

Generative AI and The Role Students Need To Play For Effective Outcomes

TEACHx 2026 digital poster Resource List

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The following list was created as a resource for the Generative AI student workshops we offered each quarter from 2023-2026, and provides links to the content we featured on our slides.

[Infographic: AI and You](#) (advice in a nutshell; best viewed on desktop)

Some Generative Artificial Intelligence (GAI) Tools: *The GAI universe is evolving rrapidly; some tools may be free when you use them one day, but then may change their business model overnight, and start charging fees the next time you login. Tools may also rebrand themselves and change their name.*

*Here below are some current popular tools for your consideration. Best practice: read each tool's Terms of Use and understand what you get in exchange for supplying your personal data and your prompt (aka your question or inquiry) content. In addition, **always check with your instructors before using GAI**, to see if they allow the use of artificial intelligence for course assignments.*

[ChatGPT](#)

- [Atlas](#), ChatGPT's web browser (only available for MacOS, as of February 2026)

[Claude](#)

- [Claude Code for Chrome extension](#): test web apps, debug with console logs, automate form filling, and extract data from web pages

[Elicit](#) (helpful for finding connections among research papers; summarizes key content)

[Microsoft Copilot](#) (Note: you can use the Bing.com **Sign In** to Copilot option with your NU identity; this will protect the prompts you input so that they will not be shared on the open Web or used to train GAI models.)

[Perplexity \(academic version\)](#)

- [Discount price for Perplexity Pro for students](#) (scroll to Method 10 to see details)
- [Comet](#), Perplexity's web browser

[Semantic Scholar](#) (requires keyword search rather than natural language; stronger in Sciences rather than Humanities)

NU Resources on GAI

[Artificial Intelligence at Northwestern](#) (Newly revised, comprehensive NU website, updated April 2026)

[Northwestern Guidance on the Use of Generative AI](#) (website)

[Using AI Tools in Your Research](#) (libguide)

[Research Computing and Data Services](#) (website)

[Northwestern Media and Design Studio](#) (website)

[NU's subscription to Microsoft Azure](#) (info on Azure, a public cloud provider, and tutorials)

[Microsoft Copilot Available to University Community](#) (NU press release)

[Data Classification Policies](#) (NU policies on data handling, protection, privacy)

[Ask A Librarian](#) (Northwestern University Library Ask Us Service)

Other Resources

How to write effective prompts (questions or commands the user puts into the GAI tool):

The CLEAR method, created by Leo S. Lo = prompts that are concise (brief), logical (structured), explicit (clear), adaptive (flexible), reflective (the user refines and re-submits the prompt).

Lo, L. S. (2023). The CLEAR path: A framework for enhancing information literacy through prompt engineering. *The Journal of Academic Librarianship*, 49(4), 102720–. <https://doi.org/10.1016/j.acalib.2023.102720>

NU Library [Permalink to log in](#) and read the full text of The CLEAR Path article

Summary: “This article introduces the CLEAR Framework for Prompt Engineering, designed to optimize interactions with AI language models like ChatGPT. The framework encompasses five core principles—Concise, Logical, Explicit, Adaptive, and Reflective—that facilitate more effective AI-generated content evaluation and creation. Additionally, the article discusses technical aspects of prompts, such as tokens, temperature, and top-p settings. By integrating the CLEAR Framework into information

literacy instruction, academic librarians can empower students with critical thinking skills for the ChatGPT era and adapt to the rapidly evolving AI landscape in higher education.”--publisher

The TRACI Prompt Framework for ChatGPT: (Task, Role, Audience, Create, Intent): [white paper download](#)

[“Learn About CoPilot Prompts”](#) (Microsoft Support)

["The 'Secret Sauce' for Crafting the Perfect Prompt in ChatGPT" \(LinkedIn\)](#)

["Prompt Engineering: The Art of Getting What You Need From Generative AI"](#) (Ivan Allen College of Liberal Arts)

How to write citations when using GAI:

APA style: McAdoo, T. (2025, Sept 15). [How to cite ChatGPT](#). *APA Style*.

Chicago Manual of Style format: [Q & A: How to cite GAI](#)

MLA style: [How Do I Cite Generative AI in MLA Style? \(updated 2025\)](#)

[Purdue University Online Writing Lab](#) (OWL; search by format for examples)

Real or fake citations: how to check:

Type the article title into the NU Library search engine, [NUsearch](#): if the article citation appears, it is real. When in doubt or unclear, [ask for library assistance](#).

Academic Integrity:

NU Office of the Provost: [Academic Integrity webpage](#) (policies against cheating, plagiarism; examples of properly written citations; procedures of each NU school for academic integrity violations).

NU Library databases, [A to Z links](#) You can use library databases to check or complement the content you find in AI tools.

[NU Writing Place](#) (free writing assistance for undergraduate and graduate students, in-person or online appointments)

Links to sources we used on our slides:

[How Modern LLMs Access Real-Time Data: A Complete Guide](#)

[Casey Fiesler's AI Ethics and Policy News](#) list (cumulative compilation of AI news links, labeled by category)

[AI medical tools downplay symptoms in women and ethnic minorities](#) (Jameel Clinic and MIT)

[AI Research Tools](#), with brief description (Rutgers University Library)

[GenAI Product Tracker](#) (ITHAKA S+R) cumulative compilation of AI products

[Margaret Bayard Smith Papers](#) (Library of Congress)

Databases at NU with built-in AI features:

- [NU Digital Collections](#) (has optional AI search feature when you log into My Account at NU Library)
- [Statista](#) (optional "Research AI" search aid button)
- [EBSCO](#) (optional Natural Language Search toggle)
- [JSTOR](#) (create a free account to access "Semantic Results")
- [Google Scholar Labs](#) (experimental AI search)
- [ProQuest](#) (research assistant available in some ProQuest-branded databases)
- [TDM Studio](#) (text mining tool for newspapers)

[Stop Making Your Team Figure Out AI On Their Own](#) ([NNGroup.com](#))

[AI and Copyright](#) (U.S. Copyright Office)

[Anthropic Copyright Class Action](#) (NU Libraries Blog)

[AI and "Cognitive Surrender"](#) (Ars Technica article)

["How Accurate Are Google's A.I. Overviews"](#) (New York Times, April 7, 2026, paywall)

[Removing AI From Search Results](#) (how to turn off AI when using [Bing](#), [Google](#), and [Duck Duck Go](#) search engines (Brown University libguide, scroll to bottom section))

AI Use Tips

A guide to what you can have AI do and what you should do yourself

AI

You

Brainstorm & Generate Keywords for Searching

AI can help broaden your search vocabulary and provide topic suggestions

Writing the text of your paper

It is important to express your ideas in your own words, without having AI phrase things for you. You can note the concept that AI provides and then write it in your own voice.

Get An Overview of a Topic or Subject

AI can summarize topics to give you a "snapshot" view

Writing citations

Use your professor's preferred format (APA, Chicago, MLA, others) and verify the location of the information (try accessing it yourself to confirm the info).

Create self-study aids

Make flash cards, podcasts, other study aids

Lateral searching

Confirm AI output by doing your own searches: open up a new browser tab and look for other sources.

AI is just a tool

AI cannot judge whether its content is factual and true

You are in charge and accountable

Use AI wisely

Fact Checking

Ways to check: Compare AI outputs to [NU Library resources](#); ask a [librarian](#); open a new browser tab or use print resources to perform your own searches to check against the AI output.