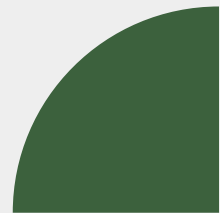
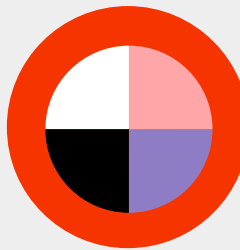
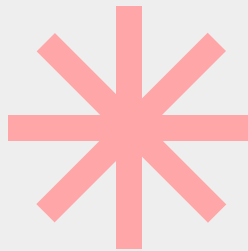
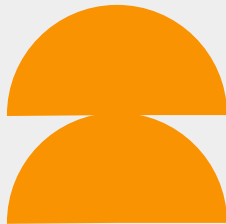
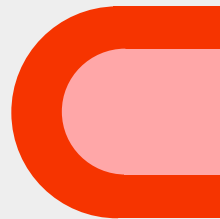


~~Hamster Dancing~~ Towards an Open Future

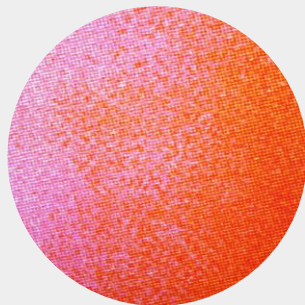
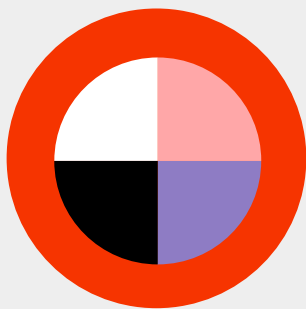
Making Sense of AI, and Making it
Work for Open Education

Will Cross, April 9, 2026





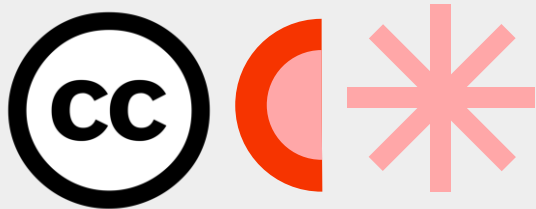
go.ncsu.edu/hamster



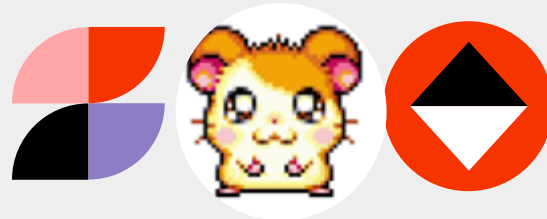


It's Great to be Back!

Portrait of your speaker in 2015 as a young(er) man with all the answers and a bright future ahead of him



#NDOER



Agenda

Generative AI

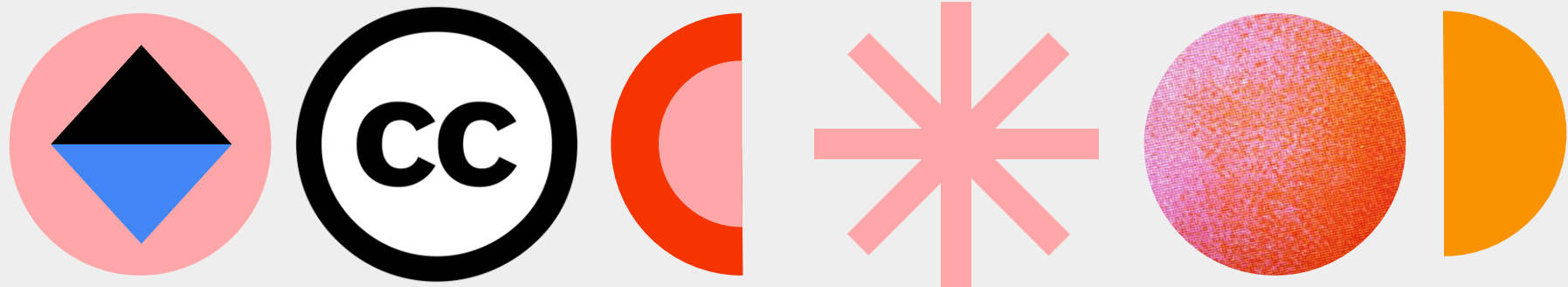
AI (good god) what is it good for, and how should we respond to it?

Reverse Centaurs

What AI means for open education and how we can get the most benefit - and minimize the bad stuff

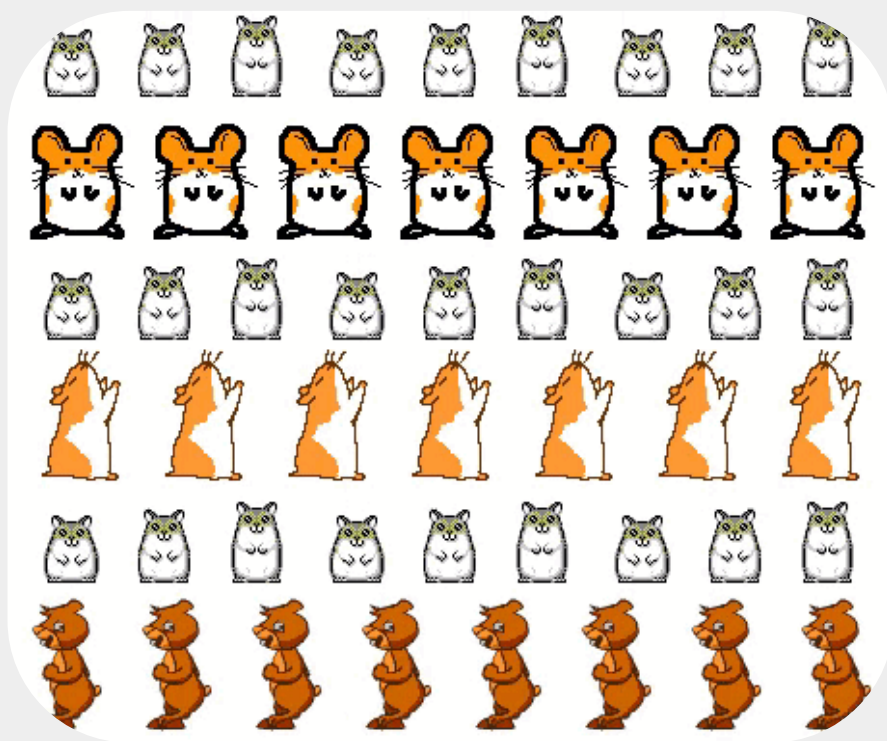
The Hamster Dance

Making open values the driver for the best version of a future with AI in it.



ARTIFICIAL INTELLIGENCE



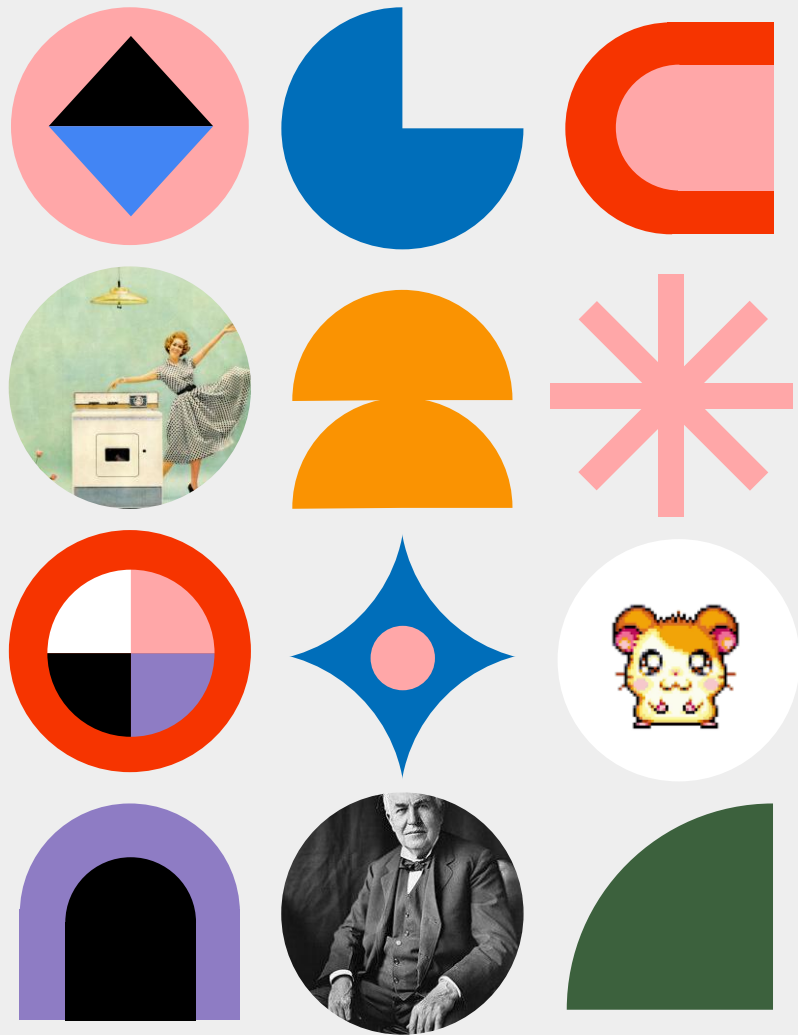


Look familiar? Can you hear the music in your head?



