



## **Statistical Analyst**

### **Full-Time Position – Immediate Opening**

#### **Boston University's Alzheimer's Disease and CTE Center**

*Boston University School of Medicine*

The Boston University Alzheimer's Disease and Chronic Traumatic Encephalopathy (BU AD & CTE) Center is seeking a highly motivated Data Analyst with strong expertise in bioinformatics and/or statistics to lead data analyses in large-scale genomic studies of AD and CTE. The mission of the Center is to conduct state-of-the-art research on AD, CTE and other dementing illnesses, including their neuropathology and pathogenesis, clinical presentation, genetics and other risk factors, biomarkers, methods of detection during life, and methods of prevention and treatment.

#### **Responsibilities**

- Design, execute, interpret and present results of statistical analyses
- Manage collection and processing of data for epidemiological and biomedical research
- Statistical Programming- write code to label & format variables in data sets and create derived variables; create programs to generate descriptive statistics and frequencies
- Create and/or improve robust and highly automated computational pipelines to identify and interpret genetic variants from genomic data
- Data Analysis: large scale genomic data to support data analysis, design analyses in collaboration with statistician and principal investigator, write programming code and produce tables and figures of results along with written interpretation
- Data Management: Develop and implement procedures for quality checks and communication of any discrepancies

#### **Qualifications**

- Master's degree and 2+ years of experience required
- Demonstrated experience in genome-wide association and/or high-throughput sequencing data analysis or method development
- Exceptional organizational and communication skills
- Strong creative thinking and problem solving
- Programming skills- fluency with Unix shell scripts and R scientific programming language; experience with source code version control systems

#### **To Apply**

Email a cover letter and resume to: Alondra Andino at [aandino@bu.edu](mailto:aandino@bu.edu)

*References will be requested and an in-person interview will be scheduled for top applicants only.*