



APD 1210 RESEARCH PRACTICUM COURSE

PROJECT DESCRIPTIONS 2026-27

FALL/WINTER

Name and Title: *Professor Jennifer Jenkins; [jennifer.jenkins - Google Scholar](#)*

Project based at the Institute of Child Study: [The Dr. Eric Jackman Institute of Child Study | Ontario Institute for Studies in Education](#)

TITLE OF RESEARCH PROJECT: *The use of AI to understand instructional practices in school*

NUMBER OF STUDENT PLACES AVAILABLE: 1

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

☒ *x* **IN PERSON**

☐ **REMOTE (ONLINE)**

☐ **HYBRID/FLEXIBLE**

Please describe:

OBJECTIVES AND METHODOLOGY: We have a longitudinal study at Institute of Child study that tracks the development of children and examines the school processes that influence developmental change. We want to examine the plausibility of using AI to code and analyse classroom behavior

DESCRIPTION OF STUDENT PARTICIPATION: This will involve videotaping in classrooms, carrying out an AI/classroom practice literature review and examining the coding agreement between AI and human coders.

DESCRIPTION OF PREFERRED SKILLS/BACKGROUND (OPTIONAL): The student should have background in working in a school environment and experience of observational coding. It will also be an asset to have statistical knowledge and computer coding.

DAY AND TIMES OF LAB MEETINGS: Currently Fridays but can change.