

**Full-Time Postdoctoral Fellowship in Memory and Brain Stimulation**  
**Laboratory for Human Neuroscience**  
**Northwestern University Feinberg School of Medicine**

One full-time postdoctoral fellowship is available in The Laboratory for Human Neuroscience at the Northwestern University Feinberg School of Medicine, directed by Dr. Joel Voss ([www.lhn.northwestern.edu](http://www.lhn.northwestern.edu)). The research focus for this position is the effects of transcranial magnetic stimulation (TMS) on cortical networks of the human hippocampus and their contributions to learning and memory. The successful candidate would work with a large, longitudinal fMRI dataset being collected from individuals participating in multi-week TMS experiments, including both young and elderly adults (supported by NIH grants R01MH106512, R01MH111790, and R01AG049002). The successful candidate would also be encouraged to develop an independent research focus, and would be provided with access to laboratory resources including equipment for TMS, high-density EEG, and eye-movement tracking studies of memory, a research registry of individuals with circumscribed neurological injuries, and excellent fMRI scanning facilities ([www.cti.northwestern.edu](http://www.cti.northwestern.edu)). The Northwestern University Feinberg School of Medicine is a large academic medical center in the heart of downtown Chicago. It is home to a vibrant neuroscience community, structured around a multi-departmental neuroscience program that is home to five NIH-sponsored training programs ([www.nuin.northwestern.edu](http://www.nuin.northwestern.edu)).

Positions require a Ph.D. or M.D./Ph.D. in a neuroscience-related field, broadly specified. We are seeking candidates with strong computational abilities, substantial experience in fMRI data analysis, and excellent written and verbal communication abilities.

To apply, please send a cover letter, C.V. (or NIH-style biographical sketch), and the names of at least three individuals who could provide references if required.

Contact name: Valerie McDonald

Contact email: [lh@northwestern.edu](mailto:lh@northwestern.edu)