



Project Code: BRIDGE

APD 1210 RESEARCH PRACTICUM COURSE

PROJECT DESCRIPTIONS 2026-27

FALL/WINTER

Name and Title: Kaja Jasińska, Zack Hawes, Jenny Jenkins, Julie Comay, Patricia Ganea, Michal Perlman

Lab Website: n/a

TITLE OF RESEARCH PROJECT: *Building Research on Inquiry, Development, and Growth in Education*

NUMBER OF STUDENT PLACES AVAILABLE: 5

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

X IN PERSON

___ REMOTE (ONLINE)

___ HYBRID/FLEXIBLE

Please describe:

OBJECTIVES AND METHODOLOGY:

This project involves a longitudinal study conducted in a laboratory school to examine how children's socioemotional, cognitive, and metacognitive abilities develop over time and contribute to learning variability. Children are followed across multiple time points, with repeated assessments of socioemotional skills, language, executive function, and metacognitive skills, alongside measures of academic development. The study integrates behavioral assessments with functional neuroimaging (fNIRS) to capture real-time brain activity during learning tasks, providing a multi-level perspective on development.

DESCRIPTION OF STUDENT PARTICIPATION:

Research placement will involve in-person data collection and in-person (lab-based research). 8-10 hrs weekly must be completed in the laboratory. All meetings with PI and other students will be in person in the lab.

Student will work within a team of undergraduate and graduate students and postdoctoral fellow to recruit participants and collect behavioural and/or data. Student will receive training in data collection and data analysis, as well as human research ethics training. Student's activities will include data



UNIVERSITY OF TORONTO
OISE | ONTARIO INSTITUTE
FOR STUDIES IN EDUCATION

analysis using R of collected behavioural and neuroimaging data. Student's duties will also include literature reviews, abstract and conference submissions, and manuscript preparation. Student should be prepared to contribute significantly to a manuscript with the aim of a journal-ready manuscript that will be submitted at the end of the practicum.

DESCRIPTION OF PREFERRED SKILLS/BACKGROUND (OPTIONAL):

Student must have completed or be concurrently enrolled in JOI1288. Student must be willing to learn data analysis using R over the course of the Research Practicum. The student will receive support from the faculty advisor, but must be prepared to work independently as well.

DAY AND TIMES OF LAB MEETINGS:

Lab meetings are held for 1 hour each week (time TBD). Student will also have a 1 hour meeting with the faculty advisor every other week between September and April.