**Faculty mentor:**
Ian Gotlib

**Research supervisor(s) (name, position, email):**
Tiffany Ho, Post Doc
tiffnie@gmail.com

**Project topic(s):**
The projects I will be assisting with in Dr. Gotlib’s lab center on understanding brain patterns in adolescents at risk for developing depression.

**Brief description of scientific issues:**
Currently, neuroimaging studies have focused on brain patterns that differentiate acutely depressed adolescents from never-disordered peers. However, very little work has identified neural mechanisms that contribute to the development of depression in youth at risk for this debilitating disorder. Dr. Gotlib has two large longitudinal studies on youth who are at familial risk (mother with depression) or environmental risk (exposure to severe early life stress) that are ideal for answering these scientific questions.

**Skills required:**
Ability to work in a research environment; attention to detail; familiarity with MRI scanners and safety conditions; some knowledge of psychological theory and basic neuroscience; Microsoft Office skills.

**Skills to be learned:**
Data entry; organizing large data sets and converting data sheets between different statistical software (Excel, R, SPSS); basic statistical analyses; coding and interpreting clinical interviews and self-report measures of depression and anxiety; assisting with MRI scans; assisting with analyzing MRI data

**# Hours/week (up to 40hrs/wk):** 40