

Job Description

Job Title: Laboratory Asst III
Job ID: 12121
Department: H Wills Neurosciences Research
Location: Main Campus-Berkeley
Full/Part Time: Full-Time
Regular/Temporary: Regular

[Return to Previous Page](#) [Switch to Internal View](#)

Departmental Overview

The Helen Wills Neuroscience Institute (HWNI) was established in 1999-2000 to provide nexus for the multidisciplinary research being conducted by neuroscientists campus-wide. The institute provides administrative and research support to these faculty, to the Neuroscience Graduate Program and to several Technical Centers and Organized Research Units (ORU's): the Institute of Cognitive and Brain Sciences (ICBS), the Functional Genomics Lab (FGL), the Brain Imaging Center (BIC), the Molecular Imaging Center (MIC) and the Redwood Center for Theoretical Neuroscience.

This position will begin in early to mid July

Responsibilities

This individual will serve as the key staff member responsible for data management and data analysis of PET imaging data obtained as part of a multicenter clinical trial.

The individual will report to the lab Principal Investigator, and will interact with students, postdoctoral fellows and other individuals who are part of the lab. This individual will also interact with individuals at the clinical sites across the US who are recruiting subjects. Working under the general supervision of the PI, the individual will develop and deploy methods for quality control of uploaded data, logging and archiving data, and analyzing data.

Responsibilities

50% - Monitor, log, and perform quality checks on uploaded imaging data. This will include informing sites when data fail quality checks, and working with sites to rectify data.

40% - Perform data analysis on PET data. This will include downloading PET and MR data as necessary, and using existing software to perform hypothesis testing.

10% - Produce regular reports of data uploads, quality control results, and statistical analyses

Required Qualifications

BA or BS preferably in psychology, neuroscience, or engineering related fields

Familiarity with medical images and techniques used for image analysis

Familiarity with standard office software

Familiarity with multiple operating systems (Linux, Unix, OSX, Windows)

Organized, detail-oriented, good record-keeping

Good interpersonal skills and communication ability

Preferred Qualifications

Some programming experience in Matlab, Python or similar software

Scripting experience in Matlab, Python or shell script

Some programming experience in C, C++ or Java

Some experience working with databases

Experience in working with PET or MR images