



## Assistant or Associate Professor Position, Computational Psychology or Computational Neuroscience

The Department of Psychology at the University of Maryland invites applications for a tenure-track position at the rank of Assistant or Associate Professor in computational psychology, computational cognitive science, or computational neuroscience. We seek individuals with expertise in mathematical or computational approaches to theory development and/or computational or mathematical approaches to modeling large complex data sets, using techniques such as advanced Bayesian methods, artificial neural networks, deep learning algorithms, predictive classifiers, social network analysis, machine learning, large language models, or other high-dimensional models necessary for addressing fundamental questions related to brain, behavior, social systems, and/or artificial intelligence (AI). Areas of emphasis are open, though we are particularly interested in candidates who can contribute to fundamental research in Neuroscience, Cognitive Science, or AI; teach courses in computational or mathematical modeling of brain and behavior; and collaborate with a campus wide community of scholars in the Department of Psychology, College of Behavioral and Social Sciences, University of Maryland's Institute for Advanced Computer Studies (UMIACS), the Program in Neuroscience and Cognitive Science, Maryland Language Science Center (MLSC), and/or the Brain and Behavior Institute (BBI).

**Qualifications:** A primary qualification for this position is demonstrated excellence in scholarship and teaching, including a record of publishing in peer-reviewed outlets and the potential to attract extramural grant funding. A Ph.D. in psychology, cognitive science, neuroscience, computer science, or a related discipline is required at the time of appointment.

We strongly encourage applications from members of groups that are underrepresented in scientific research, including, but not limited to, women, and groups based on race, ethnicity, nationality, religion, disability, sexual orientation, socioeconomic background, and gender identity. Diversity and inclusion are core values at the University of Maryland, and a strong candidate will demonstrate the ability to create inclusive classrooms and research

mentoring environments in which a diverse array of students can learn and thrive. The Department also embraces the values of open and reproducible science, and candidates should address in their research statement how they have pursued and/or plan to pursue these goals in their work.

Faculty members may have the opportunity to collaborate within Psychology and with scholars in other units and groups at UMD, including the Brain and Behavior Institute, University of Maryland's Institute for Advanced Computer Studies (UMIACS), The Applied Research Laboratory for Intelligence and Security (ARLIS), Maryland Language Science Center (MLSC), Computer Science, the Social Data Science Center, the National Consortium for the Study of Terrorism and Responses to Terrorism, and Geographical Sciences. Located just seven miles from the heart of the nation's capital, the University of Maryland is the flagship campus of the state's higher education system and a top-ranked public research institution. It is located in the Washington DC-Baltimore region, with a wealth of cultural attractions and access to federal funding agencies and professional associations. Salaries are competitive.

Application materials should be submitted by 11:59PM EST Tuesday, October 15, 2024 through <https://ejobs.umd.edu/> (<https://ejobs.umd.edu/postings/120948>) and should include a cover letter, CV, statement of current and future research interests and research philosophy, a statement of teaching philosophy and experience (including evidence of teaching excellence, if available), a diversity statement, and contact information for three references. Reference writers will receive the request to submit a reference letter upon submission of the application. Applicants should provide up to three sample research manuscripts or journal articles in the Supplemental Document 1 field in eJobs.

For inquiries, please contact the search committee chair, Dr. Matt Roesch ([mroesch@umd.edu](mailto:mroesch@umd.edu)).

The University of Maryland, College Park, an equal opportunity/affirmative action employer, complies with all applicable federal and state laws and regulations regarding nondiscrimination and affirmative action; all qualified applicants will receive consideration for employment. The University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, national origin, physical or mental disability, protected veteran status, age, gender identity or expression, sexual orientation, creed, marital status, political affiliation, personal appearance, or on the basis of rights secured by the First Amendment, in all aspects of employment, educational programs and activities, and admissions