The Neuroplasticity & Development Lab in the Johns Hopkins Department of Psychological and Brain Sciences invites applicants for a full-time Research Assistant position.

**Our research:** The Neuroplasticity & Development Lab investigates how experience shapes human cognition and brain function using functional magnetic resonance imaging (fMRI), transcranial magnetic stimulation (TMS) and behavioral measures. We compare the minds and brains of populations with different development experiences e.g. congenitally blind, late blind and sighted individuals. The lab is specifically interested in the effects of experience on higher-order cognitive processes. A key research direction in the lab investigates the reorganization of visual cortex in blindness as a window into understanding the functional flexibility of human cortex. We also investigate the influence of sensory and non-sensory experience on the organization of conceptual systems and experience-based plasticity in higher-cognitive systems.

For more information about the Neuroplasticity & Development Lab please go to:

http://pbs.jhu.edu/research/bedny/

**Responsibilities:** The position is an excellent opportunity to gain research experience for someone interested in graduate school in psychology or neuroscience. Research assistants will get experience at all levels of the research process. Responsibilities will include assist in experimental design and implementation of stimulus presentation, behavioral and fMRI data collection, neuroimaging data analysis and maintenance of fMRI analysis infrastructure. Administrative duties include: recruitment and scheduling of participants, preparation of IRB protocols and general lab management.

**Requirements:** An interest in cognitive neuroscience and/or cognitive psychology. The following are strongly preferred but not required: previous research experience, strong technical skills, including basic computer programming. Familiarity with any of the following: Matlab, shell scripting, python. The ideal candidate will be self-motivated, organized and able to work independently. Strong communication and interpersonal skills are important.

**How to Apply:** Interested candidates should submit a letter of interest, a CV and contact information for three references by emailing the lab’s current Research Assistant Rashi Pant at rpant3@jhu.edu. Applications will be evaluated on an ongoing basis until the position is filled. The starting date is flexible however, we prefer no later than July 1st, 2018.