Job Title: Sr. Biostatistician  
Role: ACRP  
Level: 4  
Range: ME  
Department: Bayview Department of Medicine, Division of Geriatric Medicine  

General Summary:  
The Johns Hopkins Center on Aging and Health (COAH), a multidisciplinary research organization jointly sponsored by the Schools of Medicine, Public Health and Nursing, supports a Sr. Biostatistician. The Sr. Biostatistician collaborates with investigators on research projects with primary responsibility for analysis and presentation of project data. S/he designs, implements and manages computerized systems for analysis of complex research projects to prepare scientific presentations related to study results.

Duties and Responsibilities:  
• Design tables and statistical procedures for specific research studies.  
• Write statistical computer programs and reviews output for consistency and quality.  
• Analyze data and prepares tables for interim and final reports.  
• Collaborate with investigators to develop objectives, designing, sampling, randomization, and data collection procedures to achieve study objectives.  
• Develop and apply new statistical methodologies.  
• Prepare analyses with general direction from investigators.  
• Make significant contribution of conclusive thought to publications.  
• Write statistical design, methods, and analysis for research proposals.  
• Assume significant role on research project team, e.g. serves on committees, supervises project personnel, coordinate q/c efforts.  
• May function in a central data center for a large department, school, or unit.  
• Independent, substantive contact with other internal and external investigators or study staff.

Essential Job Functions:  
Proficiency in the goals, standards, policies and procedures, and protocols of the research study, and is sensitive to the interrelationship of study participants, staff and research investigators; knows the policies and procedures of the University’s research administration in relation to Human Subjects Research and IRB guidelines.

Reports to:  
David L. Roth, PhD, Director of the Center on Aging and Health; and Brian Buta, COAH Administrator.

Qualifications:
Master's degree in biostatistics, epidemiology, or related scientific field required. Strong quantitative skills and applied data analysis experience preferred. Three years related experience required. Demonstrated ability on significant graduate project or additional doctoral education may substitute for some experience.

This description is a general statement of required duties and responsibilities performed on a regular and continuous basis. It does not exclude other duties as assigned.