

Teaching and learning with ChatGPT: Navigating the Landscape

(Collaborative Notes)

n. I have linked to all of the resources, examples and activities used in the presentation in the document so you may want to have it opened during the session.

Table of Contents

[Table of Contents](#)

[Pre Session Padlet](#)

[Part 1: Introductions](#)

[Activity 1:](#)

[Part 1: ChatGPT Overview](#)

[What is generative AI](#)

[Activity 2: Sharing how we use ChatGPT](#)

[Part 2: Enhancing Student Learning and Educational Outcomes](#)

[Activity 3: How are we using ChatGPT in teaching and learning](#)

[Part 3: Ethical Considerations](#)

[Activity 3: The worst and best case](#)

Part 1: Introductions

Activity 1:

- Share who you are, your affiliation on and why you are attending today also include an AI generated image that is a metaphor how ChatGPT is impacting and changing higher ed
- Padlet: <https://bit.ly/FLOAI1>

Part 1: ChatGPT Overview

What is generative AI

A generative artificial intelligence or generative AI / (GenAI) is a type of AI system capable of generating text, images, or other media in response to prompts. Generative AI systems use generative models such as large language models to statistically sample new data based on the training data set that was used to create them.

Wikipedia

1. ChatGPT 4.0 Link to [ChatGPT 4 Article from OpenAI](#)
2. Chat GPT 4 Capabilities [Link to research from OpenAI](#)
3. Capabilities: Li, Y., Sha, L., et al. (2023). Can large language models write reflectively? Science Direct. [Link to article](#)
4. An examples of using GPT 4 to improve writing [Google Document](#)

Activity 2: Sharing how we use ChatGPT

- Use the chat to share ways that you are currently using ChatGPT in your own work or life.
- What strategies are you using? Let's discuss ways we are using outside of academia and what limitations and strengths were are finding

Part 2: Enhancing Student Learning and Educational Outcomes

1. Terry, Owen Kichizo. ["I'm a Student. You Have No Idea How Much We're Using ChatGPT."](#) The Chronicle of Higher Education, 2023 [A Sample](#)
2. [Goblin Tools](#)

3. UBC Resource that includes examples of faculty using generative AI as part of assignments and assessment [Link](#)
4. (2023, Feb). SFU instructors are embracing ChatGPT to enhance learning and foster critical thinking skills. Simon Fraser University [Link to Article](#)
5. Khan Academy [Khanmingo](#)
6. Sabzalieva, E., & Valentini, A. (n.d.). [Artificial Intelligence in higher education: Quick start guide. UNESCO.](#)

Activity 3: How are we using ChatGPT in teaching and learning

- Use the padlet to share ways you are incorporating GPT 3.5 or 4 in your teaching, learning or practice (CurrentGreen)
- Share ways it could be used in the near future (FutureBlue)
- Let's discuss
- Padlet: <https://bit.ly/FLOAI2>

Part 3: Ethical Considerations

1. [Governance of AI](#) Altman, S. (2023, May). Governance of superintelligence, link to blogpost
2. Privacy and ChatGPT Chat
 - a. Gill, J. (2023, April 18). ['Experimentation' puts universities in 'dangerous position': Experts tell THE and Leeds event that institutions are facing risks they don't understand](#), Times Higher Education (Paywall).
3. Misinformation: Gold, Ashley, and Fischer, Sara. "Chatbots Trigger Next Misinformation Nightmare." Axios, 21 Feb. 2023, [Link to article](#)
4. Intellectual Property
 - a. Klein, N. (2023). AI machines aren't 'hallucinating'. But their makers are. [Link to Article](#)
5. Environmental Impacts
 - a. Luccioni, S. (2023, April 12). The mounting human and environmental costs of generative AI. Ars Technica. [Link to article](#)
 - b. UNESCO Ways Forward: Sabzalieva, E., & Valentini, A. (n.d.). [Artificial Intelligence in higher education: Quick start guide. UNESCO.](#)

Activity 3: The worst and best case

- Use the padlet linked on the Google document to share your critiques for the use of generative AI in our fields, the way it is being developed
- Padlet: bit.ly/FLOAI3

[Annotated Bibliography Generative AI](#) (please add articles)

NAIT resource on citing AI Generated Materials (PDF linked on this page):

https://library.nait.ca/ls?id=kb_article&sysparm_article=KB0016473