



Laureate Institute for Brain Research

Post-Doctoral Research Fellow

Laureate Institute for Brain Research

Description

The Center for Population Neuroscience and Genetics at the Laureate Institute for Brain Research is seeking talented and highly motivated neuroscientists for a postdoctoral position to work on the high dimensional neuroimaging, genomics, and longitudinal clinical assessments data.

The profile of research organization

Laureate Institute for Brain Research (LIBR) has been a pioneer on the mind-body interaction and how it relates to psychiatric symptoms. With the newly founded the Center for Population Neuroscience and Genetics (PNG), we are positioned to use the large-scale population data, including biobanks, national registries, and deep-phenotyped population cohorts, to investigate the etiology of neurodevelopmental disorders, finding the potential pathways for clinical interventions.

Job description

Postdoctoral fellows will work within the PNG at LIBR to apply statistical methods for analyzing high dimensional and temporal population neuroscience data. The goal is to understand the complex interplays between brain and behaviors in the context of human development. Postdoctoral fellows will work closely with colleagues at LIBR while also developing and implementing their research ideas.

Qualifications

Necessary qualifications

- A relevant PhD degree or equivalent qualifications in neuroscience, cognitive science, psychology, or applied biostatistics
- Domain knowledge in human brain development and the associated disorders
- Experienced in computational language, either R or Python

Preferred qualifications

- Excellence in either Neuroimaging or Genomics
- Experience in developing methods for high-dimensional data
- Experience in analyzing multivariate longitudinal and survival data

Personal qualifications

- Strong drive to obtain established goals
- Excellent collaborative, communication, and presentation skills
- Scientifically self-motivated and creative
- Ability to work both independently and in structured groups
- Open-minded and analytical personality

How to Apply: Interested candidates should email a CV, a brief statement of long-term career goals, and contact information for 3 references to Dr. Chun Fan, LIBR Principal Investigator, cfan@laureateinstitute.org