Navigating Responsible Use of GenAI in Teaching & Learning – Developing UBC-Wide Principles and Guidelines

Members of the Advisory Committee on GenAI in Teaching and Learning

June 4, 2024

Panel Overview

Genesis of the Guidelines and Principles for Generative AI in Teaching and Learning

Background

Development of the guidelines and consultation.

Overview of Principles

Brief overview of Principles from members of the Advisory Committee on GenAI in Teaching and Learning.

Questions

Questions from the audience (live and pre-submitted).

Background

Teaching and Learning Subcommittee of UBC's GenAI Steering Committee

Membership: students, faculty & staff from UBCO & UBCV

Consultations on the guidelines: equity, accessibility, Indigenous engagement, privacy & security, copyright & IP, Senates

Broader institutional principles: genai.ubc.ca/guidance/

Principles for the Use of GenAI in Teaching and Learning

1 UBC strategic plans and commitments

2 Opportunities to enhance education

3 Value for student's future endeavours

4 GenAI literacy

5 Faculty and staff use of GenAI

6 Student use of GenAI

7 Academic integrity

8 Indigenous knowledges and data sovereignty

9 Equity

10 Accessibility

11 Intellectual Property & copyright

12 Privacy & confidentiality

13 Human oversight & critical thinking

14 Transparency

15 Responsibility

Christina Hendricks

Vice-Provost and Associate Vice-President, Teaching and Learning, pro tem and Professor of Teaching, Philosophy, UBCV

Tammy Yasrobi

Associate Director, Teaching and Learning Technologies, UBCV

UBC strategic plans and commitments

Use of GenAI in teaching and learning should be aligned with and support UBC strategic plans and commitments, including those related to decolonization and Indigenous human rights, equity, accessibility, sustainability, and wellness.

Equity

Those using GenAI in teaching and learning should consider how biased training data and inputs can produce biased, discriminatory, inaccurate, or otherwise harmful outputs, and their potential to perpetuate systemic inequities.

Accessibility

Some GenAI tools can enhance accessibility for learners with a range of disabilities. It is important to also recognize that there may be varying levels of accessibility to GenAI tools, whether related to cost, infrastructure (such as inaccessible websites or applications) or for other reasons.

Responsibility

Those who generate and share outputs using GenAI are accountable for them, and have a responsibility to review them for inaccuracy and potential harm to the best of their ability. The university will provide resources to help individuals develop requisite skills.

Elisa Banissad

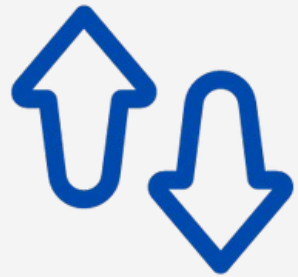Acting Academic Director, CTLT and Professor of Teaching,
Computer Science, UBCV

Maliheh Oliver

Manager, PIA Operations and Engagement, UBCV

Privacy and confidentiality

Use of GenAI in teaching and learning should protect privacy and confidentiality of personal and other sensitive information.

Strategic Importance of Privacy Impact Assessments (PIAs)

Alignment

Integrating GenAI in accordance with UBC's guidance, values and standards.

Compliance and Governance

Ensuring adherence to legal frameworks such as FIPPA and UBC policies.

Tailored Assessments

Tailoring PIAs to address the unique issues presented by generative AI technologies.

Key Functions of PIAs in the Context of GenAI

☑ **Data Interaction Analysis**

Examining how GenAI interacts with personal information.

☑ **Privacy Preservation & Security**

Ensuring the integrity of data interactions by identifying and mitigating risks.

☑ **Data Usage Considerations**

Ensuring use is limited to low risk contexts.

Intellectual property and copyright

Those using GenAI in teaching and learning should respect intellectual property rights in material they input into the tools, and in how they use outputs.

GenAI Literacy

UBC will continue to provide opportunities to learn about capabilities and limitations of GenAI tools. Faculty, staff, and students should use those opportunities to develop basic GenAI literacy skills over time.

Anita Chaudhuri

Assistant Professor of Teaching,
Creative and Critical Studies, and
Faculty Advisor, Academic Integrity, UBCO

Ainsley Rouse

Associate Director, Academic Integrity, UBCV

Academic Integrity

All uses of GenAI at UBC must uphold academic integrity and adhere to the academic misconduct regulations in the UBC [Okanagan](#) and [Vancouver](#) calendars.

Tamara Ebl

Lecturer, Faculty of Management, UBCO

Drédyn Fontana

VP Academic and University Affairs, AMS and undergraduate student (Arts and Engineering), UBCV

Opportunities to enhance education

GenAI can provide significant value in both teaching and learning activities through informed, responsible, and ethical use that mitigates risks and potential harms.

Faculty and staff use of GenAI

Faculty and staff may use GenAI for their teaching- and learning-related work as they choose, within the bounds of legal, university, Faculty, or program-level policies and requirements, and the guidelines below.

Human oversight and critical thinking

All outputs of GenAI for teaching and learning purposes should undergo human review before sharing. Think critically about outputs from GenAI, including their potential for producing false or misleading information, especially if sources of information in the tools' outputs can't be identified and verified.

Student Use of GenAI

Students may use GenAI in work submitted for courses or other academic requirements within the rules set in their courses or programs. They may choose to use GenAI to support their learning in other ways, within the bounds of legal and university policies and requirements, and the guidelines below.

Transparency

Use of GenAI to produce text, images, videos, or other materials shared with others for teaching or learning purposes should be acknowledged by attributing the source of those materials.

Questions ?