

# Assistant, Associate, or Professor (Multiple, Open Rank Tenure-Track Faculty Positions)

## Position Information

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### Position Information

<b>Department</b>	Statistics
<b>Alternate Department Description</b>	
<b>Criminal Background Check</b>	Standard Background Check
<b>Motor Vehicle Background Check</b>	No
<b>Statement of Economic Interest</b>	Not Applicable
<b>Job Category</b>	Instructional Faculty
<b>Role (State) Job Title</b>	Assistant, Associate, or Professor (Multiple, Open Rank Tenure-Track Faculty Positions)
<b>Working Title</b>	Assistant, Associate, or Professor (Multiple, Open Rank Tenure-Track Faculty Positions)
<b>Job Type</b>	Full-Time
<b>Position Number</b>	F812AZ
<b>Recruit Number</b>	FAC8931
<b>Working Hours</b>	
<b>Location</b>	Fairfax, VA
<b>Other Location</b>	
<b>Pay Band</b>	
<b>Salary</b>	Commensurate with education and experience.

### Web Announcement

#### **Department of Statistics Multiple, Open Rank Tenure-Track Faculty Positions**

The George Mason University Department of Statistics, within the College of Engineering and Computing (CEC), invites applications for one or more tenure-track or tenured faculty positions beginning Fall 2023. Senior candidates with established records of outstanding scholarship, sponsored research funding, and excellent teaching will be eligible for tenured associate professor or 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 to apply who will enrich Mason's academic and culturally inclusive environment.

#### **Responsibilities:**

Successful candidates will be expected to conduct independent and collaborative research; teach at the undergraduate and graduate levels; develop an independent, externally funded research program; advise students; participate in all aspects of the department's mission; and serve the statistics/data science profession.

#### **Required Qualifications:**

Applicants must have received a PhD in Statistics, Biostatistics, or a related field by the start date of the position. 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. 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 serious consideration. We are particularly interested in candidates with research experience in the areas of statistical data science/analytics, biostatistics, explainable AI, machine learning, modern causal inference, computational statistics, networks, and large or unstructured data. 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.

#### **About the Department:**

The Department of Statistics currently houses 23 primary faculty and has numerous other (adjunct, emeritus, visiting, and affiliated) faculty. It offers a BS degree in Statistics with 4 concentrations, three MS degrees: Statistical Science, Biostatistics, and Data Analytics Engineering with Concentration in Statistics; and a PhD degree in Statistical Science. The Department of Statistics is renowned with leaders in statistics, biostatistics, and data science, with credentials in national collaborations and prestigious honors, although it is a young department founded in 1992. It is located 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 INOVA health, one of the leading hospitals in the nation, and with other top corporations. It is also establishing new relationships and research ties via joint initiatives in the greater Washington metropolis. These relationships could include research at government agencies on a range of high-impact problems and in several areas of statistics and data science. The department has a distinct potential in becoming a hub for innovations in statistics and data science and interdisciplinary research involving medicine, engineering, economics, technology, and society. It is positioned for growth and success. It is one of three departments in the newly formed School of Computing (SoC), the first of its kind in Virginia, within the College of Engineering and Computing. In addition to the positions advertised here, the department is one of the participants of the funded Tech Talent Investment Pipeline, a cluster hire in Computational Systems Biomedicine. Faculty rental housing is also available on campus (see [masonvale.gmu.edu](http://masonvale.gmu.edu)). Further information about the department is available at <http://stat.gmu.edu/>.

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

The College of Engineering and Computing at George Mason University is comprised of the Volgenau School of Engineering and the School of Computing. The College is a fast-growing force for innovation in research and education. Ranked nationally in the top 100 in both undergraduate and graduate education, the College boasts 10,000 students in 37 undergraduate, master's, and doctoral degree programs, including several first-in-the-nation offerings. Of the 302 full-time faculty who comprise the College, 93 are tenured, 75 are tenure-track, 82 are instructional faculty, and 52 are research faculty. As part of a nationally ranked research university, its research teams expended more than \$70 million in sponsored research awards last year and has projects with over \$400 million in current and anticipated awards. Located in the heart of Northern Virginia's technology corridor, Mason Engineering stands out for its research in many leading areas including artificial intelligence, data analytics engineering, cybersecurity engineering, biomedical imaging and devices, autonomous systems, 5G communications, systems architectures, computational biomedicine, community-based healthcare, advanced materials and manufacturing, sustainable infrastructure, and more. The College highly encourages multidisciplinary research and provides faculty with opportunities to work with other disciplines.

George Mason University is the largest and most diverse public research university in Virginia, with an enrollment of 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. 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 headquarters in Northern Virginia, the Commonwealth of Virginia announced a multi-year plan to invest in the growth of degree

programs in computing. George Mason University has committed to accelerate its plans to increase its capacity in engineering and computing. Some of the university's exciting plans 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 360,000 square foot building—Fuse at Mason Square. Fuse will become the nexus of Mason's transdisciplinary research, entrepreneurship, and academic program efforts in digital innovation, and will unite the public and private sectors in a collaborative alliance to address the world's grand challenges.

**Special Instructions to Applicants**

For full consideration, applicants must apply for position number F812AZ at <https://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 means to you (to attach as 'Other Doc 2'), and the names of three professional references with contact information. The review of applications will begin May 1, 2023 and continue until the position is filled.

**For Full Consideration, Apply by:**

April 30, 2023

**Posting Date**

10/21/2022

**Job Close Date**

**Open Until Filled?**

Yes

**Telework Friendly?**

**Mason Ad Statement**

Great Careers Begin at Mason!

George Mason University is an innovative, entrepreneurial institution with national distinction in both academics and research. Mason holds a top *U.S. News and World Report* "Up and Coming" spot for national universities and is recognized for its global appeal and excellence in higher education.

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/](https://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/>

## Supplemental Questions

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Required fields are indicated with an asterisk (\*).

## Required Documents

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**Required Documents**

1. CV
2. List of Professional References
3. Other Doc (as specified in Special Instructions)
4. Other Doc (as specified in Special Instructions) 2

**Optional Documents**

1. Cover Letter
2. DARS Certificate of Disability