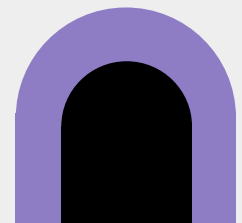
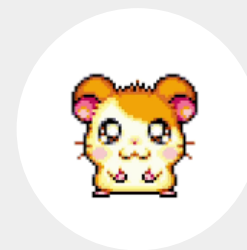
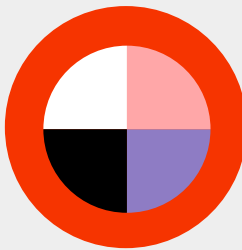
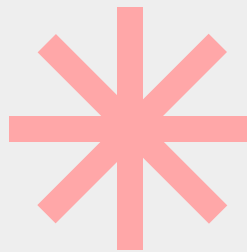
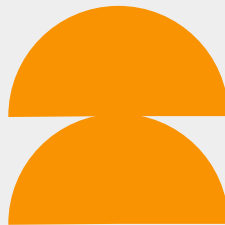
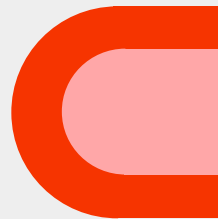
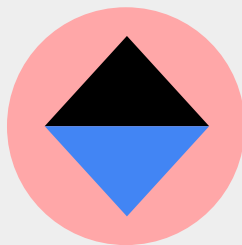
O joy! **Books in the public school will soon be obsolete,** .
.. It is possible to teach every branch of human knowledge with the motion-picture. Our school system will be completely changed inside of ten years.

-Thomas Edison (1912)



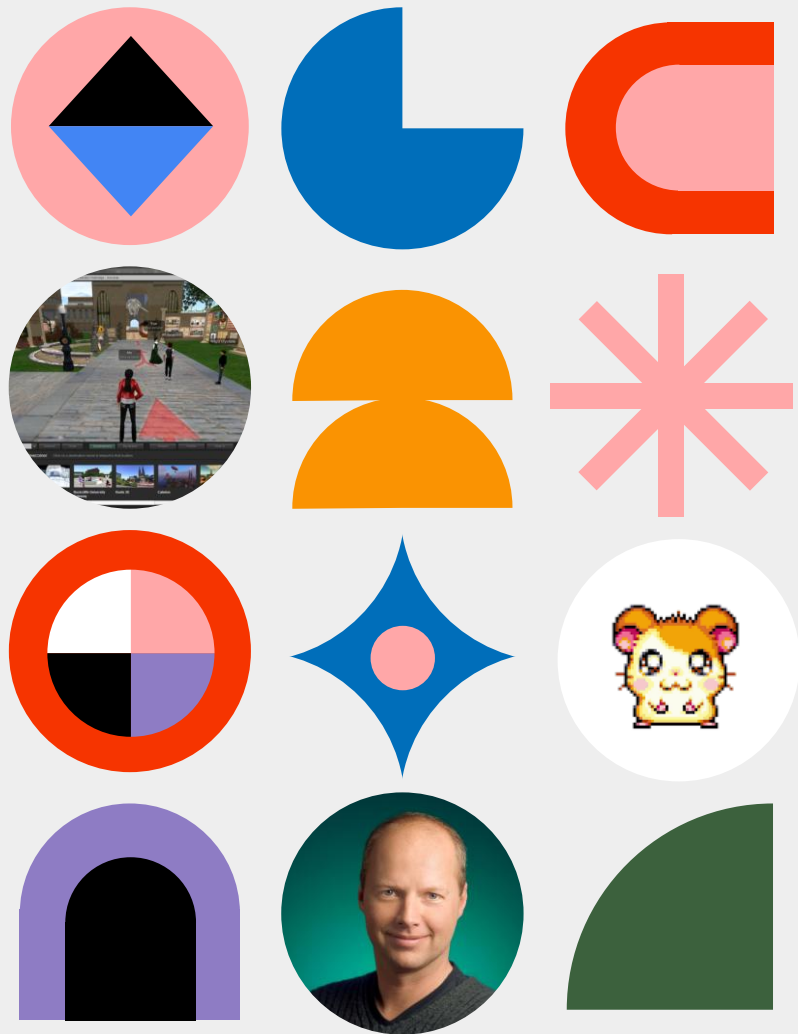
Education over the Internet is going to be so big it is going to make email usage look like a rounding error.

-John Chambers (1999)



By 2060 there will only
be 10 institutions in the
world delivering higher
education and Udacity
might be one of them!

- Sebastian Thrun (2012)

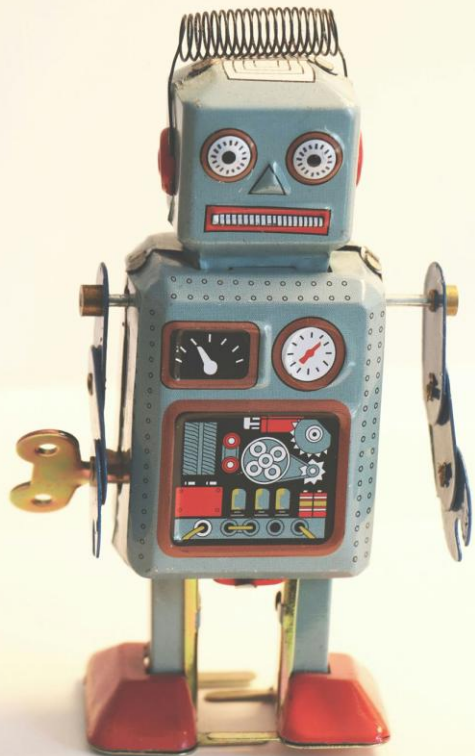




A Modest Proposal: 1999:Internet :: 2026:AI

We are mis-cued by having generative AI come after blockchain and NFTs - it seems like a narrow technology, but it's a broad shift in computing methods.

New methods for old tasks - process improvements; Truly new things - good and bad and very dumb; Market and structural changes



“Leaving the house, she put on her [sho] [es]” more likely than [sho] [rts] more likely than [sho][vel] more likely than [sho] [ore].

AI doesn't 'think,' 'learn,'
'hallucinate,' etc.

