Duties & Responsibilities

The Intergroup Neuroscience laboratory at Harvard University, directed by Mina Cikara, is seeking a Research Technician for an exciting series of projects aimed at understanding how the mind and brain represent “us” and “them,” and how these representations guide subsequent cognition, affect, and behavior. The Research Technician's primary responsibilities will include: (1) implementing and maintaining a processing pipeline for a series of imaging studies comprised of multiple functional tasks, DTI and resting-state data; (2) programming new behavioral and fMRI tasks, and any necessary data analysis and data management scripts; (3) organizing demographic and behavioral data into a secure database (e.g. SQL), (4) general lab computer/network administration (including data management and archiving).

Basic Qualifications

B.A., B.S. or equivalent with background in experimental psychology, cognitive science, neuroscience, computer science, mathematics, engineering or related field.

Additional Qualifications

Candidates should possess excellent technical abilities, including strong programming skills (e.g., MATLAB, Python, or other scripting languages) and comfort with diverse computing environments (e.g., Unix environment, Bash scripting). In addition, the successful applicant will have prior hands-on experience acquiring and analyzing human neuroimaging imaging data using commonly available statistical packages (e.g. SPM, FSL, AFNI, BrainVoyager), as well as prior experience with task presentation software (e.g. E-prime, Presentation, Psychophysics Toolbox). Familiarity with statistical analysis and analytic software (e.g. R, SPSS, SAS) will also confer an advantage. Strong interpersonal skills, prior research experience, and a high level of organization with careful attention to detail are absolutely required. Demonstrable pre-existing interest in cognitive/affective neuroscience desired. Graphic design skills would also be considered a plus, but are not required for consideration. This position requires a high degree of motivation and self-sufficiency, although extensive training and supervision will be provided.

Additional Information

All formal offers will be made by FAS Human Resources.

This is a two-year term position with renewal dependent upon continuation of funding. Expected start date, Fall 2018.

This is an excellent and unique opportunity for a motivated individual to gain experience with cutting edge neuroscience in preparation for a graduate career.

TO APPLY, FOLLOW THIS LINK:

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