The Johns Hopkins University Bloomberg School of Public Health

Senior Research Data Manager Applied to Healthcare Analytics and Predictive Modeling

The Johns Hopkins ACG® research and development team, based at the Johns Hopkins Center for Population Health IT (CPHIT), is seeking a senior, supervisory health care research analyst working in the area of predictive modeling and case-mix risk adjustment.

The Johns Hopkins ACG R&D team is a global leader in health care risk adjustment and predictive analytics. The analyst will have an opportunity to contribute substantively to the award-winning ACG System, a global case-mix adjustment and predictive modeling software package. The analyst will also participate in applied research projects. ACGs are an advanced predictive analytics software tool applied in 18 nations to manage the care of over 100 million patients based on digital health care data sources. See: http://acg.jhsph.org/

The analyst will help oversee the research agenda of a team of seasoned analysts. Housed within the JHU Bloomberg School of Public Health, and in collaboration with CPHIT, the research endeavor provides the opportunity to meld the intellectual assets of a great university in service of important applications within the health care industry. CPHIT collaborates closely with other departments at the Schools of Public Health, Medicine and Nursing on the Medical campus, as well as the Department of Computer Science on JHU’s Arts & Science/Engineering campus. CPHIT also collaborates closely with the Johns Hopkins Health Systems and several leading integrated delivery systems and government health agencies. See: http://www.jhsph.edu/cphit

We are seeking someone with a terminal level degree (PhD or MD) or equivalent advanced training and experience in a data/information science discipline. Ideally the candidate will have extensive experience working with digital health or health care data. Familiarity with the US health care system, insurance claims process, and case-mix adjustment are preferred. Experience with electronic health records is desirable.

Responsibilities:

- Independently frame and manage research projects
- Provide technical expertise in design and development of analytic plans
- Conduct sophisticated computer programming and statistical modeling using C, SAS, or SPSS
- Develop and keep current a strategic plan for ongoing research agenda
- Coordinate and support the ACG related committees (e.g., ACG’s Technical Advisory Board)
- Collaborate with faculty and staff to incorporate their ideas into the research agenda
- Present on current research at professional and user-oriented conferences
- Support the translation of research into product specifications and documentation
- Maintain oversight of the research budget and ongoing research activities
- Manage internal knowledge and data assets pertaining to ACG development

Required Experience:
- At least 5 years of experience (private sector or academe) working with health care analytics, preferably related to case-mix risk adjustment predictive models
- Applying the tools of research, including research design, biostatistics, and analytical toolkits such as advanced SAS and R
- Applying academic training to resolve actual issues in non-academic settings
- Solid grounding in health services research, and public health/population health
- Project management, including development of work plans and timelines, budgeting, and supervision of staff
- Advanced degree, preferably a terminal degree or equivalent

Since advanced knowledge of English is a requirement, the applicant must have one or more degrees from an English speaking university or several years of work experience in an English speaking setting.

Competitive salary and extensive benefits, including 50% college tuition (at any university) for dependent children.

The position is available immediately.

This position represents a unique opportunity to gain experience working within one of the largest and most highly regarded health related research universities in the world. There will be opportunities to work with private and public organizations across the US and the globe. The setting is dynamic, interdisciplinary, collegial and mission driven. There are many opportunities for career advancement.

The Johns Hopkins University embraces human diversity and is committed to equal employment opportunity, affirmative action, and eliminating discrimination.

To apply to this position please send CV and cover letter to CPHIT coordinator Elyse Lasser, elasser1@jhu.edu. Also please address any questions to Ms. Lasser.