



Project Code: Jang

APD 1210 RESEARCH PRACTICUM COURSE

PROJECT DESCRIPTIONS 2024-25

FALL/WINTER

Name and Title: *Eunice Eunhee Jang, PHD*

Lab Website: <https://www.oise.utoronto.ca/ejanqlab/>

TITLE OF RESEARCH PROJECT: *Supporting student learning through AI-infused technologies*

NUMBER OF STUDENT PLACES AVAILABLE: 4

PRIMARY MODE OF RESEARCH PLACEMENT PARTICIPATION:

IN PERSON

REMOTE (ONLINE)

HYBRID/FLEXIBLE

OBJECTIVES AND METHODOLOGY:

The research project is an on-going study that examines students' language and literacy development through technologically rich assessment tools called BalanceAI and APLUS. BalanceAI is designed to support elementary school students and teachers while APLUS is intended to support international students' communication skills in academic settings. Both projects involve cutting-edge AI and ML applications to process and score students' performance data. We're currently examining the impact of the AI integration into teaching and learning. We're also investigating how students respond to diagnostic feedback provided by the machine.

DESCRIPTION OF STUDENT PARTICIPATION:

Literature review

Data collection using instruments developed by the research team

Weekly/monthly team meetings

Data analysis

Development of own research topic



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DAY AND TIMES OF LAB MEETINGS:

Friday 3PM (monthly meeting) and project team meetings occur more frequently in a small group setting.