It just presents statistical patterns about frequency and adjacency



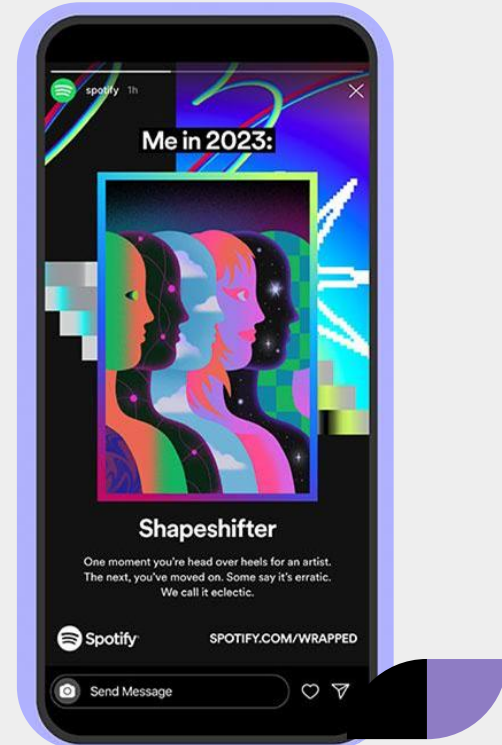


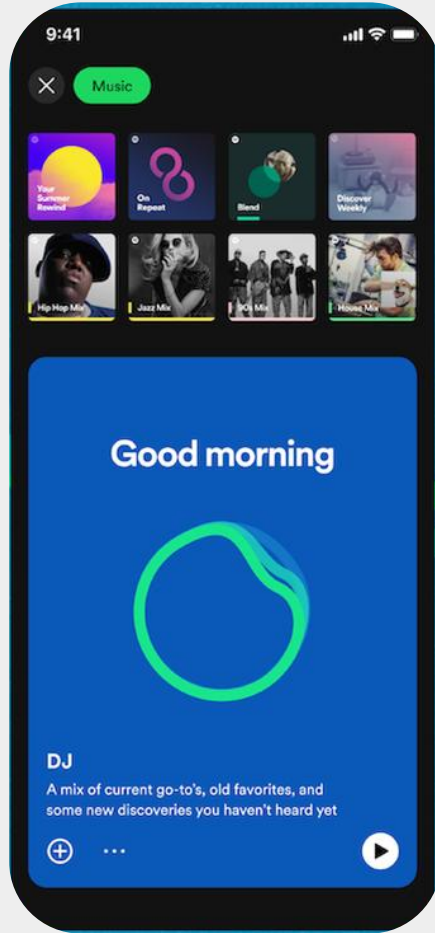
We're Old Hands with New Technologies

Dig deeper into the relationship between music, AI, and librarianship - and hear about his boss 12-disc changer - in Alex Carroll's discussion "*A Place Called Vertigo: A Skeptic's Guide to AI, Large Language Models, and Research Libraries*"

at <https://vimeo.com/999195800>

Changing Tools





- ❑ Good for patterns & recommendations e.g. Rap Caviar; Spotify Wrapped
- ❑ BUT only as good as the data (Numberbots + Daniel Tiger; KPop Demon Hunters)
- ❑ No substitute for human creativity (mixtapes)
- ❑ A limited universe (no live versions, b-sides, bootlegs, etc.)
- ❑ Platform lock-in, monetized data, ruled by ToS

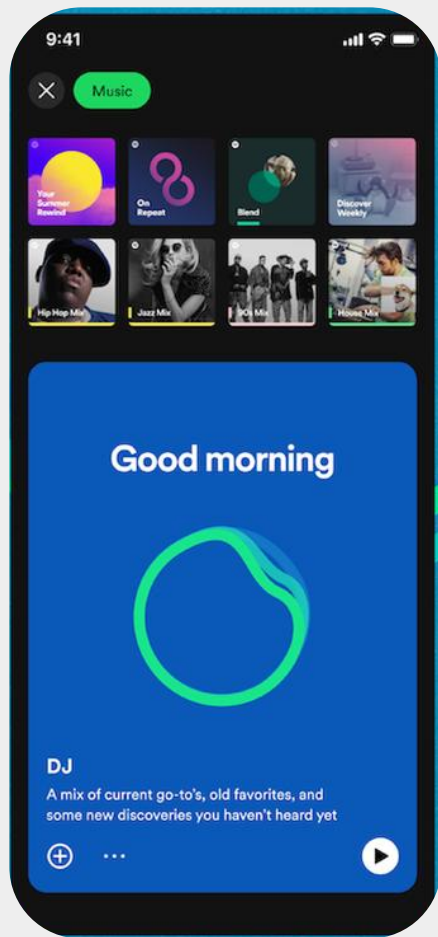
Music on Spotify: A Trade-Off

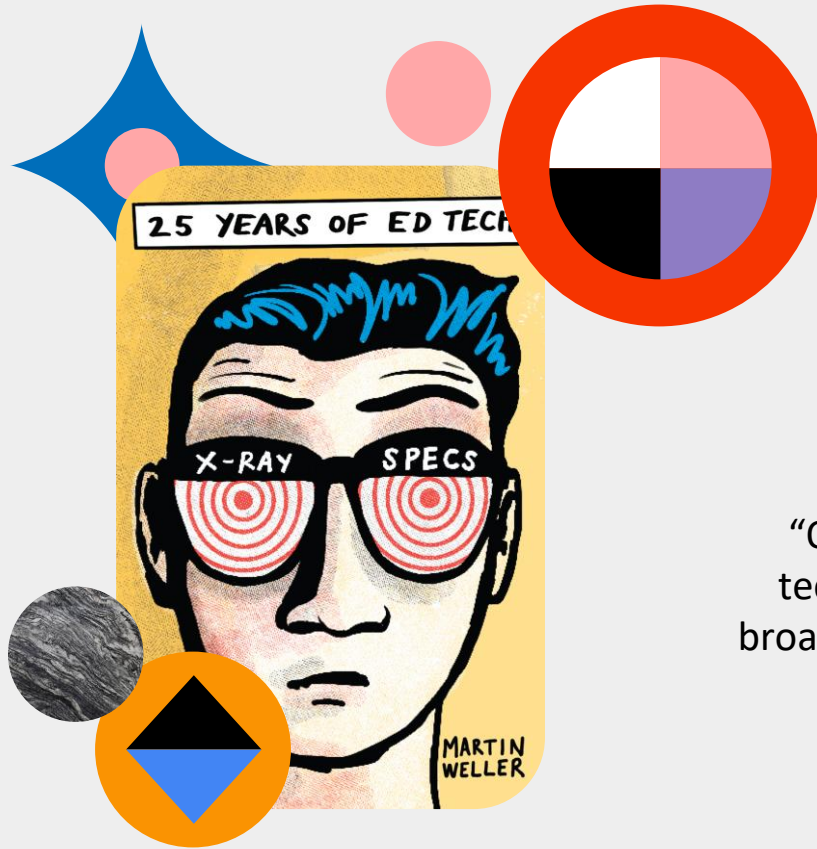




- ❑ Good for identifying patterns and offering recommendations (more like a jazz ensemble than a chamber orchestra)
- ❑ BUT only as good as the data (Snoopy problem)
- ❑ No substitute for human creativity/expertise - patterns, not truth
- ❑ A limited universe - major concerns about AI as “privilege multiplier” and around bias
- ❑ Platform lock-in, monetized data, ruled by ToS

Lessons for AI: A Trade-off





Critical Curiosity

“One can still be enthusiastic about the applications of technology to benefit learners while being aware of the broader implications, questioning claims, and advocating for (or conducting) research about real impacts”



- ❑ Process tools - not a substitute for subject matter expertise
- ❑ Value of transparency & credit
- ❑ Tools that require skill
- ❑ Role for critical use
- ❑ Student use as a signal & an engine for open practice!

Generative AI
A View from 200+ educators





- ❑ Democratizing creation
- ❑ Leveling effect e.g. non-native speaking scholars
- ❑ Solve persistent problems in open knowledge e.g. ancillaries, alt-text
- ❑ Tyranny of the blank page
- ❑ Executive function: attention and motivation

AI can be pretty good . . .



**If father did the washing
just once!**

If every father did the family washing next Monday there would be an electric washing machine in every home before next Saturday night.



You will find this monogram of the General Electric Company on many devices that take the drudgery out of housework. Look at it closely and remember the letters G-E. They are a symbol of service—the initials of a friend.

For fathers are used to figuring costs. They'd say: "The electricity for a week's washing costs less than a cake of soap. Human time and strength are too precious for work which a machine can do so cheaply and well."

GENERAL ELECTRIC



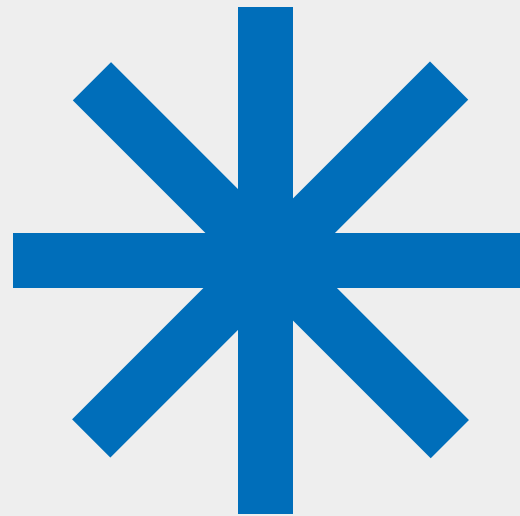
- ☐ Replacing humans
- ☐ Mountains of sludge (and hate)
- ☐ Environmental damage
- ☐ Undermines industrial bargain re:
search, ads, & attention
- ☐ Accelerating bad trends

... Or very bad



Text generated by large language models (LLMs) often violates several of Wikipedia's core content policies. For this reason, **the use of LLMs to generate or rewrite article content is prohibited**, save for these two exceptions:

1. Suggest **basic copy edits** to their own writing
2. **Translate** articles from another language's Wikipedia into the English Wikipedia



FREE AS IN EXPENSIVE BEER

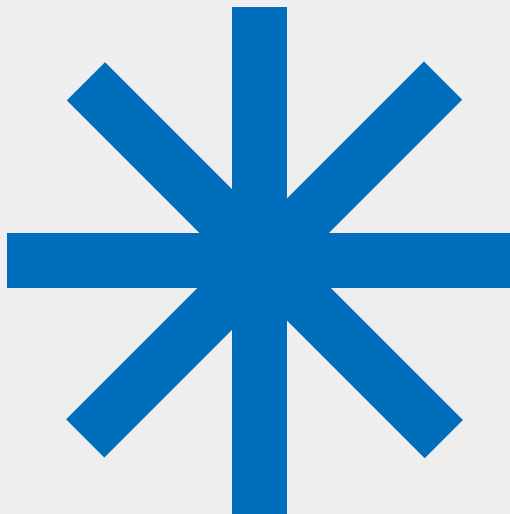
Wikipedia signs major AI firms to new priority data access deals

Wikimedia Enterprise signs Microsoft, Meta, Amazon, Perplexity, and Mistral to API access deals.

