such as Data Science or Biostatistics, with exceptional credentials and experiences, can be considered for a rank of instructor; and

- In addition, demonstrated potential for excellence and a commitment to high-quality teaching are required, as well as excellent knowledge/skills in statistics and/or data science, as well as information technology.

Preferred Qualifications:

- Applicants in all areas of Statistics will be given full consideration, although the following credentials are preferred;

- Experience in the areas of data science and modern statistics;

- Significant teaching experience;

- Experience and interests in statistical consulting, outreach and/or research, and tech-savvy;

- Administrative, research, and/or consulting experience; and

- Ability to build collaboration with other departments within the college and across the university.

Instructions to Applicants:

For full consideration, applicants must apply for the *Open-Rank, Term Statistics Faculty* at https://jobs.gmu.edu/; complete and submit the online application to include three professional references with contact information, and provide a cover letter, CV with a list of publications, statement of professional goals including your perspective on teaching and consulting/research (upload as philosophy of

teaching), and transcript (required for junior position candidates, others are optional).

Those who apply by February 28, 2025, will be considered fully. Review of applications will continue until the position is filled.

Posting Open Date: February 5, 2025

For Full Consideration, Apply by: February 28, 2025

Open Until Filled: Yes

 READY TO APPLY: [Open-Rank, Term Statistics Faculty - Fairfax, VA, Virginia, United States - Other, Virginia, United States](#)

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 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 architecture, computational biomedicine, advanced materials and manufacturing, 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.

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

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/!

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/