



Project Code: Wade

APD 1210 RESEARCH PRACTICUM COURSE

PROJECT DESCRIPTIONS 2023-2024 FALL/WINTER

Name and Title: *Mark Wade, Assistant Professor.*

Lab Website: www.theidealab.ca

TITLE OF RESEARCH PROJECT: *Adult Cognition, Resilience, and Experience Study*

NUMBER OF STUDENT PLACES AVAILABLE: *1 or 2*

PRIMARY MODE OF RESEARCH PLACEMENT PARTICIPATION (circle one option and describe):

☐ IN PERSON

☐ REMOTE (ONLINE)

☒ HYBRID/FLEXIBLE

Students will be able to conduct many activities virtually, but will be expected to attend in-person lab meetings and other project-specific meetings in line with OISE policies for in-person activities in light of the COVID-19 pandemic.

OBJECTIVES AND METHODOLOGY: *This project will use analyze newly collected data from the Adult Cognition, Resilience, and Experience (ACRE) study on the mechanisms underpinning the link between adversity in childhood and early adulthood on depression risk during early adulthood. For this study, data from ~200 participants will be analyzed, with stress/adversity data collected using the STRAIN; neurocognitive assessments completed using the CANTAB; and questionnaire data related to depression.*

DESCRIPTION OF STUDENT PARTICIPATION: *The student will help to generate an open science protocol for the lab within Open Science Framework (OSF), including overall project and study-specific protocols, and will assist in data analysis and manuscript preparation. They will work with the lead RA in developing analysis plans, running analysis using sophisticated modelling, and drafting manuscripts for publication. Opportunities for knowledge translation, including conference presentation, may also be provided. They will liaise with current lab members to design an OSF page that will register study design, hypotheses, and analytic methods. They will also assist in conducting analyses related to ACRE, including already-planned analyses and potentially developing new ideas/hypotheses to test with ACRE data. Experience with SPSS, R, and Mplus are desired. Finally, the student will work on literature reviews, drafting methods/results, and interpreting data to be included in manuscripts, which they will have an opportunity to be a part of.*

DAY AND TIMES OF LAB MEETINGS: *TBD.*