Postdoctoral Fellow in Biostatistics and Biomedical Data Science

Applications are invited for a postdoctoral position in Dr. Jin's group at the Department of Biostatistics, Epidemiology and Informatics, University of Pennsylvania Perelman School of Medicine. The candidate will have the opportunity to lead methodological and applied research in statistical genetics/genomics, causal inference, predictive modeling, and health equity. Specific topics include but are not limited to the development of: (1) statistical/machine learning algorithms and computing tools for disease risk prediction in precision medicine integrating multi-modal, multi-source data; (2) foundational AI algorithms and agents for biomedical applications; and (3) novel methods and AI tools to advance drug target discovery, with applications in cancer and aging research.

The successful candidate will work with Dr. Jin and multidisciplinary collaborators at the University of Pennsylvania. The candidate is expected to lead/co-lead publications in statistical and scientific journals and have the opportunity to apply for NIH training and career development grants (e.g., NIH Pathway to Independence Award, K99/R00). This is a two-year position, with a possible extension for a third year.

[Qualifications]
The successful candidate will have a PhD in Biostatistics, Statistics, Computer Science, Biomedical Engineering, or a closely related area, demonstrated a capacity to produce high quality research, good scientific writing and communication skills, and strong programming skills to work with large datasets in a statistical language (e.g., R, Python).

[Application]
Please send your CV, transcripts, research statement (optional), and three reference letters (optional) to jin.jin@pennmedicine.upenn.edu.

[Salary and Benefit]
Competitive salary and benefits will be offered in accordance with the postdoctoral policies and guidance at the University of Pennsylvania.

[Start Date] Negotiable.

[Contact]
Email: jin.jin@pennmedicine.upenn.edu