

Key Takeaways and Helpful Resources from the Scholarly Publishing Webinar Series, co-sponsored by *Academic Medicine* and *MedEdPORTAL*

ChatGPT: Transforming Scholarly Pursuits with Conversational AI

A presentation by Christopher Kenneally on December 15, 2023

ChatGPT on what it is

“As a large language model trained by OpenAI, I generate responses to text-based queries based on the vast amount of text that I have been trained on. I do not have the ability to access external sources of information or interact with the Internet, so all the information I provide is derived from the text data that I have been trained on.”

As an author, use AI tools to:

- Brainstorm ideas / build an outline for your paper
- Generate a summary of key details
- Suggest a title for your paper
- Reduce the word count of your abstract / conference submission / poster
- Edit specific grammatical features (e.g., identify passive voice and suggest alternatives)
- Find an appropriate journal for your paper (e.g., using JANE [Journal/Author Name Estimator], EndNote)

During the peer review process, AI tools could be used to:

- Assess language quality
- Detect plagiarism and duplicate submissions
- Check for ethical compliance and copyright issues

Other AI considerations

- Writing detailed and precise prompts is critical for getting the best results
- Always check AI's work, beware of bias, false responses, and hallucinations
- Use AI's work as a first draft, not the final version
- Cite the tool, version, and date accessed in the text and/or disclosures
- Check journal guidelines for their AI policy
- AI cannot serve as an author on a paper (see <https://publicationethics.org/cope-position-statements/ai-author>)

Additional Resources

- [Use of AI Tools in MedEdPORTAL Submissions Policy](#)
- [Use of AI Tools in Academic Medicine Submissions Policy](#)
- Committee on Publication Ethics (COPE) [Artificial Intelligence \(AI\) in Decision Making](#) and [Artificial Intelligence and Authorship](#) guidance
- [Academic Medicine Article Collection: Artificial Intelligence and Academic Medicine](#)
The field is grappling with how to use AI tools, including natural language processing and machine learning models, in everything from the admissions process to conducting and publishing research. This collection features articles on this evolving topic published in *Academic Medicine*.
- [Do What You Do Better: Using AI Tools to Ease the Workload Burden on Faculty](#)
In this episode on the Academic Medicine Podcast, Christy Boscardin, PhD, Brian Gin, MD, PhD, Marc Triola, MD, and Gustavo Patino, MD, PhD, discuss the ways that AI tools can help ease the workload burden on faculty and staff, with a focus on assessment and admissions.
- [Artificial Intelligence \(AI\) in Academic Medicine Webinar Series](#)
This learning series from the AAMC explores critical concepts, the current landscape, and practical strategies drawn from various perspectives and institutions to support you in navigating the evolving world of AI.
- [Artificial Intelligence and Medical Education Resource Collection](#)
This collection includes scholarly resources, in-person and virtual events, and other information to help you stay up to date on the latest work happening across medical education. Also included are opportunities for you to engage with colleagues and experts in AI.

These key takeaways and helpful resources are from a webinar series hosted by the editorial teams of the AAMC's 2 peer-reviewed journals, Academic Medicine and MedEdPORTAL. Sessions cover the importance of publishing your education scholarship and practical suggestions for how to do so successfully. All are invited to attend. Learn more about upcoming sessions at <https://www.aamc.org/publishingwebinar>.