

The Brain Behind Human Vision

Research Assistant Position Available

What we do: Using functional magnetic resonance imaging (fMRI), we seek to understand the neural mechanisms underlying human vision. We are interested in questions such as: How do we perceive objects and faces? Which brain structure supports visual short-term memory? Can we decode the visual representation in a brain region by looking at fMRI response patterns there?

Who we are: Professor Yaoda Xu and the graduate student and postdoctoral researchers in her team at the Harvard Vision Sciences Lab

Where we are: We are located on the 7th floor of William James Hall. We do our fMRI studies at the Northwest imaging center (on Oxford street, about a 5-min walk from William James Hall).

What you will be doing: Assist us with our research at various stages of development, including activities such as stimulus collection and development, behavioral subject recruitment and testing, assistant with fMRI scanning, data collection and data analysis. You will also be asked to attend lab meetings and research related seminars.

What you will receive: You can either volunteer for this research experience or receive course credit for it. If you are doing this for course credit, then a minimum of 10 hours a week will be required.

Who to contact: Please write directly to Professor Yaoda Xu (yaodaxu@fas.harvard.edu) if you are interested in this position.