Job Description

The Biostatistics and Epidemiology Division at RTI International (RTI) is currently seeking a Statistician. As a Statistician you will work in a variety of fields, including epidemiology, health policy, global health, and clinical trials. This position requires the ability to work independently and as a member of a team to deliver high quality work. Your daily work would involve data management, data analysis, quality control and report preparation. Expect frequent interaction with other team members and with investigators, project managers and data managers. This position is located at RTI International Rockville office.

Responsibilities

- Manage large datasets; move and merge data files from different platforms, clean, aggregate data and perform quality control.
- Organize and create documents related to databases: keep track of the status of datasets and communicate with data sources about data accuracy and data dictionary; clearly label variables and define variables through detailed description in the database.
- With supervision, contribute to developing clinical trials study design and analysis plans.
- Carry out statistical analyses using SAS, or similar statistical programs and summarize and present findings to investigators.
- Collaborate with investigators to help them formulate research questions in statistical terms.
- Act as a statistician for assigned research protocols which includes collaborating with study coordinators and data managers
- Contribute information and assist in preparing presentations and writing reports for scientific journals and other publications.
- Ensure data security and compliance with data use agreements by becoming knowledgeable about, and strictly adhering to, the policies and procedures set forth by contractors in their data use agreements.
- Carry out appropriate professional development and scientific stature efforts.

Qualifications

- Master’s degree in Statistics, Biostatistics, Biomathematics, or Mathematics with 1+ years of non-academic related experience (experience is required but it could be experience while in school such as an internship or graduate research assistant).
- Candidate must have experience with SAS and Excel. (Sample of SAS code required)
- Demonstrated data manipulation and data management skills.
- Demonstrated basic statistical modeling skills such as Regression and logistic models.
- To qualify, applicants must be legally authorized to work in the United States and should not require now, or in the future, sponsorship for employment visa status.

Desired Skills

- Familiarity and/or experience with research protocols (power and sample size calculations, randomization schemes, analysis plans including interim monitoring for clinical trials)
- Excellent written communication skills as evidenced in the cover letter.
- Experience with R.
- Knowledge of correlational, experimental and longitudinal statistical methods, procedures and
testing.
- Individual must have the ability to work independently and as a member of a team to deliver high quality work.
- Experience with contributing to proposals (opportunities will exist for writing proposal sections and reports).

About RTI

RTI International is one of the world’s leading research institutes, dedicated to improving the human condition by turning knowledge into practice. Our staff of more than 3,700 provides research and technical services to governments and businesses in more than 75 countries in the areas of health and pharmaceuticals, education and training, surveys and statistics, advanced technology, international development, economic and social policy, energy and the environment, and laboratory testing and chemical analysis.

Equal Opportunity Employer

We are proud to be an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law.

Closing Statement

RTI participates in the US Government E-Verify program. Further information regarding the E-Verify program and laws that are designed to protect you against discrimination relating to your legal right to work in the US can be found at [www.rti.org/jobs](http://www.rti.org/jobs).