The American College of Surgeons is a professional and educational organization of surgeons that was founded in 1913 to raise the standards of surgical practice and improve the quality of care for surgical patients. The College is dedicated to the ethical and competent practice of surgery. Its achievements have significantly influenced the course of scientific surgery in America and have established it as an important advocate for all surgical patients. The College has more than 80,000 members and is the largest organization of surgeons in the world. For more information, visit www.facs.org.

Summary: The purpose of this position is to develop, execute, co-ordinate, and maintain integrated data analysis and programming solutions to support statistical analysis and reporting for a variety of research activities related to TQIP/NTDB. The ideal candidate has familiarity with the healthcare industry, research experience, solid SAS skills, and is comfortable working in a fast-paced team environment.

This Exempt level position will report to the Senior Statistician in the Division of Research and Optimal Patient Care.

Primary Responsibilities:

- Conduct statistical and descriptive analysis for TQIP reporting using SAS programming.
- Develop and maintain SAS code in support of descriptive and statistical analysis for TQIP, including programming, testing, and documenting statistical programs; programming of database quality control checks; ensuring validation plan is in place and implemented; and identifying and addressing opportunities for improvement in quality/efficiency.
- Design and implement reports and analytic strategies based on research questions, including data summary tables, figures, and narrative summaries to present results to internal team and formatting presentation quality reports.
- Create and optimize programming infrastructure, which includes harmonizing programming, business processes and related SOPs to increase efficiency and accuracy.
- Other duties as assigned

Requirements

- Master’s degree in Statistics, IT, Math, Epidemiology, Social or Natural Sciences required.
- Two or more years of relevant professional experience preferred.
- Mastery of fundamentals in statistical methods for categorical data analysis such as logistic regression and survival analysis.
- Solid SAS programming skills including SAS BASE, STAT, SQL, GRAPHICS, ODS, REPORT and SAS MACRO required.
- Solid understanding of statistical reporting and data management programming principles (e.g., transposing and summarizing raw data and statistical results, creating graphical data summaries) required.
- Excellent communication skills (verbal and written) necessary to effectively interact with all levels of organization.
- Familiarity with relational databases and knowledge of SQL desired.
- Basic understanding of business intelligence and data warehousing desired.
• Excellent team player with good communication skills.
• Ability to work independently and take ownership of projects.
• Proven planning and organizing skills.
• Display high level of energy and thrive in a fast paced environment.
• Experience in Associations, healthcare, and/or education a plus.

Physical/Work Environment: Fast paced with significant people interaction. No lifting over 20 pounds, minimal reaching bending and stooping. Normal office environment with long hours in front of the computer.

Other Necessary Requirements: Evening or weekend duties may be required. Moderate travel for activities such as out of town meetings is required.

The American College of Surgeons is committed to working with and providing reasonable accommodations to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the employment process, please send an e-mail to recruitment@facs.org or call (312) 202-5000 and let us know the nature of your request and your contact information.

Equal Opportunity Employer of Minorities, Females, Protected Veterans, and Individuals with Disabilities

https://www.statsjobs.com/jobs/statistician-american-college-of-surgeons/