BENJ EDWARDS – JAN 15, 2026 10:25 AM 133



→ Is AI the missing piece of the Wikipedia puzzle? Credit: Wikipedia



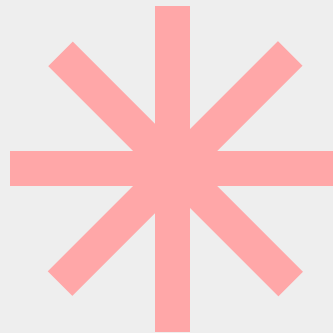
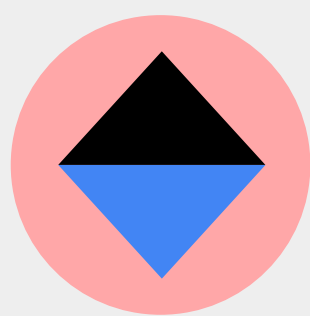
Quo Vadis, Crawlers? Progress and what's next on safeguarding our infrastructure

26 March 2026 by [Birgit Mueller, Wikimedia Foundation](#), [Chris Danis, Wikimedia Foundation](#) and [Giuseppe Lavagetto, Wikimedia Foundation](#)

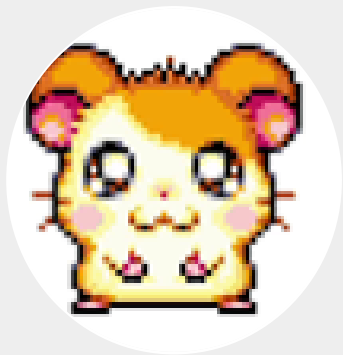
🌐 [Translate this post](#)



<https://arstechnica.com/ai/2026/01/wikipedia-will-share-content-with-ai-firms-in-new-licensing-deals/>



Reverse Centaurs



Welcome to 2026



newandabitalarming.bsky.social

@newandabitalarming.bsky.social

+ Follow

My school has both a no-AI policy and a "here's your free Ai account" policy so

9:28 PM · Mar 9, 2026





Reverse Centaurs

In automation theory, a “centaur” is a person who is assisted by a machine. You’re a human head being carried around on a tireless robot body. Driving a car makes you a centaur, and so does using autocomplete. A “reverse centaur” is machine head on a human body, a person who is serving as a squishy meat appendage for an uncaring machine.



Amazon driver shares viral TikTok of the company's AI system that tracks her movements

By [Grace Kay](#) [+ Follow](#)



An Amazon delivery driver posted a TikTok that explains how the company's AI-camera system works. TikTok





Guidance on AI Detection and Why We're Disabling Turnitin's AI Detector

<https://www.vanderbilt.edu/brightspace/2023/08/16/guidance-on-ai-detection-and-why-we-re-disabling-turnitins-ai-detector/>

Using AI to Implement Effective Teaching Strategies in Classrooms: Five Strategies, Including Prompts

The Wharton School Research Paper

26 Pages • Posted: 24 Mar 2023

[Ethan R. Mollick](#)

University of Pennsylvania - Management Department

[Lilach Mollick](#)

University of Pennsylvania - Wharton School

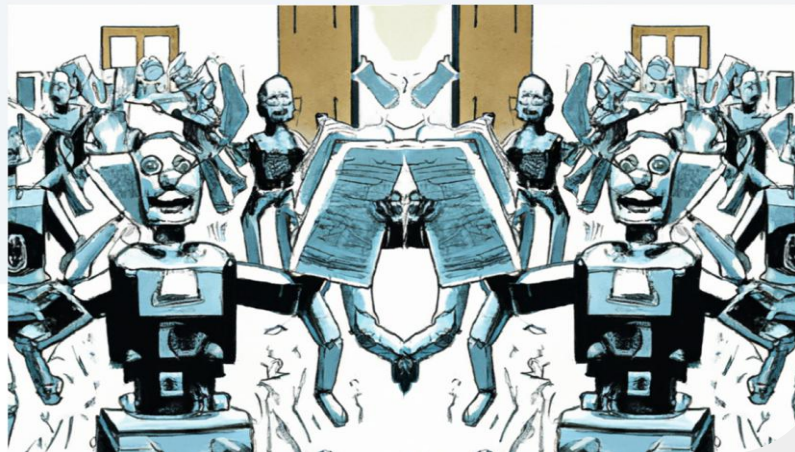
Date Written: March 17, 2023

Abstract

This paper provides guidance for using AI to quickly and easily implement evidence-based teaching strategies that instructors can integrate into their teaching. We discuss five teaching strategies that have proven effective.

https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4391243

Adapting your course to artificial intelligence



<https://cte.ku.edu/adapting-classes-artificial-intelligence-era>

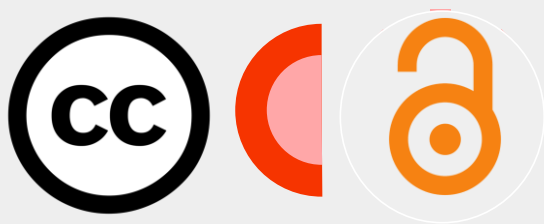




How Do We Work Together Today

Report from 12 workshops with open educators on their
needs and experiences working with generative AI

<https://www.doers3.org/gen-ai-and-oer.html>



#NDOER



Policy Priorities

Center

Use should be evaluated through the lens of student experience and outcomes

Students and Critical Pragmatism

Neither a panacea nor a blight; tools that exist within larger educational context

Policy Follows Pedagogy

Support the best pedagogical decisions, rather than particular tools

Empower Vulnerable Learners

Meet students where they are; provide latitude for students to adopt or reject the tools as they need

Open As a Lense

Deciding when and how to adopt
an edtech tool like AI

- A values-led approach that centers authenticity and inclusion
- A pragmatic approach focused on helping real people in this moment
- A curious and experimental approach that leaves space for mistakes and failure
- An intentional approach that looks at capability, terms of service, and trade-offs



- ☐ Beneficence
- ☐ Justice
- ☐ Respect for Autonomy
- ☐ Transparency and Explainability
- ☐ Accountability and Responsibility
- ☐ Privacy and Data Protection
- ☐ Nondiscrimination and Fairness
- ☐ Assessment of Risks and Benefits



EDUCAUSE

UNCOMMON THINKING
FOR THE COMMON GOOD

<https://er.educause.edu/articles/2025/6/ethics-is-the-edge-the-future-of-ai-in-higher-education>



- ☐ Access And Equity
- ☐ Accessibility
- ☐ Algorithmic Bias
- ☐ Care And Wellbeing
- ☐ Data Security And Privacy
- ☐ Design Justice
- ☐ Digital Literacy
- ☐ Environmental Impact
- ☐ Indigenous Rights
- ☐ Intellectual Property Rights
- ☐ Operational Sustainability

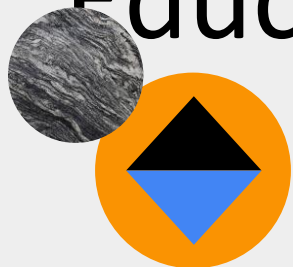


A Framework for Critical EdTech Use





Using AI in Open Education





OpenStax's Biology

Shared

+ Create notebook

Settings



Sources



Select all sources



Unit 00 Preface



Unit 01 The Chemistry of Life



Unit 02 The Cell



Unit 03 Genetics



Unit 04 Evolutionary Processes



Unit 05 Biological Diversity



Unit 06 Plant Structure and Function



Unit 07 Animal Structure and Function



Unit 08 Ecology



Unit 09 Appendix A The Periodic Table ...



