



**Code: Jang**

**APD 1210 RESEARCH PRACTICUM COURSE**

**PROJECT DESCRIPTIONS 2025-26**

**FALL/WINTER**

**Name and Title:** *Eunice Eunhee Jang, PHD*

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

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

**NUMBER OF STUDENT PLACES AVAILABLE:** *4*

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

*IN PERSON*

*REMOTE (ONLINE)*

*X   HYBRID/FLEXIBLE*

*Please describe:*

**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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**DESCRIPTION OF PREFERRED SKILLS/BACKGROUND (OPTIONAL):** *Please outline any preferred skills needed and qualities of student sought here.*

**DAY AND TIMES OF LAB MEETINGS:** *Please provide when (day, time, frequency) lab meetings typically occur if known.*

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