Department of Statistics
Adjunct Faculty

The George Mason Department of Statistics, within the School of Computing in the College of Engineering and Computing (CEC), invites interested applicants to join the faculty as part-time Adjunct Faculty members beginning Fall 2024 or Spring 2025. 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.

About the Position:

Adjunct faculty members are expected to teach one or two undergraduate or graduate courses in Statistics at our Fairfax or Arlington campus. Expertise in all areas of Statistics and Data Science is considered.

Rank and salary will be commensurate with education and experience.

About the Department:

The Department of Statistics currently has 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 the MS in 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.com). The department is also offering an increasing number of courses at GMU's Mason Square campus in downtown Arlington, steps away from numerous restaurants and all the vibrancy of the city. For additional information about the department, please visit http://stat.gmu.edu/.

Responsibilities:

- Prepare and teach assigned courses at assigned or negotiated class meetings, based on course catalog descriptions and approved course outlines;
- Prepare and objectively grade class assignments and exams within a timely manner, in accordance with course outcomes;
- Maintain accurate, transparent student records;

- Assist and foster student success through the maintenance of regularly scheduled office hours and timely responses to e-mail inquiries;
- Adhere to all administrative university policies such as the timely submission of completed midterm and final grades;
- Maintain appropriate professional development to stay current in assigned courses;
- Maintain appropriate standards of professional conduct and ethics; and
- Perform other duties as assigned by contract and/or by the chair or associate chair including assessing course(s) taught for continuous improvement.

Required Qualifications:

- Ph.D. in Statistics or a closely related field before the start of this position; and
- Strong oral and written communication skills.

In exceptional cases, a Master's in Statistics or Biostatistics may be acceptable when combined with successful teaching experience.

Preferred Qualifications:

- Teaching experience at the college-level;
- Skills or experience with evolving technology;
- Teaching and/or professional expertise in data science or modern statistics; and
- Experience with a learning management system.

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 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.

For full consideration, applicants must complete the online application at https://jobs.gmu.edu/ and attach a cover letter, resume, and a list of three professional references with contact information. Full consideration will apply to applicants who submit their completed application by **May 15, 2024**; however, review of applications will continue until the position is filled.