



SCDELAB@GMAIL.COM  
HTTP://WWW.MCCAUSLANDCENTER.SC.EDU/DELAB/

**Postdoctoral Fellows: Cognitive Neuroscience of Semantics.** Two post-doctoral research positions are available in the laboratory of Dr. Rutvik Desai at the University of South Carolina, Department of Psychology. The lab focuses on cognitive neuroscience of language and neural representation of concepts using neuroimaging, brain stimulation, patient studies, lesion-symptom mapping, and computational modeling. Excellent facilities for fMRI, TMS, tDCS, EEG, and eye tracking are available. The Fellow will have an exciting opportunity to pursue collaborative and self-directed projects at the Institute for Mind and Brain (<http://mindandbrain.sc.edu/>). Opportunities to work on a large multi-modal neuroimaging dataset that includes fMRI of naturalistic language, as well as those for collaborations with computer scientists to develop cutting-edge analysis methods using machine learning/Deep Learning methods, are available.

Candidates with a PhD in any of the cognitive sciences (e.g., Psychology, Neuroscience, Computer Science) are welcome to apply. A research background in cognitive neuroscience/cognitive science, relevant to semantic or language processing, is required. Expertise with fMRI (including MVPA; one of AFNI/SPM/FSL), or brain stimulation (TMS or tDCS) is required. Experience in one or more of lesion-symptom mapping, behavioral testing or imaging of patient populations, EEG, connectionist modeling, or machine learning is also a positive, along with skills in programming and statistics (e.g., Python, Matlab, R). A promising publication record is desirable. Salary will be commensurate with experience. Applications should include a CV, brief statement of research experience and interests, and names of three referees (who will be asked for a reference letter if necessary; actual letters are not required initially). Expected starting date is Spring-Summer 2023, but is flexible. Applications should be sent to [rutvik@sc.edu](mailto:rutvik@sc.edu) and will be assessed as they arrive.

The University of South Carolina is an affirmative action, equal opportunity employer. Women and minorities are encouraged to apply. The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified persons on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation or veteran status.

