

Research Assistant Position at Stanford Vision and Perception Neuroscience Lab

Lab Website: <http://vpnl.stanford.edu/index.html>

Project Website: <http://vpnl.stanford.edu/Kids.html>

Principal Investigator: Kalanit Grill-Spector

Contact: Alex Rezai at arezai@stanford.edu, Marisa Nordt at mnordt@stanford.edu

Are you interested in examining the development of high-level visual areas in the human brain? If you are, come join us in the Vision and Perception Neuroscience Lab as a Federal Work Study Research Assistant! You will work closely with researchers in our lab on an exciting MRI project. This position is particularly suited for students interested in pursuing graduate school in Neuroscience, Psychology, Computer Science, or Medicine. ***A minimum commitment of one quarter is required. RA's are expected to work at least 6 hours a week. Previous experience working with children and coding (MATLAB or Python) is a plus, but not required.***

Project Description

Some regions of the brain seem to be hardwired from birth, while others are shaped by your experience well into adulthood. We are conducting a large study to investigate how visual regions of the brain develop from childhood to adulthood, as little is currently known. We use a variety of games and behavioral tasks as well as functional magnetic resonance imaging (fMRI) to study children's normal development. fMRI is a non-invasive and safe technology that uses a magnetic field to measure the blood flow in the brain while children look at pictures, perform cognitive tasks, or play a computer game. Check out our website for more information about our longitudinal project.

Compensation

Students with Federal Work Study can be compensated at \$14.85 to \$15.85 per hour depending on prior coding experience

Responsibilities

- Gray and white matter segmentation and specifying regions of interest in MRI images
- Participant recruitment
- Data management and organization
- Administrative tasks

By committing to more than one quarter, you will be able to pursue projects analyzing our data and learn how to take MRI images.

To Apply

If you are interested in applying, please email Alex Rezai at arezai@stanford.edu and Marisa Nordt at mnordt@stanford.edu with the following:

1. Your name, year and major
2. A copy of your resume and transcript
3. How many hours a week you are available
4. How many quarters you are willing to commit
5. A brief statement (3-4 sentences) describing your interest in our research and your career pursuits.