Postdoctoral Researcher Opening

**Company Information:** The research group led by Dr. Dongjun Chung in the Department of Public Health Sciences at the Medical University of South Carolina (MUSC) invites applications for a Postdoctoral Researcher position. The research in the group focuses on the development of novel statistical methods to solve cutting edge problems in statistical genetics, cancer genomics, and bioinformatics. Our current projects include: development of statistical models for integration of genome-wide association studies (GWAS) data for multiple phenotypes, identification of cancer subtypes by integrating multiple types of cancer genomics data, modeling of high-throughput sequencing data, and utilization of public biomedical data including genomic annotation data, pathway databases, and biomedical literature. The position will provide an excellent opportunity to work within an established multidisciplinary research team consisting of biostatisticians, bioinformaticians, and geneticists.

Founded in 1824 as the first school of medicine in the southeastern U.S., MUSC is now the core of the state’s largest medical complex and the largest employer in the metropolitan Charleston area with nearly 13,000 employees. The university ranks in the top quartile of domestic educational institutions in number of NIH grants for research training and education. The Charleston peninsula is known for its rich history, well-preserved architecture, distinguished restaurants, and eclectic musical and cultural events. Charleston enjoys a temperate climate, access to beautiful beaches, and outdoor activities year-round.

**Position Title:** Postdoctoral Researcher

**Duties and Responsibilities:** The primary focus will be to develop statistical methods for the integration of genome-wide association studies (GWAS) data for multiple phenotypes, along with various types of genomic annotation and biomedical literature text mining data. Additional opportunities may be available to conduct analysis and modeling of GWAS, genomic annotation, and biomedical literature text mining data.

**Position Qualifications:** A recent graduate with a PhD or equivalent in statistics, biostatistics, or related field with strong interest in statistical genetics or bioinformatics. The ideal candidate is expected to have extensive experience in developing and implementing Bayesian models to solve bioinformatics problems. Previous experience working with genetic data will be a plus but not required. However, strong interest in statistical genetics or bioinformatics is required.

**Salary Range:** Full-time appointment with salary of $65K.

**Benefits:** Competitive full benefits package.

**Website:** https://sites.google.com/site/statdchung/

**Application Information:** Questions regarding the position should be directed to Dr. Dongjun Chung (chungd@musc). To apply, please first submit the job application at the Human Resources @ MUSC website (http://careers.pageuppeople.com/756/cw/en-us/job/496754/univ-biostatisticsbioinformatics-associate-public-health-sciences). Please also submit (1) a cover letter describing research interests and experience, (2) CV, and (3) the names and contact information of three references to chungd@musc.edu with the subject line "[POSTDOC]."

**Contact Email:** chungd@musc.edu

**Deadline:** Review of applications will begin immediately, until the position is filled.