Hearing Research Statistician/Analyst – Open Rank

The Hearing Research Program at the Medical University of South Carolina (MUSC) is comprised of scientists from several MUSC departments and colleges who conduct research along the continuum from basic to human research. We are searching for a collaborative colleague who specializes in applied statistical analysis and methods. A primary role involves analyzing data from an aging cohort of healthy adults who have been followed longitudinally for up to 28 years to elucidate reasons for age-related hearing loss and communication difficulties. Based in the MUSC Department of Otolaryngology-Head and Neck Surgery, this faculty member will be involved as a team scientist in a variety of activities, which will include: decisions on data collection, management, and quality control; experimental design and development of research protocols and outcomes; scientific question development/analysis; and manuscript writing for publication. Participation in the development of new grants and/or renewals of current grants is likely. Some research and teaching opportunities in other MUSC departments/colleges may be available.

Qualifications: The successful applicant will have expertise with multivariable longitudinal analyses, including both fixed and random effects, multi-level modeling, nonlinear regression, Bayesian methods, and non-parametric testing. Strong skills are needed in descriptive analysis, modeling of data, and graphic interfaces. The applicant should also have knowledge of relational databases and be proficient in either R/STATA/SAS programming. The successful applicant will also have excellent communication skills and enjoy working with investigators who have a wide range of expertise.

Application Procedures: Please complete an online application at [http://www.jobs.musc.edu/postings/34315](http://www.jobs.musc.edu/postings/34315) and upload a Curriculum Vitae (including names and contact information for three references) and a cover letter with a summary of your scholarly activities and research interests, a statement of your career goals, and how this position can help you achieve your goals.

Review of applications is ongoing and will continue until the position is filled. Start date is flexible.

About the MUSC Hearing Research Program: The mission of the Hearing Research Program is to advance our understanding of the mechanisms and effects of hearing loss, to improve diagnostic methods, intervention procedures, and prevention strategies. The Department of Otolaryngology-Head and Neck Surgery in the MUSC College of Medicine includes faculty conducting research in all subspecialty areas and is currently ranked 9th in NIH awards to departments of otolaryngology.