Department of Biostatistics and Bioinformatics

Biostatistician II

Occupational Summary
Under the guidance of the Biostatistics Core management team in the Department of Biostatistics and Bioinformatics, perform intermediate-level statistical analysis and programming for Duke affiliated prospective and retrospective studies. Collaborate on a multidisciplinary team of physicians, external government or industry representatives, and faculty statisticians. Anticipate the statistical and data needs of each project for publications in peer reviewed journals.

Work Performed
Participate in most statistical aspects of medical research projects, with supervision or assistance when needed. Independently generate descriptive and basic test statistics, analyze basic data requests and generate statistical modeling results. Learn new statistical methods as needed, and apply skills to future projects. Represent the functional group in project team meetings and contribute constructively to project discussions. Provide written documentation of work with statistical analysis plans and reports. Present statistical work in group meetings. Understand the scope of work and provide estimates of hours necessary to complete projects and tasks.

Collaborate on any phase of a project, from initial meetings to final review of a manuscript, with guidance. Build documentation and organizational skills to effectively return to a project after long intervals. Contribute meaningfully to discussions of analyses and identify next steps for analyses. Create analysis data set specifications with commonly used statistical languages (SAS, Stata, R). Perform complex programming with large and/or relational databases.

Manage project responsibilities with decreasing levels of supervision or regular support and take initiative to complete project-specific responsibilities with minimal supervision. Demonstrate the ability to multi-task and meet needs of multiple collaborations. Opportunity to supervise master’s student theses.

Preferred candidates would have intimate knowledge of standardized reporting tools, advanced statistical programing and database management ability, experience analyzing and processing large observational databases, strong familiarity in advanced statistical methods.

Education
Work requires a minimum of a Master’s degree in (bio)statistics or related field and no relevant experience.
**Experience**

**OR AN EQUIVALENT COMBINATION OF RELEVANT EDUCATION AND/OR EXPERIENCE**

Prior contribution to analysis of research projects, a working knowledge of SAS or statistical software, and solid command of the English language is required.

**To Apply**
Interested applicants must apply directly online at [http://www.hr.duke.edu/jobs](http://www.hr.duke.edu/jobs). Requisition #401156680.