Undergraduate Research Assistants Needed to Help Run fMRI Experiments - Stanford NeuroChoice Initiative

Website: https://neurochoice.stanford.edu

Department/Program Area: Department of Psychology; Neuroscience

Supervising Researcher: Brian Knutson (knutson@stanford.edu)

Description: While the Initiative investigates a larger range of questions related to choice (addictive, financial, etc.), the project you’d begin work on aims to identify the neural predictors of relapse for individuals with stimulant abuse disorders (with the idea that this research will inform the Initiative’s other work on addiction). While MRI scanning and the administration of behavioral measures takes place on Stanford’s campus, interested applicants should be willing to engage in limited travel (e.g. less than once a week) to aid with recruitment from off-campus sites (e.g. the Palo Alto VA hospital, centers in San Francisco).

Duties: As a research assistant, you will aid in literature review, subject recruitment and screening, data entry and management, the administration of behavioral measures/limited cognitive testing, and fMRI scanning. You will be required to complete MRI safety training, along with human subjects training. If interested, there may be future opportunities to help develop study materials, to learn about fMRI data pre-processing and analysis, to aid in future intervention research (involving neurofeedback & rTMS), to learn about IRB protocol and grant management, and to work on and edit publications, etc.

Time Commitment: Minimum commitment is **10-12 hours/week for two quarters** and preferably longer due to training needs!

Qualifications & Skills: Ideal candidates will be reliable, highly motivated, detail-orientated, and interested in neuroscience research. Previous research experience and/or interest/major in Psychology/Neuroscience/ Symbolic Systems are not necessary, but preferable. Backgrounds in statistics and/or coding not required, but a plus. Freshman, Sophomore and Junior applicants preferred.

Compensation: We prefer to hire research assistants for course credit (PSYCH 195), but may entertain the hire of RA’s on a paid, work-study or volunteer basis.

To Apply: Please send a resume and a brief statement of interest to Sarah Hudson at sihudson@stanford.edu by 9am, Monday, October 9th to be considered for course credit for this quarter. Interview requests to follow quickly for as early as possible next week. The deadline to receive course credit for this quarter is October 13th.