Faculty mentors: Ian Gotlib

Research supervisor(s):
Justin Yuan, graduate student, yuanjp@stanford.edu

Project topic(s): Inflammation, adolescence, neuroimaging (MRI), psychopathology

Brief description of scientific issues:
This project will investigate how inflammation can influence brain structure and function in adolescence. We measure peripheral inflammatory markers in blood and use task-fMRI and structural MRI for our neuroimaging measurements. We will also investigate if these measures are related to psychopathology (from self-report assessments).

Skills required:
Highly motivated, interested in psych/neuroscience, prior neuroimaging experience

Skills to be learned:
MRI data analysis, R, statistical concepts and analysis, data visualization

Hours: Full time