Unit 10 Appendix B Geological Time



Chat



The tremendous diversity of life on Earth provides an exciting foundation for concepts and skills relevant to a growing range of careers. This OpenStax notebook aligns to the topics and outcomes of introductory biology courses, and reflects foundational and cutting-edge scientific knowledge and practice. Through the overarching lens of evolution, we deepen readers' ability to apply critical thinking and scientific reasoning; the material guides learners through cause-and-effect, data processing, inductive and deductive reasoning, and experimental design. The notebook explores modern biotechnology techniques, such as prenatal genetic testing, **DNA barcoding**, and genomics. It also covers ecology and conservation topics such as the identification of **keystone species** essential for maintaining ecosystem structure, the role of **biodiversity hotspots** in focusing conservation efforts, and the potential of **chemical diversity** derived from species as a source for new pharmaceuticals. The material engages readers with prominent narratives of the diverse scientists who helped

Start typing...

13 sources



NotebookLM can be inaccurate; please double check its responses.

Studio



These studio outputs give an in-depth visual and audio overview of the notebook topic!

The Architecture of Life: A Biology...
13 sources · 91d ago

The Web of Life: Ecology Guide
1 source · 116d ago

Biology: A Guided Tour
Explainer · 13 sources · 123d ago

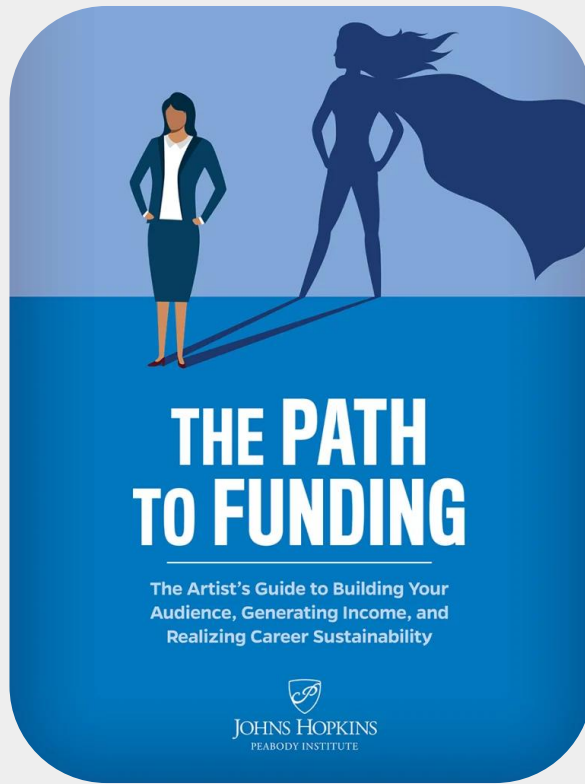
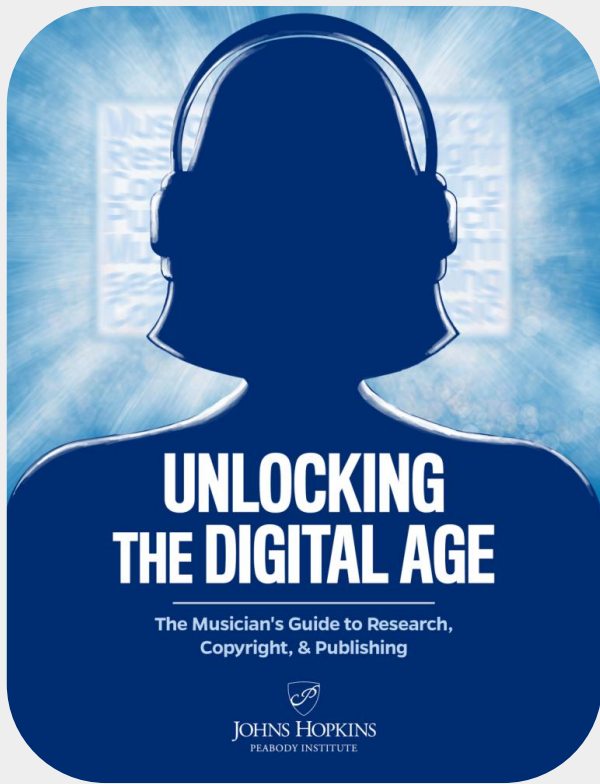
An Introduction to Biology
Explainer · 13 sources · 133d ago

Video Introduction: The Story of...
1 source · 192d ago

Audio Introduction:...
Deep Dive · 13 sources · 192d ago

Unit 01 Chemistry of Life Quiz
1 source · 193d ago







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AI Pause

By Amy Hofer | January 31, 2025

0 Comment

This post was contributed by Amy Hofer, Statewide Open Education Program Director, and Veronica Vold, Open Education Instructional Designer, Open Oregon Educational Resources. Thank you to Jeff Gallant, Program Director, Affordable Learning Georgia, and Stephen Krueger, Affordable Course Content Librarian, University of Kentucky, for their feedback and advice.

This post explains why the team at Open Oregon Educational Resources thinks that generative AI (GenAI) is not ready for the biggest open education projects that we're working on right now. We're not offering policy here, but rather guidance for authors along with an explanation of why we're taking a wait-and-see approach instead of continuing to experiment with the new tools. By sharing this post

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Participants in Modifying and Creating O [...]

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It's Not Enough to Just Remember: Using Generative AI to Scale the Atlanta Student Movement Archives for Public Use

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[Jeanne Law](#), [Kennesaw State University](#)

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Primary Investigator (PI) Name

Jeanne Law

Department

RCSS - English

Abstract

This research examines a pioneering collaboration between first-year student scholars and the KSU Atlanta Student Movement Project, focusing on their work as "red team" trainers for a custom GPT-based archival tool. Tasked with augmenting the digital database of the Atlanta Student Movement (a local chapter in the struggle for Civil Rights) these student-scholars tested and refined a transformative model that allows users to explore historical records in an immersive and interactive manner. During this presentation, attendees will gain insights into the research and training process, from initial data curation to user interface design. The discussion will illustrate how the model was transformed into an academic archive, underscoring the potential of digital archives to amplify underrepresented voices and encourage ethical engagement with the past. First-year scholars will demonstrate red-teaming and discuss surprises/challenges of working with oral histories. The "red team" methodology involved systematically challenging the model's outputs, enhancing its accuracy, mitigating biases, and ensuring historically faithful responses. By scrutinizing how the GPT model interpreted primary sources (such as protest documents, photographs, and news clippings) the students identified gaps in context and potential misrepresentations of the Movement's goals. The

Atlanta Student Movement Project Digital Archive ▾



Atlanta Student Movement Project Digital Archive

By Jeanne B Law



A collection of oral histories and documents produced by community elders and Kennesaw State University

Tell me about the evolution of the Atlanta Student...

When was the Atlanta Student Movement founde...

Who were the key leaders in the Atlanta Student...

What happened on October 19, 1960 and why was it...

+ Ask anything

🗣️ Voice

By messaging ChatGPT, an AI chatbot, you agree to our [Terms](#) and have read our [Privacy Policy](#).



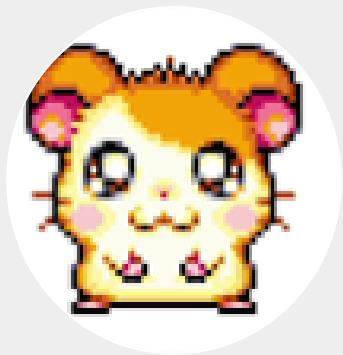


AI as Store Bought Cookies

Not as good as homemade, but they definitely have their
place and can be quite tasty!



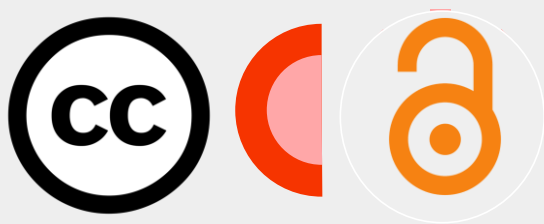
Hamster Dancing





The real AI crisis is how we take advantage of the opportunity

There will not be a perfect solution, but we
[students, teachers, institutions, society] have an
opportunity to explore innovative changes to
what we do.



