**Job Summary**

The Attention, Perception, and EXperience (APEX lab) in the Department of Psychology at the University of Chicago seeks applicants for a two-year post-doctoral position in computation cognitive neuroscience research (on-going grant supported research) on sensorimotor integration and plasticity. The projects are focused on perceptuo-motor learning in speech and manual tasks and investigating the neural and cognitive mechanisms that underlie changes with feedback and experience. The candidate will have the opportunity to work and collaborate with scientists from a range of scientific disciplines (psychology, neuroethology, computer science). The candidate will be mainly working with human participants in a team-oriented environment. We encourage women and minority applicants through our commitment to enhance diversity of the work environment. Apexlab.uchicago.edu

**Qualifications**

PhD in relevant field required (computational or cognitive neuroscience, psychology)

Experienced in analysis and modeling of EEG, fMRI datasets

Experienced in handling large datasets

Experienced in advanced statistical analyses

Advanced knowledge in relevant scientific field required

Advanced knowledge of research techniques or methods required

Knowledge of regulatory policies and procedures required

Problem-solving skills required

Analytical skills required

Attention to detail required

Organizational skills required

Ability to learn new research techniques or methods required

Ability to work independently and as part of a team required

Knowledge of Microsoft Office required

Strong verbal and written communication skills required

Motivated candidates should submit a curriculum vitae and a statement of research goals and a list of 3 recommenders to Dr. Nusbaum.

**Responsibilities**

The candidate will have the opportunity to work and collaborate with scientists from a range of disciplines.

The candidate will be mainly working with human data in a team-oriented environment.

Assisting with data analyses using Machine Learning and Bayesian Statistical Approaches

Writing scientific reports and grant drafting

Presenting research at scientific conferences and workshops

Other responsibilities may include assisting with EEG and fMRI acquisition from human subjects; imaging from human subjects; managing data files and database; following established procedures or protocols; and collaborating with other university labs

Essential Functions: Main duties in this position will include:

1. Performing assessments and data analyses

2. Assisting with data analyses

3. Writing scientific reports and grant drafting

4.Presenting during scientific conferences and workshops

5. Mentoring graduate and undergraduate students

Other responsibilities include assisting with EEG & fMRI acquisition from human subjects; imaging from human subjects; managing data files and databases; following established procedures or protocols; and collaborating with other university labs.

Motivated candidates should submit a curriculum vitae, names and contact information for three recommenders, and a statement of research goals to Dr. Howard Nusbaum at HCN1@uchicago.edu.

**About the department:** The Department of Psychology has a longstanding tradition of producing research that results in real-world impact. From local initiatives in neighborhoods surrounding the University campus to tools used by teachers in classrooms and parents at home around the world, Department faculty and students are constantly making innovations that change the lives of people everywhere.  Consistently ranked among the top ten social science research universities in the world, the Division of Social Sciences is at the vanguard of inquiry and impact. The Department of Psychology trains students in cognitive psychology and cognitive neuroscience, with a recent emphasis on computational neuroscience.

Posting statement:

Employees must comply with the University’s COVID-19 vaccination requirements. More information about the requirements can be found on the [University of Chicago Vaccination GoForward](https://goforward.uchicago.edu/covid-19-vaccination).  
  
The University of Chicago is an [Affirmative Action/Equal Opportunity/Disabled/Veterans Employer](http://humanresources.uchicago.edu/fpg/policies/200/p201.shtml) and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national or ethnic origin, age, status as an individual with a disability, protected veteran status, genetic information, or other protected classes under the law. For additional information please see the [University's Notice of Nondiscrimination.](http://www.uchicago.edu/about/non_discrimination_statement/)

Staff Job seekers in need of a reasonable accommodation to complete the application process should call 773-702-5800 or submit a request via [Applicant Inquiry Form.](http://uchicago.service-now.com/sso?id=ssc_sc_cat_item&sys_id=8ff79243dbe91c1029f52ad94b961946)

We seek a diverse pool of applicants who wish to join an academic community that places the highest value on rigorous inquiry and encourages a diversity of perspectives, experiences, groups of individuals, and ideas to inform and stimulate intellectual challenge, engagement, and exchange.

All offers of employment are contingent upon a background check that includes a review of conviction history.  A conviction does not automatically preclude University employment.  Rather, the University considers conviction information on a case-by-case basis and assesses the nature of the offense, the circumstances surrounding it, the proximity in time of the conviction, and its relevance to the position.

The University of Chicago's Annual Security & Fire Safety Report (Report) provides information about University offices and programs that provide safety support, crime and fire statistics, emergency response and communications plans, and other policies and information. The Report can be accessed online at: [http://securityreport.uchicago.edu](http://securityreport.uchicago.edu/). Paper copies of the Report are available, upon request, from the University of Chicago Police Department, 850 E. 61st Street, Chicago, IL 60637.