



**Staff Statistician/Senior Research Analyst
Position # 2100011D**

**Department of Epidemiology & Public Health
University of Maryland School of Medicine**

The Department of Epidemiology and Public Health, Division of Biostatistics and Bioinformatics, and the Department of Pathology at the University of Maryland School of Medicine (UMSOM) are recruiting for a Staff Statistician/Senior Research Analyst (SS/SRA). The SS/SRA is responsible for conducting independent data analyses, preparing data sets, requesting, extracting, and combining data from multiple platforms. The SRA will work under minimal supervision of the faculty biostatistician and will work with pathologists and National Cancer Institute (NCI) researchers and investigators from the University of Maryland Claude D. Pepper Older Americans Independence Center (Pepper Center).

This position is funded in part through an NCI contract, "Resource for Collection and Evaluation of Human Tissue." A large volume of data have been collected in part under this NCI contract. Data processing and analyses, including the capture of vital status data from the National Death Index and the identification of matched controls from the Maryland Motor Vehicle Administration database, are integral components of this contract. The other part of the funding comes from The Pepper Center, which is funded by the National Institute on Aging. Pepper Center investigators conduct research designed to help older adults avoid debilitating disease and promote recovery of function in those who have functional limitation. The SS/SRA will help Pepper Center investigators write grants, design, and conduct studies, analyze study data and participate in the writing of papers.

The Division of Biostatistics and Bioinformatics is the UMSOM hub for biostatistics and bioinformatics. We also house the Biostatistics Shared Service of the UM Marlene and Stewart Greenebaum Comprehensive Cancer Center (UMGCCC) as well as being one of the UMSOM Center for Innovative Biomedical Resources (CIBR) core facilities.

This is an exempt, regular position and offers a generous benefits package that includes 22 vacation days, 14 floating and observed holidays, 15 sick days; comprehensive health insurance and retirement options; and tuition remission for employees and their dependents at any of the University System of Maryland schools.

Essential Functions

- Design and conduct quantitative research projects, analyze findings, develop conclusions, develop and write reports, prepare presentations of relevant findings and conclusions, and recommend appropriate actions.
- Develop effective methods of data collection and assessment. Develop methods and tools to ensure validity and accuracy of data and compliance with quality control requirements.
- Establish and maintain database files, perform required data extraction through programming and report on progress of programs, studies, and/or projects. Duties include performing and supervising data collection. May receive, inventory, enter, organize, and verify validity of any collection data.
- Perform sophisticated data searches and exchanges using statistical software applications to generate standard and customized reports using statistical applications.

- Act as lead to summarize and prepare manuscripts, presentations, and proposals by providing and presenting statistical information as tables, charts, or graphs. Review work of support staff and determines how analysis will be presented.
- Communicate with providers regularly as part of the most complex data collection, analysis, and reporting process.
- Provide guidance, training, and mentoring to less experience personnel in qualitative and quantitative analysis.
- Perform other duties as assigned.

Qualifications - External

Education: Master's degree statistics or mathematics and two (2) years of statistical analysis experience analyzing studies using a range of statistical techniques in a related environment. or in a field of study related to the research.

Knowledge, Skills, and Abilities

- Proficiency with database and statistical software will be a requirement. Prior experience with statistical software such as R, SPSS or SAS essential.
- Excellent spoken and written communication skills. Ability to communicate thoughts and ideas to scientists, and lay people; excellent public speaking skills.
- Experience in a research office required.
- Basic understanding of medical terminology would be an advantage.
- The successful applicant must be able to work independently, under supervision by the project biostatistician, as well as interact with other members of the research team.

Hiring Range: Commensurate with education and experience.

If accommodations are needed, contact Staffing & Career Services at 410-706-2606, Monday – Friday, 8:30am – 4:30pm EST. Maryland Relay can be accessed by dialing 711 (in-state) or 1-800-735-2258.

Interested applicants should apply online and include: CV, names/contact information of three references, and a letter highlighting qualifications/interests. <https://www.umaryland.edu/jobs/> . Reference position # 2100011D

Questions about this position should be directed to: Joella Trenchard, Recruitment Coordinator, jtrenchard@som.umaryland.edu.

University of Maryland Baltimore is an AA/EEO/ADA employer. Minorities, women, veterans and individuals with disabilities are encouraged to apply.