#NDOER



Recenter Open

Human-Centered

Keep real people at the heart of this work and build relationships on trust rather than suspicion

Open Web

Reconfigure our expectations to push back on the worst tendencies of the current web

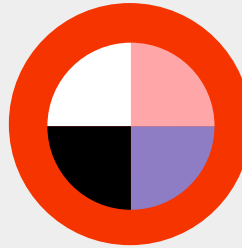
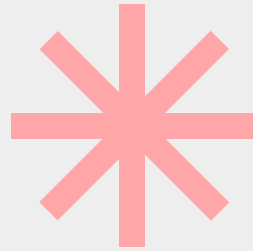
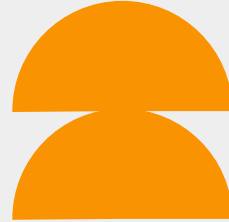
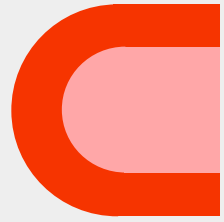
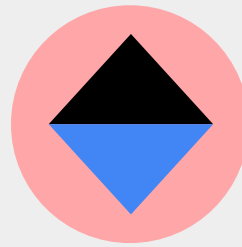
Open Sharing

Don't abandon the laws, licenses, and values at the heart of this work

Community & Coalition

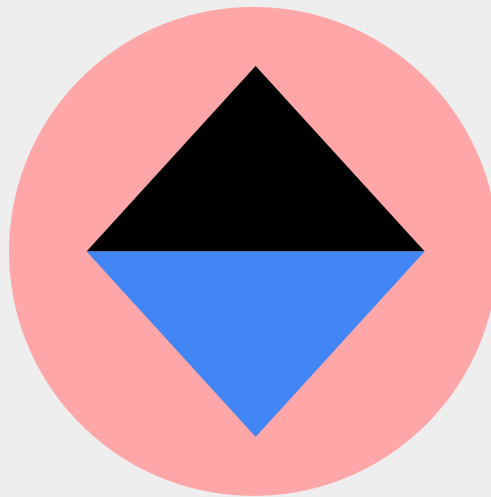
Build market and political power by working with our peers in public interest-aligned communities

Human Centered



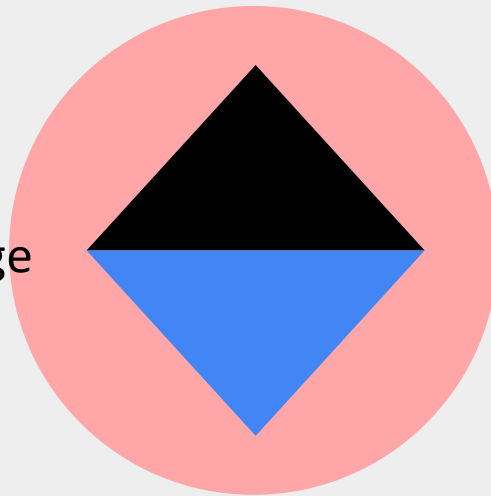
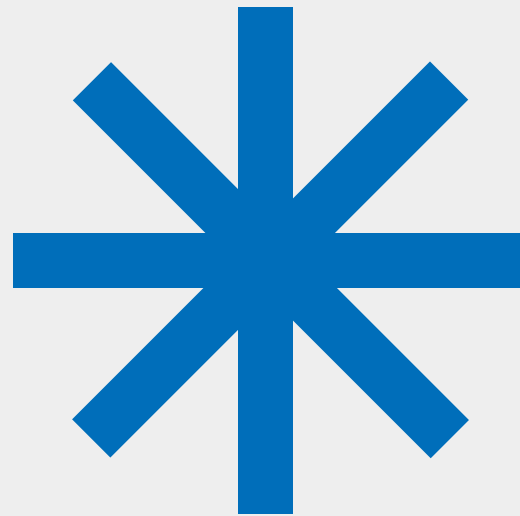


- ❑ Meet basic needs and authentic challenges.
- ❑ Leave space for experimentation, exploration, and even mistakes
- ❑ Trust individuals to understand their needs and support their learning

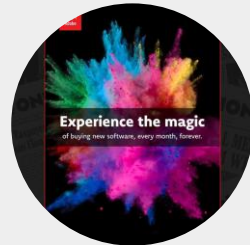
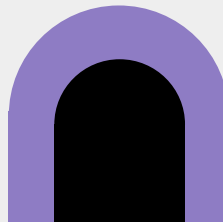
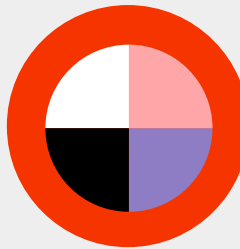
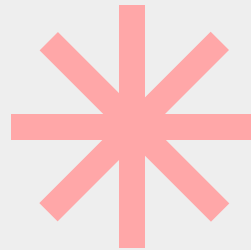
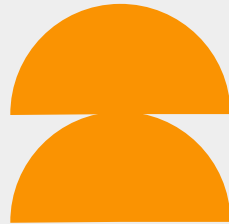
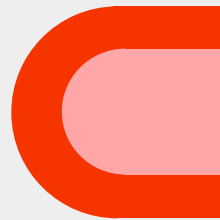
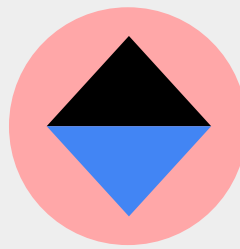




- ❑ Relationships based on trust rather than suspicion
- ❑ Reject surveillance, monitoring, and trying to catch bad actors
- ❑ Make pedagogy transparent and assignments authentic
- ❑ Skill development over knowledge reproduction

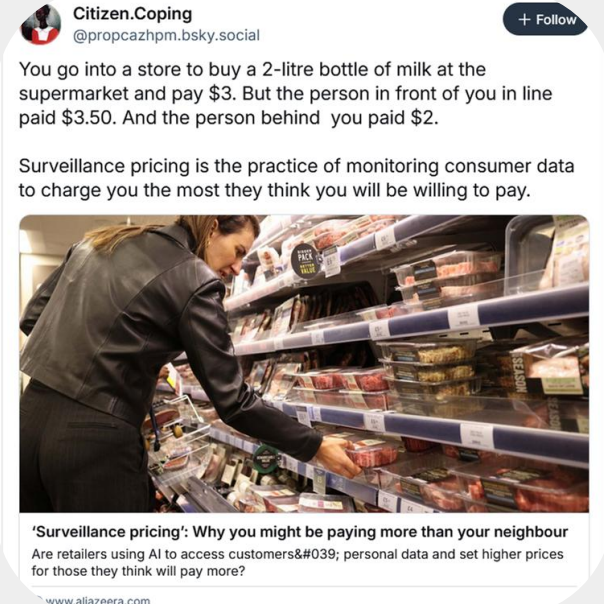
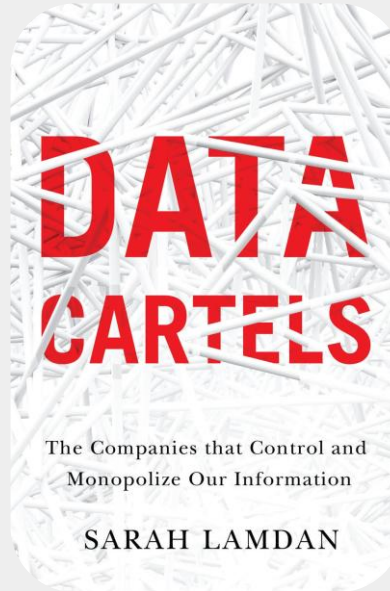


Open Web



Surveillance

I saw [publishers] as these little mom-and-pop legal information expert shops that gave us tote bags and helped sponsor our annual meeting. I didn't realize that they are actually parts of these multi-billion-dollar giant corporations that are basically like informational warehouses.



En 🐒 ification

"First, they are good to their users; then they abuse their users to make things better for their business customers; finally, they abuse those business customers to claw back all the value for themselves. Then, they die."



GOOGLING STUFF...

...THEN

SEARCH RESULTS:

THE THING YOU WANT.

...NOW

SEARCH RESULTS:

AI TAKING A WILD STAB AT IT WITH SOME BLATANT MISINFORMATION

SPONSORED RESULT

SPONSORED RESULT

SPONSORED RESULT

SPONSORED RESULT

PEOPLE ALSO ASK

• — : —
• — : —

VIEW PRODUCTS



~chaaz



Endless End of Ownership

If we own our purchases, we are free to make whatever lawful use of them we please. Technology need not constrain our freedom; it can also empower us.

