

Postdoctoral research position in the Aly Lab at Columbia University

About the position

Postdoctoral research position available in the Department of Psychology at Columbia University, in the lab of Dr. Mariam Aly. The Aly Lab (www.alylab.org) is a cognitive neuroscience lab specializing in the interplay between attention, perception, and memory, using behavioral studies, functional magnetic resonance imaging (fMRI), and neuropsychological studies in amnesic populations. The facilities at Columbia University include state-of-the-art neuroimaging equipment at the new Zuckerman Mind Brain Behavior Institute, e.g., two 3-Tesla Siemens Prisma scanners dedicated for research. Collaborations with the Columbia University Medical Center will allow patient studies, pharmacological studies, and access to an additional fMRI scanner.

The successful applicant will be expected to conduct an independent line of research related to the general research program of the lab. They will also be expected to help mentor trainees in the lab and provide input and direction on existing projects.

This is a one-year position with the strong expectation of renewal for a second year and the possibility of further renewals on a yearly basis. Start date is ideally between 8/1/17 and 10/1/17. Review of applications is ongoing and will continue until the position is filled.

Qualifications

The successful applicant must be eligible to work in the United States, and have a PhD in psychology, neuroscience, cognitive science, or a related field. The degree must be awarded by the start date of this position. Technical qualifications include experience with fMRI (including analyses in FSL, SPM, or similar), computational modeling, and/or patient studies; strong programming skills (e.g., Matlab, Python); strong knowledge of statistics; and the ability to run basic and more complex statistical analyses in Matlab, R, Python, etc. The successful applicant will also have a promising research publication record, and an interest in using multiple methodologies.

Applying

Please e-mail the following items to Dr. Aly (ma3631@columbia.edu):

- (1) a cover letter describing your research interests, research experience, technical skills, and why this job is right for you
- (2) your CV
- (3) phone numbers and e-mail addresses for 3 professional references
- (4) 3 representative publications