

# Biostatistics/ Bioinformatics

## Assistant Professor

**Updated:** Yesterday

**Job ID:** 214704

**Status:** Full-Time

**Regular/Temporary:** Regular

**Location:** Bethesda, MD, United States

### Join the HJF Team!

HJF is seeking a **Biostatistics/ Bioinformatics Assistant Professor** to support the School of Medicine located at the Uniformed Services University (USU) in Bethesda, Maryland. HJF provides scientific, technical and programmatic support services to the School of Medicine.

The mission of the Uniformed Services University of the Health Sciences (USUHS) is to provide high quality educational programs in the health sciences to selected individuals who demonstrate dedication to a career in the health professions of the uniformed services. The USUHS is authorized to grant appropriate advanced academic degrees and may establish postdoctoral and postgraduate educational programs. Programs in continuing education for military members of the health professions also may be established so as to maintain high standards of health care within the military medical departments. The USUHS is responsive to the educational needs of

the military departments with respect to the preparation of individuals for careers in the health professions.

This position is located in the USU, F. Edward Hebert School of Medicine, Department of Preventive Medicine and Biostatistics (PMB). The PMB department is responsible for providing a comprehensive education and training program appropriate to the training of medical and graduate students in preventive medicine, public health, biostatistics, tropical medicine, occupational and environmental medicine, and health services administration and for the development and conduct of educational programs in preventive medicine and biostatistics for graduate students postgraduate fellows, residents, and other DoD personnel as required. The Department is also responsible for the conduct of scientific research in current areas of interest and the professional exchange of findings.

The incumbent serves in a non-tenure track position as an Assistant Professor (Biostatistics/Bioinformatics Consultant) in the Biostatistics Consulting Center housed within the Department of PMB and a faculty member in the Department.

The incumbent will serve as Assistant Professor of Biostatistics in the Department of Preventive Medicine and Biostatistics, and is responsible for consulting, teaching, administrative assignments, and providing research project support in areas of biostatistics, bioinformatics, data science, and computational biology for USUHS faculty and students. This support will include advising faculty, staff and students in all

departments on preparation of research proposal and protocols, study design, sample size and power calculations, analysis of data and presentation of results, with a focus on projects involving large scale biomedical data sets.

**Responsibilities:**

1. Reviews and critiques research and development projects, and monitors and evaluates contractual research and development arrangements. Serves as research advisor to graduate students, and assists in planning programs, setting objectives and evaluating progress.
2. Participates in writing and editing for publication, texts, articles, monographs and other materials for use as study sources and for research purposes.
3. Incumbent is responsible for curriculum development for all required medical and graduate school courses in bioinformatics and other data science areas, and for coordination with other teaching programs of the department. Active participation in the form of directing or co-directing courses, giving lectures, seminars, etc. is required.
4. In coordination with other faculty members, assists in the planning and development of curricula and specific courses of study for the Department.
5. Incumbent may also be required to supervise medical students, graduate students and postdoctoral graduate assistants at the tutorial level in seminars and electives. Prepares materials for presentation and reviews student performance. Serves as principal advisor to predoctoral and

graduate students in their training programs. Prepares and presents lectures in areas of expertise.

6. Utilizes computer equipment and software for statistical analysis, graphics, data storage, data merging and manipulation, and word processing.
7. Meets with senior biostatistics faculty for at least one hour per week to review outstanding issues and obtain further direction, as needed.
8. Performs other duties as assigned.

**Required Knowledge, Skills and Abilities:** The incumbent must also have experience with electronic data management, data mining and machine learning methods. Knowledge of experimental design, strong communication skills, and a customer-service driven attitude are essential. Teaching experience preferred. The successful candidate must be academically qualified for a faculty appointment at the Assistant Professor level in accordance with USU academic guidelines.

**Minimum Education:** Master's degree required. Ph.D. preferred in biostatistics, computational biology, computational ecology, bioinformatics, data science, or related field.

**Minimum Experience/ Training Requirements:** 6-10 years of academic or clinical research-related experience; or PhD and 2-4 years of experience.

**Supervisory Responsibilities:** The incumbent is under the general direction of the Chairperson, Department of Preventive Medicine and Biostatics, and under the direct supervision of the Director, Biostatistics Consulting Center, who evaluates the incumbent's

performance.

**Work Environment:** Office

**Background/Security:** Eligibility to obtain a Common Access Card (CAC); eligibility to obtain and hold a Public Trust background.

Employment with HJF is contingent upon successful completion of a background check, which may include, but is not limited to, contacting your professional references, verification of previous employment, addresses, education, and credentials, a criminal background check, drug screening, and a department of motor vehicle (DMV) check.

HJF is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or protected veteran status.

*Any qualifications to be considered as equivalents, in lieu of stated minimums, require the prior approval of the Chief Human Resources Officer.*

Cordially,  
Frances S. Burman, MS



615 N Wolfe Street,  
Suite W6503  
Baltimore MD 21205-2179  
410-955-3926 (direct line)

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Senior Academic Program Manager  
Department of Epidemiology  
[FranBurman@jhu.edu](mailto:FranBurman@jhu.edu)  
[www.jhsph.edu/departments/epidemiology](http://www.jhsph.edu/departments/epidemiology)  
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