NEWS + TECH + SAMSUNG

Samsung brings ads to US fridges



/ Samsung's 'screens everywhere' initiative is morphing into ads everywhere.

by [Thomas Ricker](#)
Sep 18, 2025, 5:45 AM EDT



25 Comments (All New)

at a lovely billboard for ads. Image: Samsung

BMW introduces new heated seat subscription in UK

3 hours ago



BMW has sparked debate after offering an online subscription to turn on heated front seats in its cars in the UK for £15 per month.

A monthly heated steering wheel subscription costs £10.

Subscriptions have been available for features on BMW cars for some time in the UK, but the heated seat offer started this month.

Bad Content Pushes Out Good

People who spent decades fighting for open knowledge are now cheering as knowledge is locked down, walled off, and restricted. Their reasoning? If it hurts AI companies, it must be good.



Institutional Repositories and AI Scraping

By Authors Alliance / October 8, 2025



We're Walling Off The Open Internet To Stop AI—And It May End Up Breaking Everything Else



from the *how-open-is-it?* dept
Mon, Sep 8th 2025 10:43am - Mike Masnick

Predictions

A longtime open internet activist recently asked me whether I'd reversed my position on internet openness and copyright because of AI. The question caught me off guard—until I realized what he was seeing. Across the tech policy world, people who spent decades fighting for an open, accessible internet are now cheering as that same internet gets locked down, walled off, and restricted. Their reasoning? If it hurts AI companies, it must be good.

This is a profound mistake that threatens the very principles these advocates once championed.



Cyberpunk Librarian
@cyberpunklibrarian.bsky.social

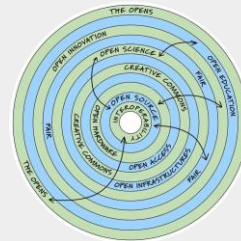
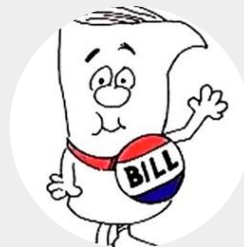
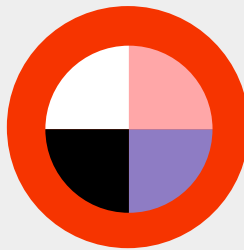
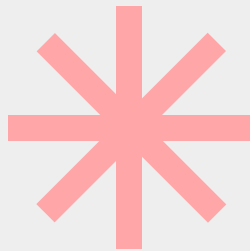
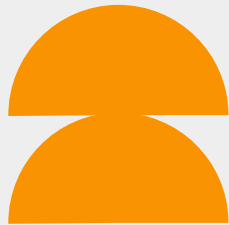
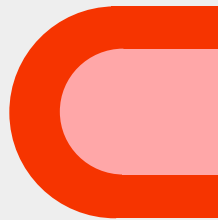
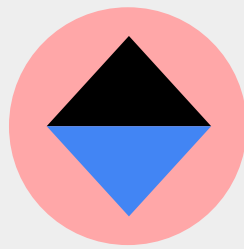
+ Follow

I've a systems librarian nerd level paper here co-authored by a friend and colleague. They discuss AI bots scraping the online catalogue, bringing it down by creating thousands of complex faceted searches.

AI takes and takes and does so multiple times per second



Open Sharing



AI & Law: Everything Old is New Again



Consider how much the issue of AI and copyright continues to inflame the public imagination, and yet, rather than launching a unified war, some media companies have sued, while other media companies – including *The Verge's* parent company Vox Media – have chosen to simply cut deals with the likes of OpenAI. Copyright is not a crusade; copyright is business as usual.



Blake E. Reid (Scary Halloween Edition) 🎃
@chup.blakereid.org

What hasn't changed about copyright politics is that industrial rightsholders still see anyone who wants to make unlicensed uses as anarchists (as Lessig put it in his post-Eldred lament), and that tech companies see unlicensed uses as innovation. Beyond that, things that have gotten v. complicated.

Sarah Jeong



AI & Law: Open = Sharing



“By “open access” to this literature, we mean its free availability on the public internet, permitting any users to read, download, copy, distribute, print, search, or link to the full texts of these articles, **crawl** them for indexing, **pass them as data to software**, or use them for any other lawful purpose, without financial, legal, or technical barriers other than those inseparable from gaining access to the internet itself.



AI & Law: Exceptions & Limitations



Supreme Court saves artists from AI

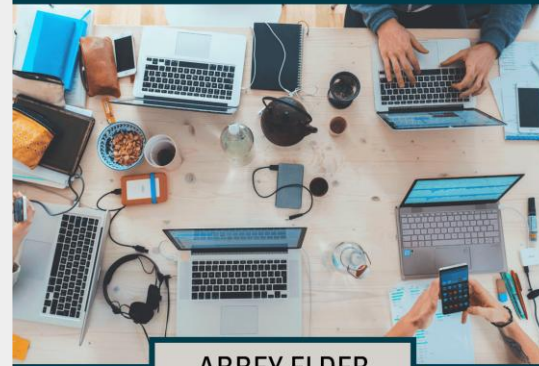
Just because you're on their side, it doesn't mean they're on your side.

Cory Doctorow [Follow](#) 12 min read · Mar 3, 2023

15K



the OER STARTER KIT



ABBEY ELDER



AI & Law: Look Beyond Copyright



Andrew Coutts ✓

@couts.bsky.social

+ Follow

NEW: Grammarly got hit with a class-action lawsuit this afternoon over its AI "expert review" feature that uses real experts' likenesses without their consent. @juliaangwin.com is the only named plaintiff. @milesklee.bsky.social has the scoop: www.wired.com/story/gramma...



Grammarly Is Facing a Class Action Lawsuit Over Its AI 'Expert Review' Feature

The feature, which Grammarly shut down Wednesday, presented editing suggestions as if they came from established authors and academics—without their consent.

www.wired.com

11:00 AM · Mar 11, 2026

Everybody can reply



Mark Lemley ✓

@marklemley.bsky.social

In addition to being evil, this is a crime in many states

www.404media.co/this-company...



This Company Is Secretly Turning Your Zoom Meetings into AI Podcasts

WebinarTV hosts 200,000 "webinars." A Zoom call you may thought was private might be one of them.

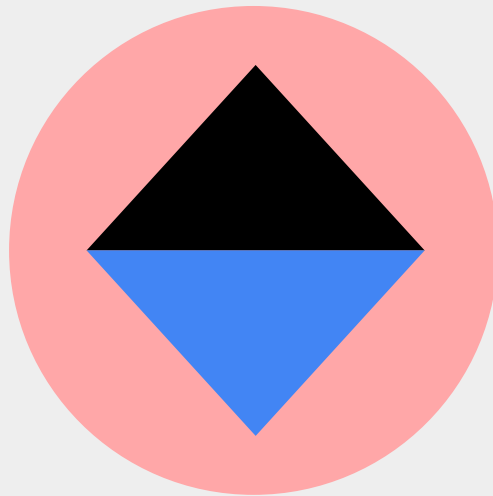
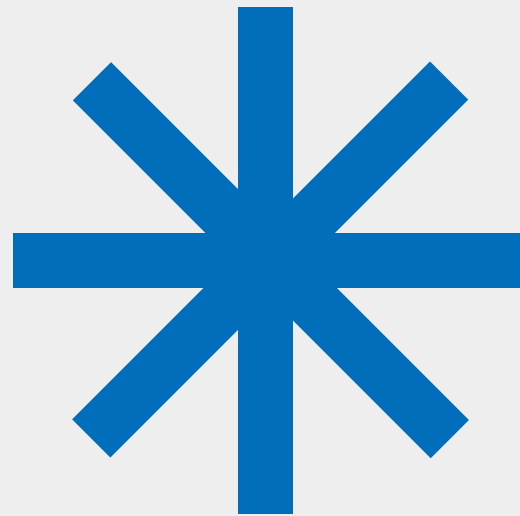
www.404media.co

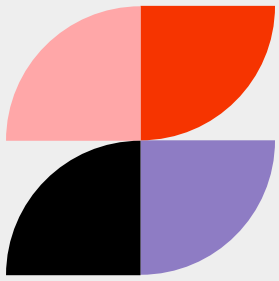
1:16 PM · Mar 24, 2026

Everybody can reply

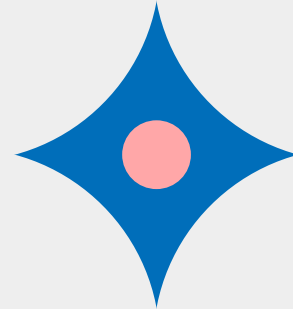
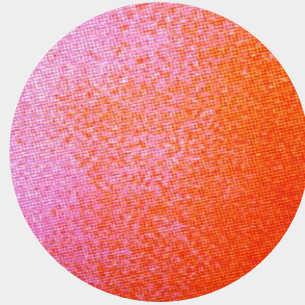
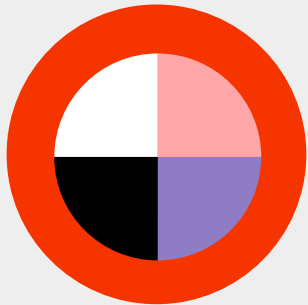


