

Full-Time Research Assistant at Adelphi University

The Fareri Lab for Social Neuroscience and Decision-Making at Adelphi University (PI: Dr. Dominic Fareri) is seeking a full-time research assistant to begin in August/September 2020 (start date flexible). Our lab focuses on understanding the ways in which the social environment influences our experiences of reward and our choices in social interactions using a combination of behavioral, computational, task-based and resting-state neuroimaging (fMRI) methods. This position is funded by a recently awarded R15 AREA grant from NIMH which will explore the role of social support and close relationships on neurocomputational mechanisms of value-based decision-making.

Primary responsibilities for this position will include assisting with participant recruitment for behavioral and fMRI studies, experimental programming, assisting with behavioral and fMRI data acquisition and analysis, preparing and managing IRB submissions and other administrative duties. As an important component of the R15 award supporting this position is undergraduate research training, the successful candidate will assist the PI with training of undergraduate research assistants in data acquisition and analysis, providing mentorship experience.

Requirements for this position include a Bachelor's degree in psychology, neuroscience, cognitive science, computer science or a related field; an interest in social neuroscience and/or decision neuroscience; strong statistical and technical skills (e.g., R, Python, MATLAB, JavaScript); excellent organizational, interpersonal and time management skills; and at least one year of laboratory experience. Competitive candidates will have preferred qualifications such as prior research experience in social and/or decision neuroscience, prior experience with neuroimaging (e.g., fMRI data analysis in FSL, AFNI) and/or computational modeling and familiarity with IRB protocol submissions. A two-year commitment is strongly preferred.

This position is ideal for those interested in pursuing graduate work in psychology or neuroscience. The research assistant will partake in all aspects of the research process in the lab, will gain exposure to advanced computational and neuroimaging analyses (e.g., hierarchical Bayesian estimation, network connectivity analyses) and will have the opportunity to contribute intellectually to both the lab and many exciting projects, with the potential for authorship on multiple publications.

Interested applicants should send questions regarding the lab and position to Dr. Dominic Fareri (dfareri@adelphi.edu) and are invited to visit the lab website for more information about the lab (home.adelphi.edu/~farerilab). Applicants should submit a cover letter (detailing their experience, research interests and long-term goals) CV and contact information for two-three references to Dominic Fareri (dfareri@adelphi.edu).