Generative AI (GenAI) Resources

A Collection for the Teaching Community at TMU

Living document, updated regularly

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Exploring GenAI

AI for Teachers: an Open Textbook

Free course - Elements of AI

Introduction to Deep Learning (by Stacey Ronaghan)

A Generative AI Primer - National centre for AI

Real-World Use Cases for Large Language Models (by CellStrat)

The Age of AI has begun | Bill Gates

Podcast: It's a Machine's World | On the Media | WNYC Studios

➕ Sample AI-Generated Essays

Ethical Considerations in Education and Beyond

Teaching AI Ethics – Leon Furze

Guidance for generative AI in education and research | UNESCO

Is a Liminal Space: Prior to (or instead of) using ChatGPT with your students

The AI Gap: Equity, Access & the Risks of Standing Still | TeachOnline

If you aren't concerned about how your students are using ChatGPT...what about how your colleagues might be using it

Bias In AI: How AI Algorithmic Bias Affects Society | Fast Data Science

Racist or Just Biased? It's Complicated. | Melissa Warr

The mounting human and environmental costs of generative AI | Ars Technica

II. From AGI to Superintelligence: the Intelligence Explosion - SITUATIONAL AWARENESS | Leopold Aschenbrenner

Artificial Intelligence and Education: A Critical View Through the Lens of Human Rights, Democracy and the Rule of Law

A decolonial approach to AI in higher education teaching and learning

The Ethical AGI Arms Race: Anthropic vs. OpenAI in the Pursuit of Safe Artificial Intelligence | by Sajjad Fakharian | Medium

The AI Race: Series from The Guardian

Podcast: The Ezra Klein Show: Is A.I. the Problem? Or Are We? on Apple Podcasts (Google Podcasts, Stitcher)

Podcast: Necessary Tomorrows | Al Jazeera (series)

Podcast: The ELIZA Effect - 99% Invisible

Media Coverage

Articles about AI and Education

Scenes from the AI revolution on campus | Toronto Life

Alarmed by A.I. Chatbots, Universities Start Revamping How They Teach | New York Times (ProQuest Link)

He's the first-ever chief AI officer at a Canadian university: How ChatGPT is changing post-secondary | Toronto Star

ChatGPT prompting some professors to rethink how they grade students | The Globe and Mail

Podcasts about AI and Education

Podagogies | Navigating Artificial Intelligence in the Classroom

Education Technology Society: Digitisation of education - what are critical scholars writing about in 2023

ChatGPT and Good Intentions in Higher Ed, with Autumm Caines | Teaching in Higher Ed

Scholarly Articles

The Artificial Intelligence Assessment Scale (AIAS): A Framework for Ethical Integration of Generative AI in Educational Assessment |

Divergent Creativity in Humans and Large Language Models

Policies and Academic Integrity in Post-Secondary Education

Institutional Responses

Generative Artificial Intelligence in Learning and Teaching at TMU

AI Technology and Academic Integrity from York University

AI-Generated Content in the Classroom: Considerations for Course Design - Illinois State University

Practical Responses to ChatGPT - Montclair State University (course/assessment design examples)

Artificial Intelligence and Writing - University of Central Florida (educate, thwart and/or incorporate in your course)

University of Washington's recommendations

University of Michigan: Generative Artificial Intelligence Committee Report and ITS AI Services (In-house tools)

Mitigating GenAI use in coursework

Note: many of the early tools have been removed because of serious flaws and lack of consistency in results

When ChatGPT Makes It Easier to Cheat

Leveraging ChatGPT for Rethinking Plagiarism, Digital Literacy, and the Ethics of Co-Authorship in Higher Education

Can AI detectors save us from ChatGPT? I tried 5 online tools to find out | ZDNET

Combating Academic Dishonesty, Part 6: ChatGPT, AI, and Academic Integrity (University of Chicago)

In the Age of AI, Students Need to Develop Their Self-Intelligence | Harvard Business Publishing Education

Leveraging GenAI

Integrating/Acknowledging GenAI

YouTube playlist: Wharton Interactive Crash Course: Practical AI for Teachers and Students

Russell Group principles on the use of generative AI tools in education (pdf)

Explore ChatGPT's Potential for Higher Ed: Try Our Hands-On Exercise - LLInC

Leveraging ChatGPT Instead of Banning (Contact North)

Coping With ChatGPT (Includes sample text that can be shared with students)

