Where to find LibTech Insights (LTI)

Read LTI Blog: https://www.choice360.org/libtech-insights/

Sign up for the LTI newsletter: https://www.choice360.org/newsletter-signup/#newsletter-form
Ethical and Productive: Considering Generative Artificial Intelligence Citation Across Learning and Research

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The presenters would like to respectfully acknowledge that we live, work, and learn on lands of the Haldimand Treaty of 1784, a formally ratified agreement promising the land in perpetuity to the Six Nations of the Grand River and is within the territory traditionally cared for by the Neutral, Anishinaabe, and Haudenosaunee peoples.

This acknowledgement is a small step to challenge colonialism and honour the enduring presence, achievements, and contributions of First Nations, Inuit, and Métis peoples.
Our LibGuide

Resources available via University of Waterloo LibGuide.
PROJECT BACKGROUND
Campus Context

Drawing by Anthony Maocheia-Ricci (2021). Used as allowed under CC-BY-NC 4.0 license.
Scope and Timeline

- Limited focus
- 6 week timeline to launch
- Related to our expertise and avoiding duplication
- Adds value to the campus community for learning
WHY CITATION?
Purpose and Function of Citation

1. Creates the information trail
2. Allows the reader to follow up
3. Standardizes format for consistency
4. Provides an approach/framework for generated outputs
5. Supports academic integrity
Ethics and the use of generative AI tools

- Early days of ChatGPT: hyper-focus on academic integrity
- Generative AI outputs vs. Scholarly sources
- Power dynamics when using computer-assisted methods to complete a task
- Generative AI inputs
- Beyond citation of sources
Citation in Learning vs. Research

- Style manuals support publication/research
- Classroom applications can vary
- Consistent recommendations for classroom use avoid confusion and support common understanding
Generative AI Citation in Research

- Authorship and accountability

- Images
- Disclosure of methods
- Peer review
OUR RESOURCES
Resources on Launch

- ChatGPT and Generative Artificial Intelligence Guide
- Citation Infographics Series
- Annotated prompt

APA Citation Style: References

ChatGPT

BIBLIOGRAPHIC REFERENCE

OpenAI. (2023). ChatGPT (Mar 24 version) [Large language model].
https://chat.openai.com/chat

Formatting: Double-space your reference list and use a 0.5 inch hanging indent for each entry.

Full infographic available via University of Waterloo Library Online Learning Object Repository.
Expanded Resources

- Curation of recommended materials including:
  - Terminology
  - Pedagogical Uses
  - Ethical Considerations
  - Editorial/Research Considerations

- Curation of research outputs from noted University of Waterloo Scholars
Future Plans

- Recommendations for images, video, and other generative AI output formats
- Exploring, testing, and recommending tools for evidence/knowledge synthesis and literature review support
THE CAMPUS EVOLUTION
The Library’s Continued Engagement with Campus

- Formation of campus committee
  - Faculty-focused programming
  - Syllabi language recommendations
  - Policy considerations
- Consultative support for other unit’s resource development
Continuing Work Within the Library

- Digital Initiatives exploration time:
  - ChatGPT, DALL-E, Whisper
  - Exploration time with other Library units
- Workshop on AI, Machine Learning, and Research Libraries (June 2023)
  - AI in Academic Libraries group
    - Zotero bibliography
    - AI tools for systematic reviews
- OCUL Task Force on Machine Learning/AI
QUESTIONS AND ANSWERS
Credits & Licensing

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Questions may be directed to Dr. Weaver via email at kdweaver@uwaterloo.ca.
Our greatest impact happens together.