THE KWON LAB
FOR LOW VISION AND BRAIN RESEARCH

The laboratory for low vision and brain research (https://kwonlab.sites.northeastern.edu) at Northeastern University is seeking a highly motivated post-doctoral fellow to study how abnormal visual experience affects perceptual decision-making. The research will involve psychophysical, eye tracking, brain imaging (EEG, fMRI), and computational investigations in normal and abnormal vision.

The lab focuses on understanding pattern recognition in impaired vision; identifying perceptual and cortical changes associated with visual impairment; developing effective training/rehabilitative regimens to improve the visual function of individuals with visual impairment. This position is ideal for those interested in applying basic vision science to clinical populations.

The ideal candidate should have a Ph.D., preferably with a specialization in vision science; proficiency in computer programming (MATLAB/PsychToolBox or Python), statistical analysis, and signal processing; strong analytical skills; expertise in either EEG or fMRI. Experience with deep learning would be a plus. A background in clinical vision is appreciated, but not required.

Pay will follow the NIH payscale. For more information, contact MiYoung Kwon at m.kwon@northeastern.edu. Interested applicants should send their CV and contact information for 3 references. Consideration of applications will begin immediately and will end when the position is filled.