Department of Biostatistics and Bioinformatics

Biostatistician III

Occupational Summary

Under the leadership of the Biostatistics Core management team in the Department of Biostatistics and Bioinformatics, manage project responsibilities independently. Collaborate effectively with clinical investigators on multiple ongoing projects. Perform a variety of advanced biometrical statistical and technical activities for the design, analysis and interpretation of statistical data in conjunction with an academic research program based in one of the departments, centers or institutes of the University. Participate in collaborative efforts to provide statistical support for the projects coming through the Biostatistics Core.

Work Performed

Independently provide the statistical input required in the design and analysis of major scientific research studies.

Evaluate research studies and recommend statistical procedures, including, but not limited to, hypothesis tests, regression models and multivariate analysis to analyze the data.

With minimum or no guidance, perform complex statistical analyses for a broad spectrum of types of data and types of studies. Learn new statistical methods and apply new skills to future projects.

Prepare reports that summarize the analysis of research data, interpret the findings and provide conclusions and recommendations.

Consistently demonstrate leadership and time management qualities in a variety of settings and through multiple experiences; manage project responsibilities independently across a variety of different projects.

Work with investigators to identify new research that should be conducted and develop proposals for statistical collaboration on such projects.

Participate in the design and delivery of educational modules to present to medical investigators and biostatistics core training & internship program participants.

Provide training for other employees engaged in the Biostatistics Core. Present talks, seminars or other oral presentations of the methodology and analyses used in scientific studies. Opportunity to supervise master’s student thesis.
Participate in the preparation of manuscripts that are submitted for peer review publication and the preparation of grant proposals.

Attend and participate in staff meetings and Core seminars.

Perform other related duties incidental to the work described herein.

**Education/Training**

Position requires a minimum of a Doctoral degree in (bio) statistics or related field and no relevant experience, or a Master’s degree in (bio) statistics or related field and 2 years relevant experience, or a Bachelor’s degree in (bio) statistics or related field and 4 years relevant experience.

**Experience**

Contribution to analysis of clinical trials and/or clinical research projects, and/or participation in preparation of academic manuscripts or other written summaries of analysis results, thorough experience with SAS and R, and solid command of the English language is required. Desirable experience includes prior role as a lead statistician on clinical trials and/or clinical research projects that have delivered the agreed-upon end products on time, and prior guidance of lower level or less experienced staff.

**To Apply**

Interested applicants must apply directly online at [http://www.hr.duke.edu/jobs](http://www.hr.duke.edu/jobs). Requisition #401156896.