***Postdoctoral Research Associate (PRA) in Statistical Genetics***

***Department of Psychiatry and Behavioral Sciences***

***Brooklyn, New York***

The Department of Psychiatry and Behavioral Sciences of SUNY Downstate Health Sciences University is seeking a full-time Postdoctoral Research Associate (PRA) in Statistical Genetics to join their team. The SUNY Downstate Health Sciences Center is the only academic medical center in Brooklyn, a borough of 2.7 million people and the largest medical school in the state.

Our lab is engaged in a wide variety of human and, through collaborations, animal genetic studies to identify and characterize genomic variants contributing to complex neuropsychiatric disorders. The PRA will be an integral part of our team, and will be responsible for the cleaning, preparation, and analysis of large genomics datasets, which are derived from a number of genome-wide association, exome, and whole-genome sequencing studies. Future studies could include multi-omics approaches, possibly incorporating Hi-C, ATAC-seq, ChIP-seq, RNA-seq, etc.

Studies will include a number of national and international collaborations, including the Psychiatric Genomics Consortium, Million Veteran Program, etc. This requires the PRA to be knowledgeable and conscientious with respect to data access and sharing, in accordance with both local and overseas policies.

The successful applicant will be able to function independently, work on more than one project at a time in a team setting, and lead and mentor students and research assistants, as well as demonstrate an aptitude for preparing manuscripts and grant submissions.

Applicants should have a PhD in psychology, neurosciences, engineering, biostatistics, bioinformatics, or a related discipline. A preferred candidate will have a 1-2 years of experience in statistical genetics.

Send a brief letter of interest that describes how current skills fit the requirements for this position, current curriculum vitae, and names and contact information of three references to: Dr. Ayman Fanous, Professor and Chair: [ayman.fanous@downstate.edu](mailto:ayman.fanous@downstate.edu).