

AI tools do not replace an academic writer, but the two can collaborate

1. The key argument:

- ✓ In addition to reporting science, scientists use writing to think. Delegating writing to AI translates into delegating thinking to AI. Scientists want to think.
- ✓ Scientists can integrate AI-powered tools and other digital tools as assistants into their writing processes. See the writing lab w.space handouts “Digital Writing: Jumpstart Your Revision with Online Editing Tools” and “Online Tools that Improve your Vocabulary Use”) on this site.

2. To use or not to use ChatGPT: Academic integrity, plagiarism, and reliability of research.

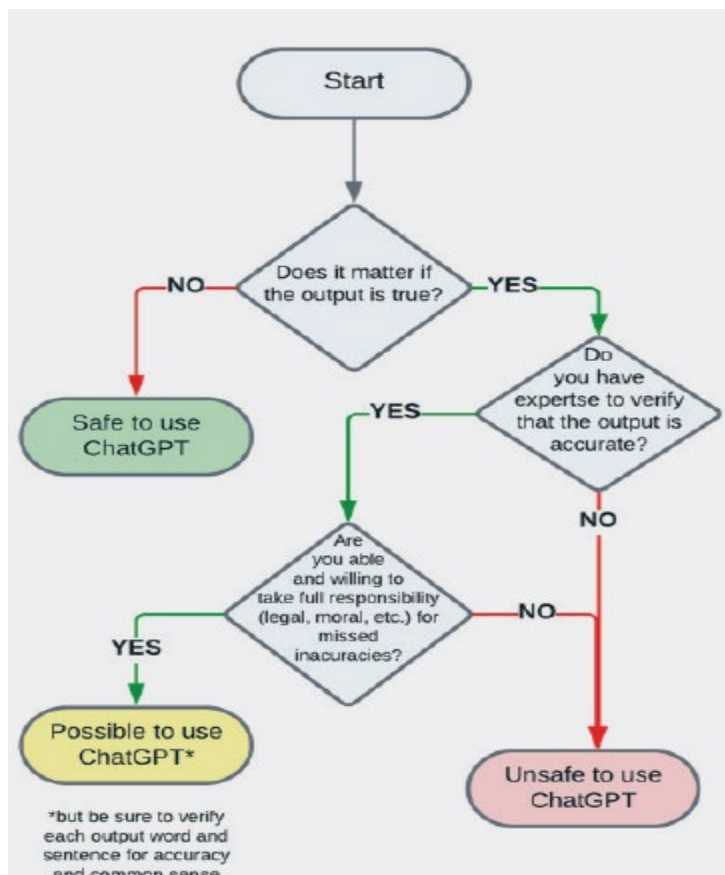
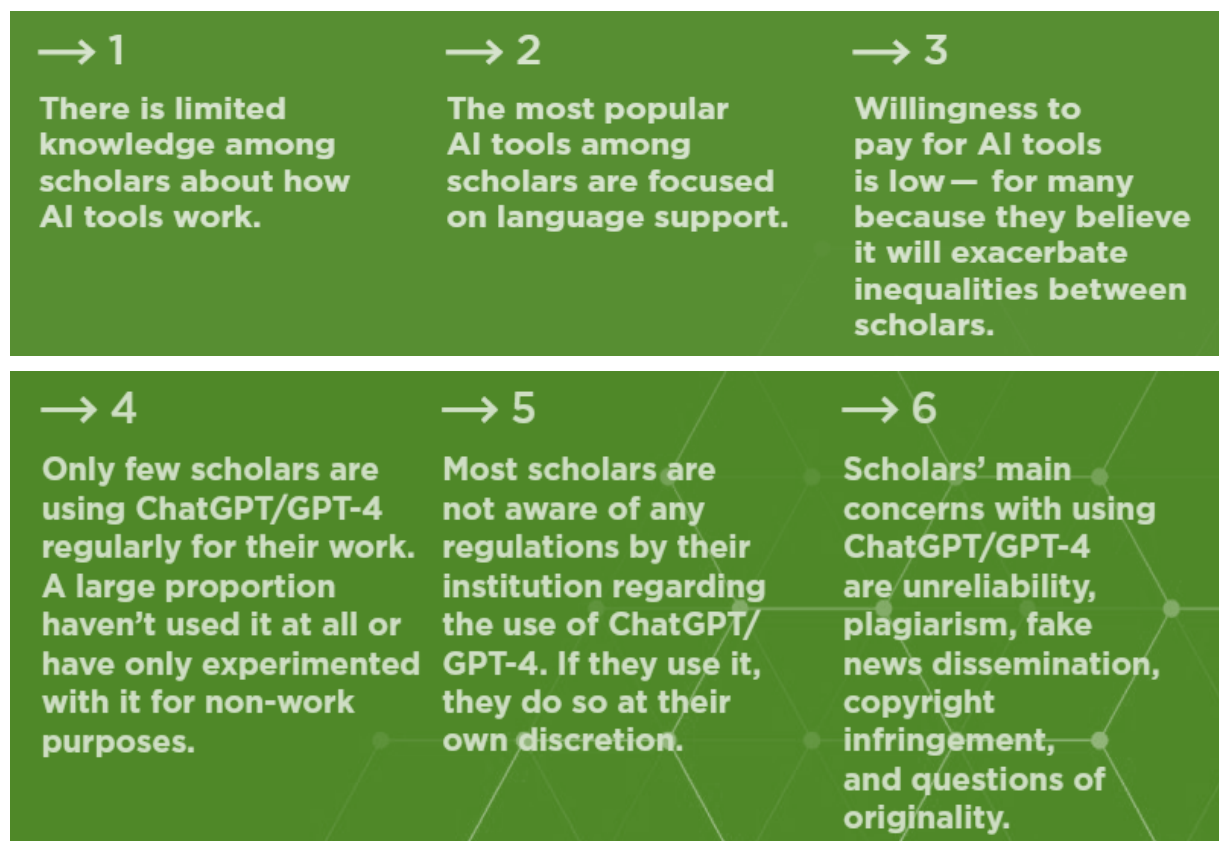


