Duke University School of Nursing: Statistician III

Requisition # 400985403

Submit application through http://www.hr.duke.edu/jobs/

Job Code: 2240

Pay Range $59K - $96K

Job Description: Perform a variety of intermediate and advanced statistical and technical activities associated with the clinical and academic research conducted by the School of Nursing, including, but are not limited to, the statistical design, data collection, data compilation, data management, and data analysis.

Supervisor: This position reports to the Director, Research Administration, Office of Research Affairs

Essential Duties:

- Perform a variety of intermediate and advanced statistical and technical activities for the statistical design, data collection, data compilation, data management, and data analysis, in conjunction with the research programs in the School of Nursing.
- Work as a member of the School of Nursing’s Statistical Core, Office of Research Affairs, and with relevant research teams.
- Assist in the statistical design, execution and analysis data of the study protocol.
- Analyze large and small data sets.
- Perform data programming, management, and cleaning.
- Structure and maintain data files for proper access and use. Ensure data security.
- Responsible for maintenance and dissemination of comprehensive code books to investigator for each dataset.
- Monitor database performance and serve as a quality control agent for database use.
- Provide backup and recovery services.
- Operate computer hardware and statistical analysis software to manage and analyze data.
- Perform statistical analyses for a broad spectrum of types of data and studies. Prepare written reports and results sections of manuscripts as required.
- Provide oral presentations of statistical or technical scientific information to inform and report on the progress of research studies.
- Prepare training and teaching material.
- Provide statistical support for students, faculty and staff as needed.
- Perform other related duties incidental to the work described herein.

The above statements describe the general nature and level of work being performed by individuals assigned to this classification. This is not intended to be an exhaustive list of all responsibilities and duties required of personnel so classified.

Qualifications:

Required: Work requires a Master's degree in statistics or biostatistics. Work requires two years of relevant professional experience. Additional advanced coursework beyond the master's degree may be included as experience. Strong knowledge of SAS and Excel.

Preferred: Working knowledge of SPSS, Access, or other data management and analysis systems. Good functional knowledge of standards in good clinical practice, data security and confidentially.

Expectations: Will provide timely communication in response to emails, phone calls or verbal conversations within 1-2 business days unless an alternative timeframe is determine. Provide statistical support for funded and unfunded statistical needs for the School of Nursing and Duke Health System nursing. To work with faculty, staff and students with statistical data needs and respond appropriately to timeline expectations supporting the PhD prepared statisticians as needed.