

Lab Manager/Research Assistant - Social Computational Neuroscience Lab at Adelphi University

The Social Computational Neuroscience Laboratory (www.SCoNeLab.com) at Adelphi University (PI: Dr. Damian Stanley) is seeking a **full-time research assistant/lab manager** to conduct research on social computational phenotypes in mental health supported by a grant from the NIMH. Adelphi University is located in Garden City, NY – on Long Island, just a few miles outside of New York City. Ideally the position would start in January/February 2025 (start date flexible).

Research in the SCoNeLab focuses on understanding social learning and decision-making (SLDM), including:

- What is unique about the neurocognitive computations that support SLDM?
- How is SLDM perturbed by our attitudes, beliefs, and social environment?
- How is SLDM uniquely impaired in psychological disorder?

The lab is highly interdisciplinary, combining a wide range of techniques including: model-based analyses of behavioral and brain imaging data (fMRI and EEG), in-lab and online data collection, as well as methodologies from the fields of Neuroeconomics, Learning and Decision-Making, and Cognitive/Social Psychology.

RESPONSIBILITIES & DUTIES:

Primary responsibilities for this position will include:

- Assisting with participant recruitment and data collection for behavioral and fMRI studies (Please note that the neuroimaging center is off-site (in New York City), so the applicant should be willing to travel between Adelphi and the testing site, and driving capability is a plus).
- Managing and analyzing behavioral and neuroimaging data.
- Developing and programming experimental paradigms.
- Administrative tasks, including: managing IRB protocols, organizing lab meetings, maintaining and ordering lab equipment, and training other lab members.

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. This position is ideal for college graduates interested in pursuing graduate work in psychology or neuroscience. The ideal candidate will have: excellent interpersonal, communication, and organizational skills, an interest in conducting social cognitive neuroscience research.

Starting Salary: \$40,000/Year plus Benefits

EDUCATIONAL/EXPERIENCE REQUIREMENTS:

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.

The ideal candidate will have: strong data collection, statistical, and programming skills (e.g., Python, R, MATLAB, JavaScript); excellent organizational, interpersonal, communication, and time management skills; the ability to work independently as well as collaboratively; 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 SPM, FSL, AFNI) and/or computational modeling and familiarity with IRB protocol submissions.

The target start date for this position is winter 2025, although the exact date is flexible. The initial appointment is for one year, but applicants who intend to spend longer in the position will be preferred. Application review has begun and will continue until the position is filled.

APPLICATION:

Applicants should submit a cover letter (detailing their experience, research interests and long-term goals), CV, and contact information for two-three professional references (e.g., past research mentors, professors; There is no need to submit recommendation letters at this stage) at the following link:

<https://phf.tbe.taleo.net/phf02/ats/careers/v2/viewRequisition?org=ADELPHI&cws=39&rid=3218>

Interested applicants should send questions regarding the lab and position to Dr. Damian Stanley (dstanley@adelphi.edu) and are invited to visit the lab website for more information about the lab (www.sconelab.com).

ABOUT ADELPHI:

Adelphi University, New York, is a highly awarded, nationally ranked, powerfully connected doctoral research university dedicated to transforming students' lives through small classes with world-class faculty, hands-on learning and innovative ways to support academic and career success. Adelphi is one of just four companies and the only university on Long Island to be named among America's Best Employers by State for 2023 by Forbes. Adelphi offers exceptional liberal arts and sciences programs and professional training, with particular strength in our Core Four—Arts and Humanities, STEM and Social Sciences, the Business and Education Professions, and Health and Wellness. Recognized as a Best College by U.S. News & World Report, Adelphi is Long Island's oldest private coeducational university, serving more than 7,400 students at its beautiful main campus in Garden City, at learning hubs in Brooklyn, the Hudson Valley and Suffolk County, and online. The University offers students 70 undergraduate programs, 93 master's degree and doctoral programs, and 64 certificate

programs in the liberal arts, the sciences and professional training. With powerful partnerships throughout the New York area, more than 119,000 graduates across the country, a growing enrollment of students from 44 states and 76 countries, and rising rankings from top publications and organizations, Adelphi is a dynamic community that plays a leadership role on Long Island and in the region.