Depart of Statistics @ George Mason University Multiple Open-Rank, Term Faculty Positions (Assistant/Associate/Full Professors)

The George Mason University Department of Statistics, within the College of Engineering and Computing (CEC), invites applications for multiple renewable-term, non-tenure-track positions at the academic rank of Assistant, Associate, or Full Professor, beginning Spring or Fall 2023. 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:

Responsibilities for Term faculty include teaching undergraduate courses as well as service duties associated with the department's active undergraduate degree programs. Teaching a graduate course or conducting research is optional. Those who bring in research funding may have course reductions. A senior candidate for Associate or Full Professor is expected to be a leader in curriculum development, undergraduate education, and outreach activities (or conduct research if it is a mixed position with research).

Required Qualifications:

Applicants must have received a Ph.D. in Statistics or a related field, such as Data Science or Biostatistics, by the start date of the position. Applicants should possess a strong commitment to education and demonstrate excellence in teaching. Applicants at the rank of Associate/Full Professor must have interests in outreach, curriculum development, and significant experience in an academic setting for at least six years post Ph.D.

Preferred Qualifications:

Applicants in all areas of Statistics will be given serious consideration. We are particularly interested in candidates with experience in the areas of data science and modern statistics. Preference will be given to candidates with significant teaching experience, and good communication skills. Administrative, managerial, research, and/or consulting experience is a plus. The department and the University place a high value on engaging students from traditionally underrepresented groups, and candidates from these groups are especially encouraged to apply.

About the Department:

The Department of Statistics currently houses 23 primary faculty and numerous other faculty. It offers a B.S. degree in Statistics, three M.S. degrees: Statistical Science, Biostatistics, and Data Analytics Engineering with Concentration in Statistics; and a Ph.D. degree in Statistical Science. The Department of Statistics is renowned with leaders in statistics, biostatistics, and data science/analytics, with credentials in national collaborations, 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, with top-ranked high schools in the country.

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 values excellence in education. Faculty rental housing is also available on campus (see masonvale.gmu.edu). Further information about the department is available at 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 more than 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 have 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 accelerating 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 **F9969Z**; at **https://jobs.gmu.edu/**; complete and submit the online application; and upload a statement of professional goals including your perspective on teaching, and optionally on 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 on October 25, 2022, and continue until the position is filled.**