



Postdoctoral Position in Biostatistics/Statistics

About St. Jude Children's Research Hospital

Advance hope, medical science, statistical science, and your career as a postdoctoral fellow in the Department of Biostatistics at St. Jude Children's Research Hospital. As one of the leading pediatric treatment and research institution with the focus on childhood catastrophic diseases in the world, St. Jude Children's Research Hospital provides exceptional resources and a supportive environment for career development. It has been ranked among the top 10 best places to work in academia by The Scientist Magazine for seven consecutive years and one of the best places to work by Glassdoor since 2018. St. Jude is a top-ranked hospital (#1 for pediatric cancer specialty in the U.S. in 2017) and a world-class basic research institute with about 300 faculty members.

Duties and Responsibilities

We are seeking an outstanding postdoc fellow to engage in the development of statistical methodology and software for complex biomedical data such as imaging data, genetic/genome data, longitudinal data, and wearable device data with broad applications in neurodegenerative diseases, mental health, cognitive disorders, and pediatric cancer. As a fellow you will work with Dr. Li's group in developing innovative statistical methods for imaging genetics projects motivated by the cutting edge of biomedical research and have the opportunity to collaborate on impactful studies directed by leaders in the field of biostatistics/statistics and biomedical sciences inside and outside of the institution.

Position Qualifications

Strong background in tensor analysis, imaging data analysis, functional and high-dimensional data analysis, statistical learning, and statistical genetics are all considered as a plus but not required. A recent Ph.D. in biostatistics/statistics or closely related field is required. Initial appointment is for two years. Applicants must have a strong computational background and demonstrate excellent written and verbal communication skills.

Application Instructions

Please visit <https://postdoc-stjude.icims.com/jobs/7827/postdoctoral-research-assoc/job> for online application. Send cover letter and CV to cai.li@stjude.org for quick inquiries. This position can start immediately. We provide very competitive salary and excellent benefits. Memphis is an affordable city with low cost of living.