Five Ways AI is Challenging the Model of Higher Education | TeachOnline

Advancing meaningful learning in the age of AI | Oregon State University

Why I'm advising that people stop assigning essays, and it's not just because of AI

P Teaching Critical AI Literacy and Using AI for Learning.pptx

GenAI Integration in Writing Assignments

Adapting College Writing for the Age of Large Language Models such as ChatGPT

We can save what matters about writing—at a price | The Stone and the Shell

Other types of GenAI Use

Ethical Reasons to Avoid Using AI Apps for Student Assessment | Learning, Teaching and Leadership

Generative AI and Graduate and Postdoctoral Research Supervision

Prompting/Writing with Large Language Models

[PDF: Using AI to Implement Effective Teaching Strategies in Classrooms; Five Strategies, Including Prompts](#)

[Co-writing with AI - A Guide for the Curious](#)

[Writing for Renegades - Co-writing with AI](#)

[The Art of ChatGPT Prompting: A Guide to Crafting Clear and Effective Prompts](#)

Sampling of Apps and Tools with Free Options Using GAI (Other Than ChatGPT)

[Microsoft Copilot](#) (integrated into Microsoft software)

[Perplexity](#) (can access data on the web)

[Grammarly Go](#) (Grammarly's AI writing assistant)

[PartyRock](#) (Build apps with Claude and Titan models)

[Hugging Face](#) ▶ What is Hugging Face? (In about a minute)

[Contact North Free AI aps](#) (for students and teachers)

[TutorAI.me](#) (generates modules to learn a subject)

[Q-Chat by Quizlet](#) (another ai tutor)

[7taps AI](#) (generate a micro-learning module with ai)

[Research Rabbit](#) (upload a PDF to query with AI)

[Consensus](#) (query a database of scientific research)

[Pitch](#) (AI generated presentations that can be edited)

Canva (AI integrations for graphics, images, video...)

[Bing Image Creator](#) (text to image)

[QuickVid](#) (generate YouTube videos with AI)

[Flip's Topic Copilot](#) (feature in Flip to generate topics)

Discipline-specific responses and resources

[ChatGPT for Social Work Science: Ethical Challenges and Opportunities](#) (Faculty of Community Services)

[AI and Digital Healthcare Technologies | NHS](#) (Faculty of Community Services)

[AI Chatbot 'Murrow' Teaches Journalism and Critical Thinking](#) (Creative School, Media Studies)

▤ AI Ethics Guidebook | The Poynter Institute (Journalism/Media)

[Did you know all the files ChatGPT can make? See my favorites on this diagram | Artifact post](#) (Creative School)

[Generative AI Glossary for Business Leaders | Salesforce](#) (Business)

[How to Use ChatGPT's Advanced Data Analysis Feature | MIT](#) (STEM/Business)

[What ChatGPT and Generative AI mean for Science](#) (Faculty of Science)

[Generative AI's Biggest Security Flaw Is Not Easy to Fix | WIRED](#) (ITM, Computer Science)

Even more

Books

[AI for Educators: Learning Strategies, Teacher Efficiencies, and a Vision for an Artificial Intelligence Future : Matt Mille](#)

[Teaching with AI: A Practical Guide to a New Era of Human Learning: José Antonio Bowen , C. Edward Watson](#)

[Unmasking AI: My Mission to Protect What Is Human in a World of Machine: Joy Buolamwini](#)

[The Coming Wave: Technology, Power, and the Twenty-first Century's Greatest Dilemma: Mustafa Suleyman](#)

[Co-Intelligence: Living and Working with AI: Mollick, Ethan](#)

[Using Generative AI Effectively in Higher Education | Sue BeckinghamORCID Icon, Jenny Lawrence, Stephen Powell, Peter Hartley](#)

[Practical AI Strategies - Leon Furze](#)

[Handbook on the Ethics of Artificial Intelligence](#) (available July 2024)

Resource lists

CHI'24 Preprint Collection HCI + AI | by Daniel Buschek | Human-Centered AI | Feb, 2024 | Medium (over 200 articles)

Exploring AI Pedagogy: A Community Collection of Teaching Reflections (By Jill and Scott Rettberg)

Resources for exploring ChatGPT and higher education (By Bryan Alexander)

AI Resources (By Mark Wilson, Western Institute for Social Research)

Live data from OECD.AI (real-time AI-related news around the world)

GitHub - humanloop/awesome-chatgpt: Curated list of tools, demos, docs