

The Future of Engineering Is Here. **Department Chair and Professor**

The George Mason University Department of Statistics, in the Volgenau School of Engineering, is seeking a chair who is a distinguished scholar, educator, and researcher who can lead the department into a dynamic phase of development and growth. George Mason University has a strong institutional commitment to the achievement of excellence and diversity among its faculty and staff, and strongly encourages candidates to apply who will enrich Mason's academic and culturally inclusive environment.

The department focuses on cutting-edge areas of statistical research including i) data analytics - big data, data mining, and high dimensional statistical methods ii) biostatistics - the application of statistics to medical research and iii) federal statistics - the application of statistics to important branches of the federal government. We have recently hired tenure-track and tenured faculty in the areas of financial analytics, big data problems, including sparse data, data confidentiality, and visualization of massive multi-dimensional data sets. We are looking to expand our presence in biostatistics and medical data analytics due to our partnership with the Inova Center for Personalized Health, a new research campus adjacent to Mason, with over 500,000 sq. ft of new laboratories and clinical facilities, and a strong translational component. The clinical volume at Inova exceeds that found in most university based medical schools, presenting unique partnership opportunities for medical biostatistics and data analytics. The department has 18 faculty members and offers BS, MS and PhD degrees in statistics, an MS in biostatistics, and participates in a school-wide multidisciplinary MS degree in data analytics engineering.

**Responsibilities:**

The successful candidate will articulate a vision for the future success and rapid growth of our collegial department to meet current challenges, leverage current opportunities, and create new initiatives. A high visibility in the statistics professional community and the ability to raise the department's profile nationally and internationally are also desired.

**Required Qualifications:**

The successful candidate should hold a PhD in statistics, biostatistics, or a closely related field, and will have a distinguished research record, with substantial publications in top statistical journals and a sustained record of research funding, corresponding to a tenured appointment at the rank of full professor.

**Preferred Qualifications:**

Academic administrative experience at the chair, associate chair, program director, or similar administrative level.

Fellow of the ASA and/or IMS.

## **About Us – The Future of Engineering Is Here:**

The Volgenau School of Engineering at George Mason University is a fast-growing force for innovation in technology and education. Its fall 2018 enrollment stands at close to 8,000 students in 37 undergraduate, master's, and doctoral degree programs, including several first-in-the-nation offerings. As part of a nationally ranked research university, the engineering school's research teams earned more than \$68 million in sponsored research awards in the last 12 months. Located in the heart of Northern Virginia's technology corridor, Mason Engineering is known for its leadership in emerging areas including big data, cybersecurity, health care technology, robotics and autonomous systems, signals and communications, and sustainable infrastructure.

## **About George Mason University**

George Mason University is the largest public research university in Virginia with an enrollment of over 37,000 students studying in more than 200 degree programs. The university is classified as an R1 research institution by the *Carnegie Classifications of Institutes of Higher Education*. Mason is an innovative, entrepreneurial institution with national distinction in a range of academic fields. In 2018, *U.S. News & World Report* ranked Mason among the top 30 most innovative schools nationwide and one of the nation's top institutions for diversity, innovative learning, and a campus atmosphere that allows its students to thrive.

Mason's Fairfax, SciTech, and Arlington Campuses are in Northern Virginia near Washington, D.C., providing unmatched access to many federal agencies and national laboratories. The region is consistently rated as being among the best places to live in the country and has an outstanding local public-school system. 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.

For full consideration, qualified applicants must apply online at <https://jobs.gmu.edu> for position F365AZ and attach a cover letter, curriculum vita, philosophy of teaching, a research statement, a vision statement (to be attached as 'other document'), a statement on diversity and inclusive excellence experience (to be attached as 'other document'), and a list of three professional references with contact information. For full consideration applicants must apply by January 7, 2019, however the review of applications will continue until the position is 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.