RESEARCH ANALYST / STATISTICIAN / DATA SCIENTIST

AMGA is looking for individuals with an avid interest in health analytics, research, and translation. Join us in discovering variation in care processes, clinical outcomes, and cost, where our cross-cutting comparisons and actionable analyses are yielding tangible improvements in population health. Mirroring the cultures of our member organizations, we work as an innovative team, thriving on flexibility in a supportive environment to meet your goals for personal and professional growth. This is an opportunity to put analytics to work, changing health care for the better.

DATA-DRIVEN HEALTH CARE IMPROVEMENT — AMGA is a trade association located in Old Town Alexandria, Virginia. Our members are multispecialty medical groups and integrated systems of care with more than 175,000 physicians, providing coordinated, high-quality, high-value care to one in three Americans. To learn more, visit www.amga.org.

AMGA Analytics works directly with member organizations, helping them use data to drive clinical decision-making, enhance patient-centered care, redesign care delivery systems and processes, and improve population health. Through a partnership with Optum, AMGA has access to an unparalleled clinical data resource—longitudinal EHR and claims data for more than 30 million patients.

or send your cover letter and resume to Cindy Shekailo at CShekailo@amga.org

Summary of Responsibilities

- Provide guidance across multiple projects; serve as statistical resource for research studies, and strategic analytic initiatives
- Apply advanced analytic skills to design statistically sound analytical approaches and compelling data visualizations that support population health improvement for medical groups and integrated health care systems across the US
- Analyze integrated administrative & clinical data using statistical and data visualization software such as SAS, Stata, R, & Tableau
- Design and generate reports, provide insights, and interpret analytic results in clinically meaningful terms
- Develop and maintain documentation of data extracts and develop policies and procedures for data management, and other elements of sound research practices

Minimum Requirements

- Master’s degree in public health, statistics, epidemiology, or other related field, plus a minimum of 3 years’ post-graduate experience. Expertise in statistical software such as SAS, Stata, R, or SPSS
- Proven ability to “tell a story with data,” conveying complex concepts to audiences with multiple perspectives, at different levels of sophistication, including chief medical and quality officers, front-line care teams, and operations executives
- Inquisitive and creative problem solver who makes intuitive and collaborative decisions for population health improvement
- Experience in outcomes research design and execution, statistical analysis techniques, preparation and presentation of findings
- Good communication skills; demonstrated ability to work collaboratively in a team environment

Additional Preferred Skills

- Proficiency with Tableau or other advanced data visualization software
- Expertise in research involving analysis of clinical, operational, administrative, and/or financial health care data, including qualitative and quantitative methods
- Experience in data mining, machine learning, predictive modeling, cluster analysis, Bayesian statistics, clinical risk adjustment
- Demonstrated experience in proposal preparation, including literature review, and scientific journal manuscript preparation
- Health care experience, including operations, quality improvement, and translation