BRAIN-BASED PREDICTIVE MODELING LAB

Position: Postdoctoral Researcher

Employer: Feinstein Institutes for Medical Research / Zucker Hillside Hospital

Location: New York, NY

Description: The Brain-Based Predictive Modeling (BPM) Laboratory (bpmlab.org) is seeking 1-2 highly motivated postdoctoral researchers with expertise in neuroimaging (MRI) and machine learning analyses to join the research team led by Elvisha Dhamala, PhD at the Feinstein Institutes for Medical Research/Zucker Hillside Hospital. The lab's research program will be focused on characterizing neurobiological correlates of complex human behavior across healthy and clinical populations. We are especially interested in understanding how aspects of brain, behavior, and brain-behavior relationships differ between the sexes and whether those differences underlie the unique presentations of psychiatric illnesses in males and females.

Postdoctoral fellows will contribute to ongoing projects and develop independent research projects that fall within the broader research goals of the lab. Postdoctoral fellows at the Feinstein Institutes for Medical Research/Zucker Hillside Hospital will receive mentorship from an interdisciplinary team to support their development as independent investigators. The department has a strong track record in supporting postdoctoral researchers and junior investigators to successfully obtain competitive research funding including NIH K awards and Brain & Behavior Research Foundation (NARSAD) Young Investigator Awards.

Compensation: The **minimum starting salary for this position is $75,000 USD** and fellows will be provided additional funding for discretionary research expenses, including travel. Initial appointments can begin as early as February 2023.

Required Qualifications:
- PhD in neuroscience, biomedical engineering, psychiatry, psychology, or related field
- Experience in neuroimaging (MRI) and machine learning analyses
- Expertise in one or more programming languages (e.g., Python, MATLAB)

Preferred Qualifications:
- Strong publication record (peer-reviewed and/or preprints)
- Background in the study of neurobiological sex differences and/or psychiatric illnesses

To apply, please send a cover letter, an updated curriculum vitae, and contact information for 3 references to Elvisha Dhamala, PhD (elvisha@gmail.com) with the following subject line "*Application for Postdoctoral Position*". Applications will be reviewed until the positions are filled.

The Brain-Based Predictive Modeling Laboratory is committed to cultivating an inclusive and collaborative environment. We encourage applications from scholars committed to our mission to build a thriving, collaborative, diverse, and inclusive research community.