



**College of Health and Human Services
George Mason University**

Multiple Open-Rank Biostatistics / Data Science Faculty Positions

The College of Health and Human Services at George Mason University is launching an ambitious search for multiple outstanding open faculty positions in biostatistics or data science who are committed to academic excellence and original methodologic and collaborative research in public health.

Though all research areas will be considered, preference will be given to applicants with expertise in causal inference or mediation analysis, exposome and mixtures analysis, interventional trials, longitudinal data analysis, and machine learning along with statistical and data science methods relevant to the use of complex health data including electronic health records. Midcareer and senior candidates will have an active, externally-funded program of research, an established publication record, evidence of effective classroom teaching commensurate for a tenured appointment at the rank of associate or full professor. Early career candidates will demonstrate strong evidence of potential as an independent researcher to obtain external funding and show promise of effective classroom teaching.

These are state-funded, full-time (9-month) tenure-track/tenured faculty positions. Appointments will begin in August 2019, though other starting times might be possible. George Mason University has a strong institutional commitment to the achievement of excellence and diversity among its faculty and staff, and it strongly encourages candidates to apply who will enrich Mason's academic and culturally inclusive environment.

Responsibilities:

Successful candidates will be expected to: 1) develop or continue a program of original methodologic research; 2) engage in collaborative research; 3) teach and mentor students; 4) establish or bring an extramurally funded research program; and 5) engage in professional service in support of advancing the College's mission. To the extent possible, faculty will be expected to contribute synergistically to development of transdisciplinary courses, degree programs and research.

Qualifications:

An earned doctoral degree in biostatistics, data science, computational sciences or a closely-related field (e.g., statistics); data science in health-related research experience; record of referred publications; active extramurally funded research for midcareer and senior

candidates; strong oral and written communication skills; and an ability to teach graduate level biostatistics and research courses and mentor students/postdoctoral fellows.

Preferred Qualifications:

Preference will be given to candidates capable of collaborating with transdisciplinary research teams, and leading their own methodologic research with expertise in causal inference or mediation analysis, exposome and mixtures analysis, interventional trials, longitudinal data analysis, and machine learning along with statistical and data science methods relevant to the use of complex health data including electronic health records.

About the College of Health and Human Services:

Faculty will initially be appointed in one of the 6 academic units comprising the College depending upon interests and expertise (i.e., Global and Community Health; Health Administration, Policy and Informatics; Nursing; Nutrition and Food Studies; Rehabilitation Science; and Social Work), with the option of moving to the planned department of epidemiology and biostatistics. Located in the new Peterson Family Health Science Hall, the College has 7 accredited degree programs. Peterson Hall comprises 165,000 square feet of offices, conference rooms, classrooms, and wet and dry labs. The College's research infrastructure includes DSHI (Discovery Science and Health Informatics Center with a Machine Learning Lab), imaging resources (DEXA, fMRI, movement capture) as well as physical and metabolic human assessment tools. In the next year, the College will be opening its population health center that will support primary and behavioral health care, research and training. The College is strategically transitioning to become a College of Public Health. Further information about the College may be found at: <https://chhs.gmu.edu>.

About George Mason University:

Mason is the largest public research university in Virginia and home to over 37,000 students from all 50 states and 135 countries enrolled in over 200 degree programs. Located in the Washington, D.C. metropolitan area, it is the most diverse university in Virginia and among the top nationally. A large percentage of our students are first generation or Pell grant recipients, whose graduation rates are on par with other students. As a Carnegie Research 1 institution, Mason has an active research program that is conducted across its 4 campuses and its international campus in Songdo, Korea.

Application Submission Requirements:

Applicants must apply for position number F8938Z using <https://jobs.gmu.edu> and include (1) a cover letter of interest, (2) curriculum vitae, (3) research statement of interests and goals, (4) teaching experience and philosophy, and (5) a list of 3 references with full contact information. References will be contacted prior to campus interviews. The initial review of applications will begin on December 1, 2018 and will continue until positions are filled. Only complete electronic applications submitted using jobs.gmu.edu will be reviewed. An offer of employment is contingent upon background verification.

For questions about the posted position, search process and/or University, please contact Dr. Robert M. Weiler, Search Committee Chair, at: rweiler@gmu.edu; 703-993-1920.

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



**College of Health and Human Services
Open Rank New Faculty Positions
Multiple Assistant, Associate and Full Professors in Public Health Disciplines**

(Tenure-track/tenured cluster hires)

The College of Health and Human Services at George Mason University is undertaking a large initiative to recruit outstanding faculty to develop multidisciplinary academic research teams in behavioral health, environmental health, health disparities, health policy, and obesity. Candidates with established extramurally-funded research may have the opportunity to relocate research teams or collaborators, if desired. These recruitments will support the College's planned transition to become a college of public health in the near future.

