Postdoctoral Research Fellow

Company Information

The University of Pennsylvania is a prestigious institution with the inclusive policies, innovative work, and impactful engagement of our faculty, students, and staff. The Perelman School of Medicine ranked 3rd among the best medical schools in the United States in 2016. The Department of Biostatistics, Epidemiology and Informatics at Perelman School of Medicine has excellent program in education and research.

Duties and Responsibilities

We are recruiting postdoctoral research fellows for development of statistical methods and algorithms, on one of the following areas: distributed inference, data integration, dynamic risk prediction, evidence synthesis, and comparative effectiveness research. The fellow is expected to work on real world problems that are motivated from massive healthcare data (e.g., electronic health record data, claims data). The fellow will join the research group of Dr. Yong Chen.

Examples of areas of particular interest include (but are not limited to): (1) Distributed inference; (2) Dynamic risk prediction; (3) Methods to account for information bias and/or missing data in electronic health record data; (4) Evidence synthesis using large healthcare data to inform clinical decision-making.

Dr. Yong Chen's research website: https://penncil.med.upenn.edu/

Position Qualifications

Doctoral degree in Statistics, Biostatistics, Computer Science, Epidemiology, Data Science, Engineering, or a related quantitative field.
Strong theoretical training in statistics and computing (R and Python) are desired.
Excellent communication skills and good track record of writing scientific papers.
Experience in statistical theory and methods development, machine learning, and comparative effectiveness research is preferred.
The position is available immediately and for up to three years.

Salary Range Competitive
Benefits

Will be a University of Pennsylvania employee and get the usual benefit, see
https://www.med.upenn.edu/postdoc/

Position or Company Website company
Application Instructions

Apply as soon as possible and we will continue searching until the position is filled.

Please send a CV,
a one-page research statement,
two sample publications/manuscripts of the applicant,
names of three reference letters

to Dr. Yong Chen (ychen123@upenn.edu) with subject line: "2021 Postdoc position: ", to inquire about the position.

Application Deadline	05/15/2021
Email of Contact Person	ychen123@upenn.edu

Hi, Everyone:

I hope this e-mail finds you well.

I am planning on hiring at least one post-doc next semester. The start date is flexible (e.g., May—Aug) and the duration would be 1-2 years.

The position would be funded primarily by my R01.

In terms of research area, there is lot of flexibility. For example, I'm currently involved in collaborations that require methods development at the intersection survival and areas such as EHR, high-intensity longitudinal data, dynamic treatment regimes.

If you have anyone to recommend, I would greatly appreciate it if you had them contact me.

Thanks!

Doug

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