The Johns Hopkins Center for Population Health IT (CPHIT) seeking Post-Doc in Health Informatics / Computer Science Applied to Health Care

The Johns Hopkins Center for Population Health IT (CPHIT) is seeking a post-doctoral candidate to collaborate with faculty doing research and development work in the field of health informatics / computer science applied to health care and public health.

CPHIT is based at the Johns Hopkins University (JHU) Bloomberg School of Public Health Department of Health Policy and management and 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 JHUs Arts & Science/Engineering campus. CPHIT also collaborates closely with the Johns Hopkins Health Systems and several leading integrated delivery systems and government health agencies.

More information on the available resources at:

> CPHIT: http://www.jhsph.edu/cphit
> JHU: http://departments.jhu.edu/
> The Division of Health Sciences Informatics: http://dhsi.med.jhmi.edu
> The Department of Computer Science: http://www.cs.jhu.edu/

This Post-Doc position represents a unique opportunity to gain mentored experience working within one of the largest and most highly regarded health related research universities in the world. The candidate will have the opportunity to work closely with health informatics, computer science, methodologies, public health and medical faculty undertaking a wide array of information science related projects focusing on the application of electronic health records, electronic health care administrative records, and consumer e-health/m-health data applied to the improvement of health care systems, public health agencies and programs that target the "population health" of communities and target consumer groups. CPHIT is also closely affiliated with the Johns Hopkins ACG R&D team that is a global leader in health care risk adjustment and predictive analytics. ACGs are an advanced predictive analytics software tool (http://acg.jhsph.org/).

We are seeking someone with a doctoral level degree and advanced training and/or 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 is preferred.

To be eligible for this post doc position the candidate should have:

- Doctoral training in one of the following disciplines:
  - Computer Sciences
  - Informatics
  - Statistics / Biostatistics
  - or another highly relevant analytic field (e.g., econometrics, systems science)

- Past/ Current Area of Methods/Focus (one or more):
  - Data mining
  - Applied machine learning methods
  - Predictive / statistical modeling

- Technical Skills:
  - Advanced statistical programming (R, SAS, Python)
  - Hands on experience working with large health care or public health data (preferred)

- Past/ Current Areas of Contextual Experience/Interest. (one or more)
  - Health care delivery/management
  - Public health/population health
  - Health services/health policy/ health economics / outcome research

Please note, a focus on the biomedical/ bioinformatics/ genomics context alone is not directly in scope with this position.

It is expected that this position will offer the candidate many opportunities for career development including considerable potential to participate in peer reviewed publications. 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.

CPHIT follows all protocols and regulation around compensation for Post-Docs as required by the University and as appropriate for the applicants experience. JHU has a vibrant academic community of graduate students and post-docs from across the US and around the globe. The post doc will be able to take (on a non-degree basis) graduate level classes in health informatics, computer science, public health or business at the Johns Hopkins University.

The position can start July 2017 or earlier. The position is for one year, though extensions may be possible.

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.