

Postdoctoral Scholar in Computational Neuroscience of Social Media and Emotion

We have an opening for a postdoctoral scholar to study the positive and harmful effects of social media. The position will be for two years with the possibility of extension. Our research brings together researchers from social sciences, biology, human neuroscience, computer science, and related fields, in a truly interdisciplinary environment. We strive to improve the basic scientific understanding of online human social interaction, with implications for improving well-being.

The postdoctoral scholar will work under the supervision of Prof. Dean Mobbs (www.deanmobbslab.com), in close collaboration with an interdisciplinary team. We invite ALL talented applicants. Applicants should hold or be completing a PhD in neuroscience, psychology, physics, or math and computer science. In addition, applicants should have some of the following skills:

- Python, Psych Toolbox, Matlab, R or Stata, Prolific, Unity, Qualtrics.
- The ability to create virtual environments using PHP, Erlang, Java and C++ and the like.
- Knowledge of machine learning (LASSO, MVPA for fMRI data).
- Ability to scrape web data, clean, and manage large data sets.
- Knowledge of fMRI and data analysis.
- Skill and appreciation for interdisciplinary thinking and communication.

Requirements: Positions are contingent upon completion of the PhD. Interested candidates should send a CV, a 2-3-page Research Statement, and three names of reference letter writers (as well as two letters) to: dmobbs@caltech.edu. *The Research Statement should contain a section that addresses past and/or potential contributions to diversity, equity, and inclusion (e.g., mentoring activities, committee service, research, or teaching activities)*. A cover letter (maximum 1 page) is optional.

Applications will be reviewed starting on July 30, 2023, and will remain open until the position is filled.

Hiring Salary: \$68,000

As one of the largest employers in Pasadena, CA, Caltech is committed to providing comprehensive benefits to eligible employees and their eligible dependents. Our benefits package includes competitive compensation, health, dental, and vision insurance, retirement savings plans, generous paid time off, parental leave, tuition reimbursement, and more. [Learn more about our benefits and who is eligible](#).

We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to age, race, color, religion, sex, sexual orientation, gender identity, or national origin, disability status, protected veteran status, or any other characteristic protected by law.