- ❑ Properitization of information has always **benefited those with structural power**, not those without it
- ❑ Large companies will **negotiate permissions** through licenses
- ❑ Focus on **core ethical questions** about access, labor, agency, due process, and surveillance, not copyright

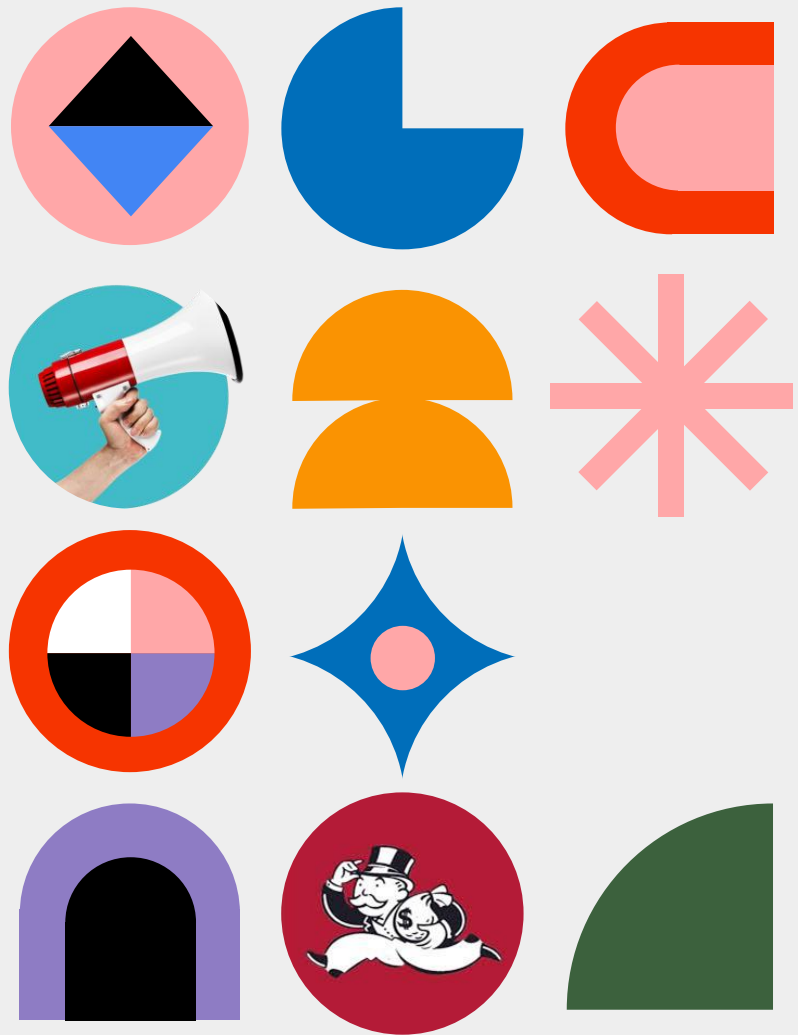




Don't let 'ethical AI' be co-opted to mean "I wrote a big check to Elsevier."



Community & Coalition



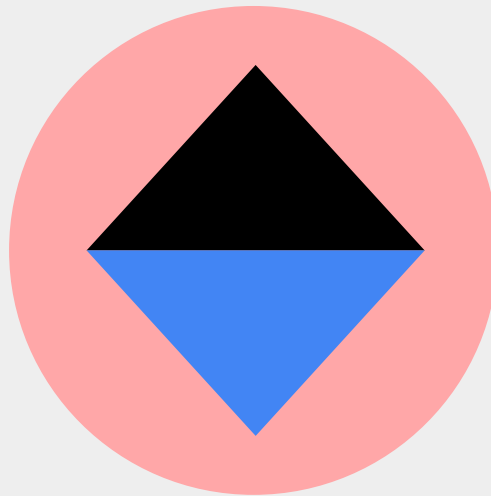


Higher Education is not Content *or* Tech

It's about people and pro-social values that law
and society are supposed to support. We can't
line up behind Big Tech or Big Content, we need
to build our own community

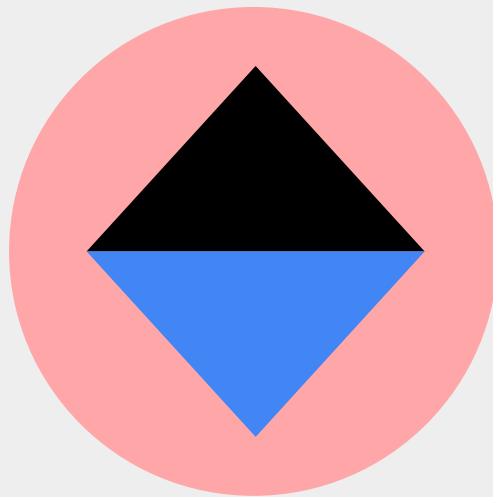


- ❑ Live and practice our values at all levels
- ❑ Partner and invest in open, values-led projects where we are able
- ❑ Creative business incentives for better practice where we can
- ❑ Support each other in spaces where we do not have control



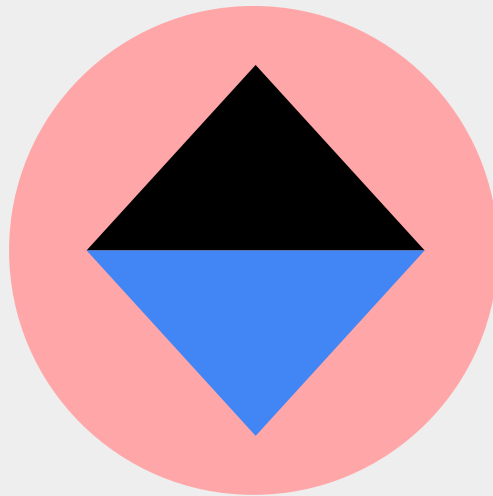


- ❑ Don't take sales claims at face value
- ❑ Use your information literacy skills to evaluate utopia and apocalyptic predictions
- ❑ Share best practices and challenges so we can all learn faster
- ❑ Prepare for bumps along the way



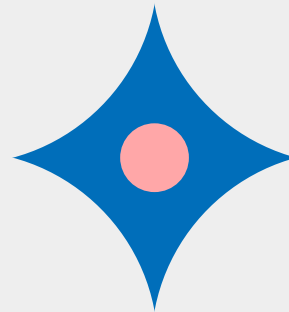
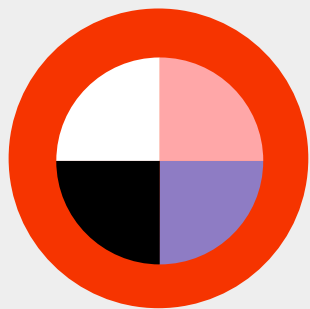


- ❑ Public serving institutions are special and the law recognizes this
- ❑ Advocate for that special status at every level
- ❑ Fight for contract preemption to return the law to our control
- ❑ Build community beyond your institution and your industry



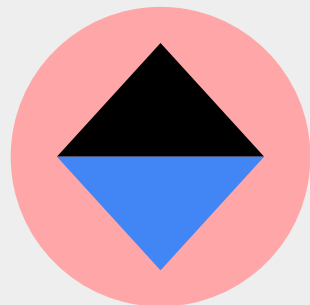
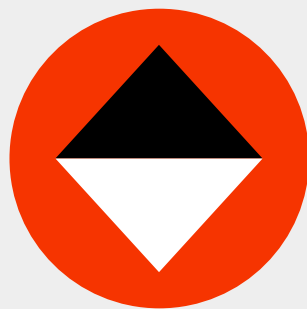
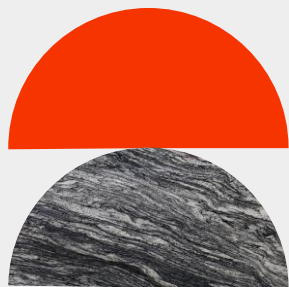


What Was Your Favorite Class





**“If I can't dance, I don't
want your revolution”**



THANK YOU

