**Postdoctoral Researcher- Purdue University**

The [ABC Lab](https://hhs.purdue.edu/abclab/) at Purdue University is seeking a post-doctoral researcher to join our collaborative team that investigates cognition and language in adults with and without aphasia. The post-doctoral researcher will play a key role in designing and conducting fMRI studies aimed at elucidating the cognitive processes involved in language comprehension. To accomplish this, they will be trained on the MRI scanner at the [Life Science MRI Facility](https://www.purdue.edu/hhs/mri/) and contribute to the acquisition, processing, and analysis of behavioral and neuroimaging data. Example projects include (1) exploring differences in the neural resources that support auditory and visual attention and (2) obtaining structural and functional MRI scans from people with aphasia.

The post-doctoral researcher will be housed in the [Department of Speech, Language, and Hearing Sciences](https://hhs.purdue.edu/slhs/) at Purdue University, [West Lafayette, IN](https://www.westlafayette.in.gov/), USA, which is one of the largest and highest ranked Speech-Language Pathology programs in the country. The Department is diverse and collegial and includes a thriving interdisciplinary community of top-notch researchers and clinicians dedicated to translational research across lifespan. The post-doctoral researcher will have ample opportunities to capitalize on an extraordinary network of collaborations, resources, and mentorship for professional development.

**Responsibilities:**

* Design and implement fMRI experiments to investigate language and cognition
* Recruit and screen participants for fMRI studies, ensuring adherence to ethical guidelines and study protocols
* Analyze fMRI data using advanced neuroimaging techniques and software
* Collaborate with other team members to integrate findings from fMRI studies with behavioral and clinical data
* Write research publications, conference presentations, and grant proposals
* Mentor and supervise graduate students and research assistants involved in fMRI data collection and analysis

**Expected start date:** Preferred start date is between June 2024 and September 2024.

**Duration/type:** 2 years, full time

**Application deadline:** Applications will be reviewed continuously starting March 28,2024

**Qualifications:**

* Research interests related to language, cognition, and aphasia
* Ph.D. in Neuroscience, Psychology, Cognitive Science, Speech and Hearing Science, or related field
* Proficiency/experience with neuroimaging software packages such as AFNI or SPM is preferred
* Expertise with statistical analyses and data visualization in R and/or SPSS
* Experience contributing to the preparation of peer-reviewed publications

**Salary and Benefits:**

* Salary will reflect [NIH NRSA](https://www.niaid.nih.gov/grants-contracts/salary-cap-stipends) stipend level based on candidate’s years of experience
* [Health and retirement benefits](https://www.purdue.edu/gradschool/postdoctoral-studies/)
* Access to state-of-the-art research facilities and resources
* Opportunity for professional development and mentorship
* Collaborative and inclusive work environment

**To apply:**

* Complete the online application (<https://careers.purdue.edu/job-invite/30513/>), which includes uploading a cover letter detailing research interests and relevant experience, a current CV, and contact information for three references. References should send their letters directly to Dr. LaCroix. Inquiries about the position can be sent to Dr. Arianna LaCroix, [anlacroi@purdue.edu](mailto:anlacroi@purdue.edu).