**Research Associate in Biostatistics**

**Job Purpose:** To design and conduct statistical analyses for the NICHD Fetal Growth Study-ECHO Project. The NICHD Fetal Growth Study-ECHO Project is a multi-center study with 10 clinical sites across the United States that is also part of the larger NIH-funded ECHO consortium, which in total plans to follow 50,000 children over a 7-year period. The Research Associate will be responsible for conducting statistical analyses, interpreting results, and writing statistical sections for study reports and published manuscripts, and assisting in the development of new statistical methodology related to fetal growth. There may also be opportunities to develop and lead statistical methodology papers. The Research Associate will be supervised by Dr. Brian Neelon in the Department of Public Health Sciences at the Medical University of South Carolina.

**Job Responsibilities and Duties:**

1. Prepare analysis plans and conduct statistical analyses using SAS and R software. (35%)
2. Maintain detailed documents of all analytic methods and programming code. Communicate results to study investigators in a clear and concise manner. Provide written summaries of statistical methods for reports and published manuscripts. (35%)
3. Work with Dr. Neelon to develop new statistical methodology. (25%)
4. Serve as a project representative for a National consortium data coordinating center and data analysis working groups. Participate in monthly webinars. Interact with NIH personnel as well as ECHO investigators at the national level. (5%)

**Required Education and Experience:** A master’s degree in biostatistics or related quantitative field.

Required Skill/Ability 1: Experience performing advanced statistical analyses, including analysis of multivariate, correlated and longitudinal data.

Required Skill/Ability 2: Proficiency with both SAS and R statistical programming languages.

Required Skill/Ability 3: Outstanding organizational skills and attention to detail.

Required Skill/Ability 4: Excellent written and oral communication skills.

Required Skill/Ability 5: Ability to work collegially as part of a large collaborative team.

**Preferred Education and Experience:** PhD or master’s in biostatistics or related quantitative field. Demonstrated ability to write statistical methodology sections for published manuscripts. Interest in Bayesian hierarchical modeling. Interest in developing new statistical methodology to examine associations between environmental exposures and fetal growth trajectories.

**To Apply:** All interested applicants should apply online using the link below.