

# INTERACT123 Research Round-Up: Artificial Intelligence & Higher Education

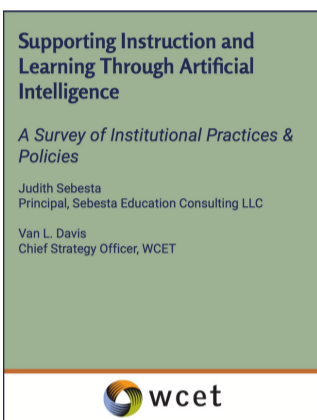
August 2023

Welcome to the INTERACT123 [Research Round-Up](#). Each month, we will provide you with recommendations for leading resources on a specific topic to support teaching, learning, and student success!

## Reports

### WCET Report (July 2023)

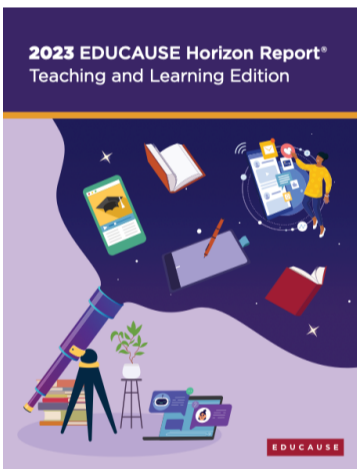
#### [\*Supporting Instruction & Learning Through Artificial Intelligence: A Survey of Institutional Practices & Policies\*](#)



"Artificial Intelligence in general poses numerous challenges for educators and students alike, such as academic integrity, lack of knowledge and training, misinformation, and implementation costs. However, AI also presents opportunities to support equity and access, increased efficiency, new understandings of (and urgency around) digital literacy and crucial workforce skills, and improved instruction and learning, among others."

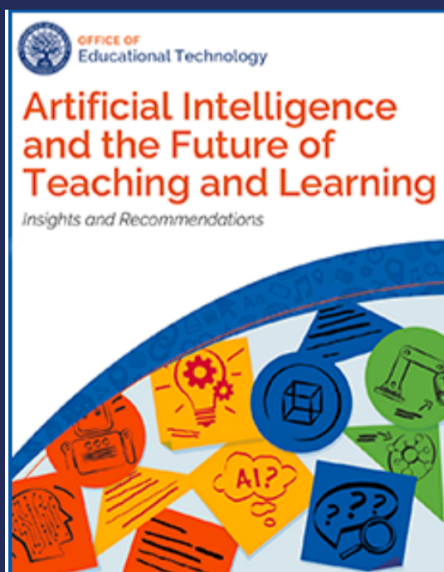
### EDUCAUSE (May 2023)

#### [\*2023 EDUCAUSE Horizon Report | Teaching and Learning Edition\*](#)



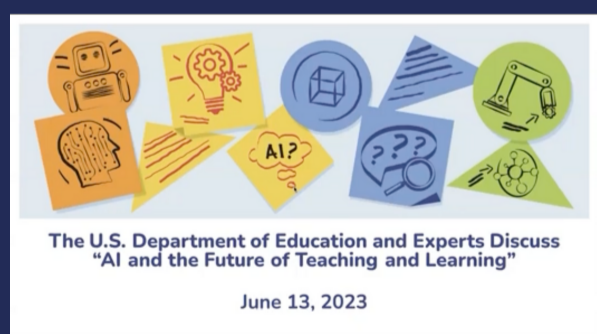
"Artificial intelligence (AI) has taken the world by storm, with new AI-powered tools such as ChatGPT opening up new opportunities in higher education for content creation, communication, and learning, while also raising new concerns about the misuses and overreach of technology. Our shared humanity has also become a key focal point within higher education, as faculty and leaders continue to wrestle with understanding and meeting the diverse needs of students and to find ways of cultivating institutional communities that support student well-being and belonging."

## U.S. Department of Education



### U.S. Department of Education Report (May 2023)

#### [\*Artificial Intelligence and the Future of Teaching and Learning: Insights and Recommendations\*](#)



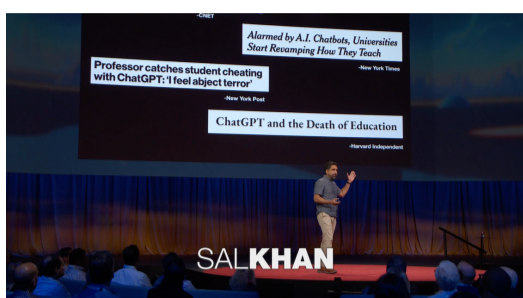
### U.S. Department of Education Webinar (June 2023)

#### [\*The U.S. Department of Education and Experts Discuss "AI and the Future of Teaching and Learning"\*](#)

# Videos

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## [How AI Could Save \(Not Destroy\) Education](#) Sal Kahn



