

Postdoctoral Research Scholar, Arizona State University, Department of Psychology

The Department of Psychology at Arizona State University invites applications for a Postdoctoral Research Scholar to join the laboratory of Dr. Jessica Verpeut.

The postdoctoral research scholar will work on examining neural signaling, synaptic plasticity, and behavior.

Essential Duties:

- The project will involve analyzing neural pathways involved in development and behavior with a focus on distal cerebellar signaling.
- Conduct neuroscience techniques including surgical implantations, viral delivery, electrophysiology, and calcium imaging.
- Ability to take initiative, work independently, communicate effectively, evaluate, and analyze data.
- Review professional literature to design appropriate methodologies, techniques, and procedures.
- Be an active member in research group activities (e.g., participate in lab meetings, mentor students).
- Maintain proper laboratory data and records.

The ideal candidate will have a strong neuroscience background with a proven publication record and a minimum of 3 years of experience performing patch clamp electrophysiological studies in brain slices, rodent handling, data analysis, and preparation of manuscripts and grant applications. Additional experience with behavioral testing for social behavior and cognition, machine learning, viral manipulation of neural circuits, calcium imaging, or neural structure analysis is desired.

The position is full-time, fiscal-year (12-month), benefits-eligible appointment with no tenure implications. Anticipated start date is February 1, 2021.

The qualification for this position: must have earned a Ph.D. (within the past four years) in field appropriate to the area of assignment AND four years related research experience.

To apply, please submit the following as pdf(s) through Interfolio at <http://apply.interfolio.com/80628>: (1) a curriculum vitae, (2) statement of research interests, and (3) three letters of recommendation which should be uploaded by your recommenders to Interfolio directly. Email and paper applications will not be accepted.

Inquiries concerning the search should be addressed to the Chair of the Search Committee: Dr. Jessica Verpeut (jverpeut@asu.edu). Please mention that you are applying for the Behavioral Neuroscience position.

Initial deadline for receipt of complete applications is **December 10, 2020**. If not filled, review of complete applications will continue every week thereafter until the search is closed.

Salary range is \$52,704.00 to \$55,596.00 depending on previous experience.

Arizona State University is located in the Phoenix/Scottsdale metropolitan area. Learn more about what The College of Liberal Arts and Sciences has to offer by viewing <https://thecollege.asu.edu/faculty>.

The College values our cultural and intellectual diversity, and continually strives to foster a welcoming and inclusive environment. We are especially interested in applicants who can strengthen the diversity of the academic community.

A background check is required for employment.

Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will be considered without regard to race, color, sex, religion, national origin, disability, protected veteran status, or any other basis protected by law. ASU's full non-discrimination statement (ACD 401) is located on the ASU website at <https://www.asu.edu/aad/manuals/acd/acd401.html> and <https://www.asu.edu/titleIX/>

In compliance with federal law, ASU prepares an annual report on campus security and fire safety programs and resources. ASU's Annual Security and Fire Safety Report is available online at <https://www.asu.edu/police/PDFs/ASU-Clery-Report.pdf>. You may request a hard copy of the report by contacting the ASU Police Department at 480-965-3456.