

Postdoctoral Fellow in Biostatistics at the University of Pennsylvania

Description

Applications are invited for candidates with a Ph.D. in biostatistics, statistics, or a related quantitative field for a two-year Postdoctoral Research Fellow position within the Department of Biostatistics and Epidemiology, Perelman School of Medicine, at the University of Pennsylvania. This position involves developing statistical methods, software, data analytic tools, and mathematical models for analyzing smartphone data in biomedical research cohorts with the goal of prompting interventions in vulnerable populations with psychiatric disorders. There will be considerable opportunity to submit methods papers in top statistical journals as well as submit applied papers arising from our mobile health and precision medicine collaborations. The successful candidate will be working under the supervision of Dr. Ian Barnett.

The University of Pennsylvania is a world-renowned leader in education, research, and innovation. This historic, Ivy League school consistently ranks among the top 10 universities in the annual U.S. News & World Report survey. Additionally, the Perelman School of Medicine ranked 3rd among the best medical schools in the United States in 2016, the 19th year in a row that it has been ranked among the top five medical schools. Penn has 12 highly-regarded schools that provide opportunities for undergraduate, graduate and continuing education, all influenced by Penn's distinctive interdisciplinary approach to scholarship and learning.

Qualifications

- Doctoral degree in biostatistics, statistics, or a related quantitative field.
- Excellent programming skills in R and Python.
- Excellent communication skills (written and oral)

The following skills are desirable:

- Experience in interdisciplinary biomedical research.
- Proficiency in C++.
- Experience working with big data.

Contact

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