"Sal Khan, the founder and CEO of Khan Academy, thinks artificial intelligence could spark the greatest positive transformation education has ever seen. He shares the opportunities he sees for students and educators to collaborate with AI tools -- including the potential of a personal AI tutor for every student and an AI teaching assistant for every teacher -- and demos some exciting new features for their educational chatbot, Khanmigo"

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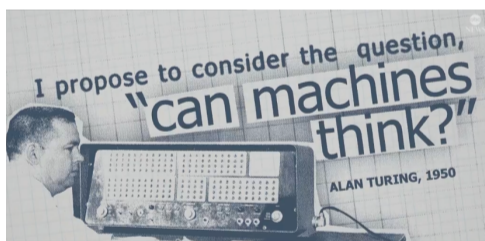
## [The Inside Story of ChatGPT's Astonishing Potential](#) Greg Brockman



"In a talk from the cutting edge of technology, OpenAI cofounder Greg Brockman explores the underlying design principles of ChatGPT and demos some mind-blowing, unreleased plug-ins for the chatbot that sent shockwaves across the world. After the talk, head of TED Chris Anderson joins Brockman to dig into the timeline of ChatGPT's development and get Brockman's take on the risks, raised by many in the tech industry and beyond, of releasing such a powerful tool into the world."

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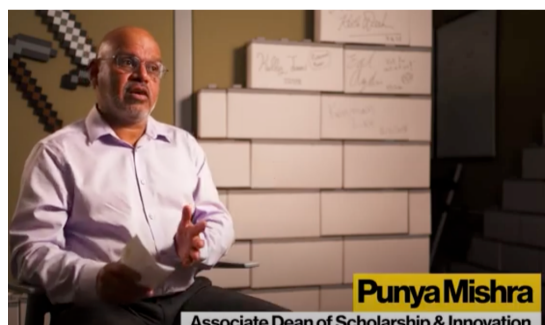
## [Can Artificial Intelligence Pass the Turing Test?](#) ABC NEWS



"Is AI capable of convincing humans that computers can behave like we do?" This newscast provides a brief historical overview of the Turing test and defining intelligence. The Turing Test is arguably one of the most well-known methods of evaluating how well artificial intelligence (AI) can think like a human."

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## [Futures of AI in Education & Diversity, Equity, and Inclusion](#) Punya Mishra



"Artificial intelligence (AI) is an encompassing family of technologies that extend into all sectors of human life. Although artificial intelligence in education (AIED) research is often framed as supporting student learning and enhancing the educational experience, it is also clear there is significant potential for harm. This proposed Learning Futures Collaborative group is being formed to develop a research plan and methodology to investigate the broad landscape of new and emerging technologies and the challenge for AIED communities to ensure these advancements are human-centered and humanist in their design, implementation, and interpretation. This group will also seek to investigate how AIED communities are able to integrate and inform critical issues of diversity, equity, and inclusion (DEI)."



# AI Tools

## [OpenAI](#)

- [ChatGPT](#): An AI-driven language processing tool for human-like conversations and generating text responses for questions, ideas, titles, outlines, essays, code, and more.
- [GPT-4](#): OpenAI's most advanced system with faster responses, capable of generating textual responses, letters, code, and more, using prompts composed of texts and images.
- [DALL·E 2](#): An image generation AI model that creates images from text descriptions.

[Top 30 ChatGPT Alternatives that will Blow Your Mind in 2023 \(Garg, 2023\)](#)

[The Top AI Art Generators in 2023 \(Guinness, 2023\)](#)

[11 AI Video Generators to Use in 2023 \(Santiago, 2023\)](#)

[6 Free AI Music Generators to Create Unique Songs to Use In Your Projects \(Burton, 2023\)](#)

[10 Best AI Content Writing Tools in 2023 \(York, 2023\)](#)

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## Articles & Resources

[How College Educators are Using AI in the Classroom \(Hechinger Report, 2023\)](#)

[How Will Artificial Intelligence Change Higher Education \(The Chronicle of Higher Education, 2023\)](#)

[43 Examples of Artificial Intelligence in Education \(University of San Diego, 2023\)](#)

[AI Tools in Teaching and Learning \(Stanford University, 2023\)](#)

[Engaging with AI in your Education and Assessment \(UCLA, 2023\)](#)

[Artificial Intelligence & Higher Education: Chatbots, ChatGPT and Generative AI Resources \(DePauw University, 2023\)](#)

[Why Some College Professors are Adopting ChatGPT AI as Quickly as Students \(CNBC, 2023\)](#)

[ChatGPT Unleashed: An Advanced Exploration of AI-driven Course Design \(Nufer, 2023\)](#)

[The State of Artificial Intelligence in Nursing Education: Past, Present, and Future Directions \(Gagne, 2023\)](#)

[AI-based Academic Advising Framework: A Knowledge Management Perspective \(Bilquise & Shaalan, 2022\)](#)

[Teaching and Learning with AI-Generated Courseware: Lessons from the Classroom \(Schroeder et al., 2022\)](#)



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