

Position Title: Postdoctoral Researcher

Location: Pittsburgh, PA

Duration: Full time

Start Date: ASAP

Status: Open

Job Description:

We are seeking talented and motivated applicants for a postdoctoral researcher position in the Department of Biomedical Informatics. Our lab research goal is to improve quality, efficiency, and efficacy of healthcare through data science that leverages machine learning algorithms, clinical domain knowledge, and the wealth of collected patient data from [17 hospitals](#) at the University of Pittsburgh Medical Center (UPMC). We offer a highly collaborative, innovative and competitive research environment that enables students and postdocs to work closely with world-class researchers, engineers and frontline hospital care providers to develop innovative technology that can be readily deployed in hospital settings to solve real-world problems.

Our current lab projects focus on developing natural language processing, predictive modeling algorithms, machine learning methods for clinical and public health informatics, and clinical decision support systems using large-scale heterogeneous data and top-notch expert knowledge. The postdoctoral researcher is expected to work on different aspects of these projects and focus on development of natural language processing, data analyses, and publication of research results.

Requirements:

Candidates with a PhD in natural language processing, machine learning, computer science, electrical engineering, mathematics, statistics, or a related discipline, are encouraged to apply. Experience with analyzing narrative clinical reports and with using various data analytics tools is highly desirable. Experience in Bayesian network methods, computer programming, decision analysis, and statistical analysis is also preferred.

If interested, please submit your CV and the names of three references to tsui2@pitt.edu

Contact Information

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