

Center for Brain Imaging Assistant Research Position Description

Position Title: Assistant Research Scientist	
Unit: FAS/Dean for Science	
Object Code: 103	Salary: Compensation commensurate with experience

Principal Duties - *It is expected that the employee in this position will focus their effort primarily on a subset of these duties, to be negotiated before they are hired, depending in large part on their interests and expertise.*

Work with faculty in the Center for Brain Imaging (CBI) to help implement analysis techniques, establish data analysis streams, and to make state-of-the-art techniques available to the broader research community; make new techniques compatible with other software packages. Work both independently and cooperatively with others and be willing to learn a variety of data acquisition, pre- and post-processing techniques through one-on-one training and self-directed study. Assist with establishing new acquisition, data analysis, and experimental control methods for experienced and new investigators. Responsible for detailed documentation of all of the above.	30%
Assist in training graduate students, postdocs, and new researchers in neuroimaging data collection and analysis, including Brain Voyager, SPM, and AFNI. Consult with researchers to select appropriate tools and methods for data analysis. Technical support and training for faculty, staff, and students acquiring MRI data, primarily on a Siemens Allegra 3T scanner.	30%
Conduct research individually and in collaboration with CBI faculty.	30%
Participate in securing extra-mural research funding. Maintain up-to-date departmental technical information (e.g., resources, facilities, major equipment) for grant applications.	10%
	100%*

This position Description in no way states or implies that these are the only duties to be performed by the employee in this position. It does not limit the assignment of related duties not mentioned.

Position Requirements

Required	Preferred
<u>Education:</u> PhD or equivalent experience in Psychology, Neuroscience, Mathematics, or Statistics.	
<u>Experience:</u> 2 years' relevant experience or equivalent combination. Must include experience with MR imaging principles, research training, data acquisition and analysis, statistics, and/or signal processing.	Experience in academic environment. Experience with research facilities.
<u>Other (i.e., special courses, training, certification, knowledge, skills, and abilities):</u> Excellent interpersonal, organizational and writing skills. Ability to effectively communicate with individuals of all levels. Strong analytical skills. Ability to multitask and work independently.	Ability to provide writing sample that meets departmental standards.

* Percentage of time spent for each duty is approximate.