ARBOR RESEARCH
COLLABORATIVE
FOR HEALTH

CAREER OPPORTUNITY:
Health Care Research SAS Programmer

Arbor Research Collaborative for Health seeks an experienced SAS Programmer to join the Data Services team. This position's primary responsibility will be working with data from large clinical or claims data warehouses and implementing and maintaining production data systems to support research goals. Arbor Research projects range from national level policy research to both national and international wide clinical studies. SAS and Microsoft SQL Server are the primary data platforms. The successful candidate will be well versed in using SAS to work with complex and large healthcare datasets and have demonstrated proficiency in using SAS version 9 and above with data steps, macro, and Proc SQL. Experience with other relational databases or data warehouse is a strong plus. Experience in technical lead and project management is desired.

Arbor Research Collaborative for Health, a not-for-profit organization located in Ann Arbor, MI, is the preferred employer for professionals passionate about improving health care policy, health care delivery, and health outcomes through evidence based research. At our core, we value collaborative spirit, creativity, credibility, and dedication. Our interdisciplinary team brings together expertise from a variety of fields and disciplines to answer complex research questions by thinking across boundaries and generating innovative approaches.

Bright, enthusiastic individuals thrive at Arbor Research. We provide a rich benefits package along with high quality learning and development opportunities, and a casual yet professional work environment in support of achieving a positive work/life balance. These attributes provide our dedicated employees the flexibility to work collaboratively and creatively in order to make credible contributions to the research community. Join our diverse and dynamic team today and contribute to the improvement of patient care in the future!

More information about this opportunity and the benefit program at Arbor Research is available on the careers page at www.ArborResearch.org.

Characteristic Duties and Responsibilities
- Develop and utilize advanced knowledge of project specific data structure and organization, study protocol and research design
- Analyze user requirements and translate to implementation design
- Design and implement systems of code for implementation in individual projects, ad-hoc requests, standard analytic files, and reports
- Specify and develop project-specific tests within the established testing framework for the project
- Efficiently and independently perform exploratory analyses and respond to research questions and data requests from funding sources, project staff, and the other stakeholders

- Work collaboratively with internal and external programming, analytical, and project administrative staff to ensure accuracy of data analyses, maintain and enhance data products (Standard Analytical Files, Reports), and improve data management process
- Discuss and plan complex projects with technical and non-technical audiences
- Explore new technology and tools on a continuous basis
- Develop leadership skills
- Take initiative in leading new data-related projects

Additional duties, optionally assigned as needed

- Provide technical oversight to programmers with assignments on the project
- Coordinate with members from other teams to ensure the project requirements are met
- Formulate a technical development plan, assigning technical tasks to appropriate personnel, predecessors, and timeline

Core Values

Our core values define who we are as an organization and serve as the foundation of our code of ethics. Arbor Research expects all employees to embody these and demonstrate them in our day-to-day work.

Collaborative Spirit
We expect each staff member to learn from and teach one another, and ask each to exhibit a curiosity and respect for the contributions of others.

Creativity
We strive to cultivate a challenging, stimulating, and supportive environment where our employees are expected to be inquisitive, take initiative, and demonstrate ingenuity.

Credibility
Our employees are smart, thoughtful, and objective in their work. We expect them to be technically solid in their area of expertise, and for those conducting research to demonstrate scientific rigor.

Dedication
Our team achieves success because of our dedication to carrying out high quality work and delivering trusted results.

Supervision Received

General administrative supervision is received from the Director of Data Services.

Supervision Exercised

None

Required Qualifications

- Bachelor's degree with five (5) years, or Master's degree with 18 months, progressively more responsible programming experience demonstrated by SAS experience using SAS Base including data step, Macro processing, PROC SQL, or equivalent combination of education/experience
- Demonstrated ability to write code that is clearly readable and efficient, and explain to a variety of audiences
- Demonstrated experience using a variety of procedures within Base SAS or other SAS products to respond to user requests received from a variety of business departments
- Experience handling complex data sources
- Demonstrated ability to analyze and translate user requirements into implementation design

- Previous involvement in the evaluation of complex business problems
- Familiarity with SAS statistical procedures
- Excellent understanding of statistical concepts and fluency in analytical approaches for health care outcomes, demonstrated by previous experience using health care related data

Desirable Qualifications
- Experience with other relational databases or data warehouse
- Experience planning and managing complex technical tasks and timelines among a small team
- Familiarity with office, development, and planning tools such as JIRA, MSProject, and MSExcel

Visit https://www.arborresearch.org/Careers/Opportunities.aspx to apply. Job Applicants must submit a personalized cover letter and resume.

No Recruiters or Staffing Firms please

E-Verify is an Internet based system operated by the Department of Homeland Security (DHS) in partnership with the Social Security Administration (SSA) that allows participating employers to electronically verify the employment eligibility of their newly hired employees in the United States. Arbor Research Collaborative for Health participates in E-Verify to confirm that individuals offered employment are legally authorized to work in the United States.

Arbor Research Collaborative for Health is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, religion, color, national origin, sex, age, sexual orientation, gender identity, status as a protected veteran, or status as a qualified individual with a disability. Arbor Research Collaborative for Health provides reasonable accommodation upon request, in accordance with State and Federal laws.