

George Mason University

Department of Statistics: Multiple Tenure-Track Faculty Positions

The George Mason University Department of Statistics, within the Volgenau School of Engineering, invites applications for multiple tenure-track or tenured faculty positions beginning fall 2020. Senior candidates with established records of outstanding research, demonstrated funding, and excellent teaching will be eligible for tenured associate professor or full 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 conduct independent and collaborative research, teach and advise undergraduate and graduate students, participate in all aspects of the department's mission, and serve the statistics/data science profession. Collaborations within and beyond GMU, or as part of initiatives and cooperative ventures are encouraged.

Required Qualifications

Applicants must have received a Ph.D. in Statistics or a closely related field by the start date of the position and have demonstrated the potential for excellence and productivity in research, and a commitment to high-quality teaching.

Preferred Qualifications

Applicants in all areas of Statistics will be given serious consideration. We are particularly interested in candidates in the areas of data analytics, high-dimensional problems, and methodologies involving machine learning and deep learning methods, network data, health analytics, financial analytics, and survey methodology. Candidates with a strong interest in collaborations with other departments on campus and good communication skills will be preferred.

About the Department

The Department of Statistics currently houses 18 full-time faculty. It offers a B.S. in Statistics, three M.S. degrees: Statistical Science, Biostatistics, and Data Analytics Engineering Concentration Statistics; and a Ph.D. degree in Statistical Science, with excellent funding opportunities. The Department of Statistics faculty members are world-renowned leaders in statistics, biostatistics, and data analytics, although it is a young department founded in 1992. It is located within the Volgenau School of Engineering, on the Fairfax, VA, campus in the high-tech corridor of Northern Virginia, 30 minutes from both downtown Washington, D.C., and Dulles International Airport.

The Department of Statistics is involved in multiple projects with top corporations, including INOVA: one of the leading hospitals in the nation. It is also working to establish new relationships and research ties via joint initiatives with organizations such as the National Institute of Statistical Sciences (NISS) in the greater Washington metropolis. These relationships could include research at government agencies on a range of high-impact problems and mentoring NISS postdocs in several areas of statistics and data science. The department has the distinct potential to become a hub for innovations in statistics and data science (SDS) and interdisciplinary research involving medicine, engineering, finance, technology, and society. The department is positioned for growth and success. Faculty rental housing is also available on campus. Further information about the department is available at <http://statistics.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.

In conjunction with Amazon's decision to establish a second headquarter in Northern Virginia, the Commonwealth of Virginia announced a multi-year plan to invest in the growth of degree programs in computing, in conjunction with data science, and George Mason University has committed to accelerating 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.

Application

For full consideration, applicants must apply for position number [F465AZ](#);

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 mean to you (to attach as 'Other Doc'), and the names of three professional references. Please indicate if interested in a specific collaboration or a joint appointment, e.g., GMU-NISS. The review of applications will begin **December 2, 2019**, and continue until the positions are filled.

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, gender identity, sexual orientation, national origin, disability, or protected veteran status.