Appointments will begin in August, 2019, though other starting times may be possible. These are full-time (9-month) state-funded faculty positions with benefits and carry the option of competitively awarded summer funding. George Mason University has a strong institutional commitment to the achievement of excellence and diversity among its faculty and staff, and it strongly encourages candidates to apply who will enrich Mason's academic and culturally inclusive environment.

Responsibilities:

The successful candidates will be expected to: 1) teach and mentor students using novel approaches, 2) bring and maintain an extramurally funded research program, 3) and engage in professional service. Faculty will be expected to synergistically contribute to the development of multidisciplinary courses, degree programs and research.

Required Qualifications:

An earned doctoral degree in a public health discipline (such as epidemiology, behavioral or social science, biostatistics, health informatics, health policy, nutrition, nursing, exercise or rehabilitation science, social work, or environmental science) or an earned medical degree with graduate level training in one of these areas. Evidence of research excellence as measured by a positive trajectory of refereed publications in high impact journals and professional service. Evaluations of qualifications are relative to professional rank; candidates for associate and full professor appointments must have stature as extramurally funded principal investigators and meet the University's criteria for tenure.

Preferred Qualifications:

Candidates for associate or full professorships ideally will have experience with nontraditional adult learning and online teaching and evidence of mentoring doctoral students and postdoctoral fellows for academic appointments. Candidates for assistant professorships ideally will have postdoctoral fellowship training with an established trajectory of refereed publications, evidence of research funding (extramurally funded grants or awards), and be part of a relocating research team.

About the College of Health and Human Services:

The College currently comprises 6 academic units – Global and Community Health, Health Administration, Policy and Informatics, Nursing, Nutrition and Food Studies, Rehabilitation Science, and Social Work.

- Global and Community Health offers a BS in Community Health, MS in Global Health, and an CEPH accredited MPH with concentrations in Community Health Promotion, Epidemiology, Food Security and Nutrition, Global Health, Health Policy, Public Health Communication, and Public Health Practice, enrolling nearly 600 undergraduate and over 120 graduate students. The department comprises faculty with backgrounds in social and behavioral sciences, environmental and global health, and epidemiology.
- Health Administration, Policy and Informatics offers BS through PhD degree programs that build healthy communities for all by preparing health IT data managers and scientists, health services researchers, management and policy leaders focused on increasing the equity, effectiveness and efficiency of health services for individual and population health.
- Nursing offers BSN, MSN, DNP, and PhD degree programs with further specialized concentrations, and is home to the Mason and Partners (MAP) clinics which provide primary care and interprofessional experiential learning opportunities. Its mission is to prepare graduates for interdisciplinary roles as clinicians, researchers, educators, and administrators in an innovative, caring, and collaborative learning environment.
- Nutrition and Food Studies offers a MS in Nutrition degree program as well as a graduate certificate in nutrition and an undergraduate minor in nutrition. The mission of the Department is to inform students and the public about the role of food and nutrition in improving health and well-being among local and global populations through the integration of education, research, and outreach.
- Rehabilitation Science offers BS and PhD degree programs and brings together the expertise of many different disciplines and clinical professions to consider a single issue: how we can optimize human performance in daily life and develop new interventions to promote optimal function?
- Social Work offers BSW and MSW degree programs with an educational and research mission focusing on practice and policy interventions that improve health and well-being and promote economic and social justice, particularly for underserved individuals, families, and communities.

The College is home to approximately 1,800 undergraduate and 800 graduate students who are supported by 120 faculty and staff. Establishment of an epidemiology department is planned as

we transition to become a college of public health. Currently, the College offers 5 undergraduate degrees, 12 graduate degrees, and 11 certificates and is located in the new Peterson Family Health Sciences Hall that comprises 165,000 square feet of offices, conference rooms, classrooms, and wet and dry labs. In addition, the College has a soon-to-be finished population health clinic complete with an fMRI and DEXA scanners and exercise physiology and gait laboratories that will support its clinical care, research and training mission. The College is strategically transitioning to become a College of Public Health in the near future. Further information about the College may be found at: <https://chhs.gmu.edu>.

For full consideration, Applicants must apply for positions at <https://jobs.gmu.edu> under position number F7715Z. Please upload (1) a letter of interest and include your topical area: behavioral health (F7715Z), environmental health (F146AZ), health disparities and policy (F7656Z), or obesity (F9938Z); (2) curriculum vitae; and (3) research statement. Three reference letters will be required prior to campus interviews. The initial review of applications will begin on December 1, 2018 and will continue until the positions are filled. An offer of employment is contingent upon background verification.

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!

George Mason University, Where Innovation is Tradition.

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.