Senior Biostatistician

Atlanta, Georgia
3 weeks remaining

Emory University

Emory, a private research university of international reach where courageous ideas achieve positive transformation in the world.

Develops and analyzes a variety of research data using statistical methods. Assists researchers in developing appropriate study protocols and computer analyses. Manages computer systems, writes programs, and trains others in the use of systems. Keeps abreast of the latest statistical modeling and computing tools. Participates in the development and selection of appropriate statistical methods and tests, sample size calculations and creation of randomization schedules. Prepares statistical method sections for inclusion in study protocols. Reviews the design and content of database designs and data edit checks. Develops and validates SAS programs to support statistical analyses. Provides interpretations of statistical results, and prepares the relevant statistical sections for study reports.

Creates and maintains biostatistical documentation, including descriptions of methods, SAS programs and results. Prepares electronic files using appropriate formats for submission to regulatory agencies. Participates in the development of standardization procedures for statistical functions. Reviews and audits statistical analysis plans, SAS programs, and statistical reports including tables, listings, and figures. Provides guidance to more junior biostatisticians. Evaluates and proposes new statistical methods for data analysis. Assigns and monitors activities of other project personnel. Assist in setting priorities of work to be done. Provides support and serves as a resource to biostatisticians, programmers, and data analysts. Participates in training of less senior biostatisticians and other team members.

Provides input into the evaluation of their team members. Reviews and helps prepare statistical and database management sections of NIH grant applications and other externally supported proposals prior to submission. Writes statistical methods section of manuscripts for publication. Writes and/or revises quantitative, epidemiologic, and medical sections of manuscripts. Helps estimate budgets for biostatistical support for larger, more involved clinical studies (NIH program project grants, multicenter clinical trials etc). Monitors data collection, institutes procedures to assure data quality and guarantees study protocols are followed appropriately. Performs related responsibilities as assigned.

MINIMUM QUALIFICATIONS:

A master’s degree in statistics, biostatistics, computer science, or a related field and three years of experience as a biostatistician, preferably in an academic setting, OR an equivalent combination of education, training, and/or experience. Proficiency in modern high level statistical languages such as S-PLUS or SAS and in database management.