A postdoctoral position is available immediately in the Department of Neurosurgery, Northwestern University Feinberg School of Medicine.

We are seeking a self-motivated postdoctoral scientist to study the functional anatomy of spatial attention in humans using pre-operative and intra-operative brain mapping techniques. Candidates with a strong background in one or more of the following are encouraged to apply: neuroscience, psychology, functional imaging, biomedical signal processing.

This position will focus on determining the key brain regions mediating different aspects of spatial attention (perception, exploration, frame-of-reference) in humans. We will use a multimodal approach incorporating advanced neuroimaging (fMRI, diffusion tensor imaging), preoperative mapping (transcranial magnetic stimulation), and direct brain mapping (cortical/subcortical stimulation, electrocorticography) in patients undergoing awake surgery for brain tumor resection. Specific responsibilities include conducting mapping experiments in the outpatient and intra-operative settings as well as analyzing/interpreting data and preparation of manuscripts. Recent Ph.D. recipients with authorization to work in the USA are encouraged to apply.

To apply, candidates should send CV including list of publications, cover letter, and names/contact information of three references to Matthew Tate, MD, PhD at mtate@nm.org

Northwestern University is an Equal Opportunity, Affirmative Action Employer of all protected classes, including veterans and individuals with disabilities. Women and minorities are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.