Fig. 1: When is it safe to use ChatGPT? A flowchart devised by Aleksandr Tiulkanov, AI and Data Policy Lawyer, January 2023. *ChatGPT and Artificial Intelligence in higher education: Quick start guide*. Unesdoc.unesco.org. (n.d.). <https://unesdoc.unesco.org/ark:/48223/pf0000385146>

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3. **Common concerns for the use of ChatGPT to generate academic texts:**
 - ✓ Plagiarism and academic integrity, fictitious references, and content bias (Teel et al., 2023)
 - ✓ Good vocabulary and grammatical correctness against the backdrop of stark unoriginality (Joshi, 2023)
 - ✓ Wordiness and clarity concerns
4. **Popular AI tools adopted by scientists to write papers:**
 - ✓ Translation tools: DeepL
 - ✓ Writing Assistants: Grammarly
 - ✓ Referencing tools: Citation Machine
 - ✓ Reading and summarizing tools: Semantic Scholar and Scholarcy
5. **As per De Gruyter publisher report (2023, p. 5):**



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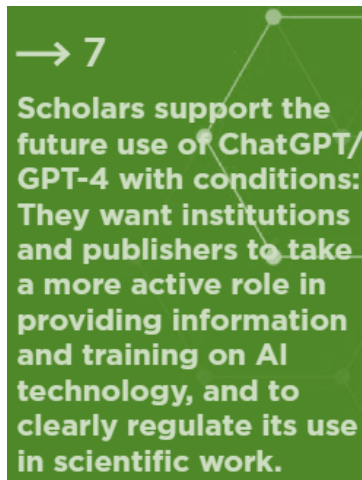


Fig. 2: Key research insights. De Gruyter report

References:

ChatGPT and Artificial Intelligence in higher education: Quick start guide. Unesdoc.unesco.org. (n.d.). <https://unesdoc.unesco.org/ark:/48223/pf0000385146>

De Gruyter Report Cautious but Curious: AI Adoption Trends Among Scholars. 11 October 2023. <https://blog.degruyter.com/wp-content/uploads/2023/10/De-Gruyter-Insights-Report-AI-Adoption-Trends-Among-Scholars.pdf>

Joshi, Y. (2023). Guest editorial. Good science writing in the days of AI and ChatGPT. *Current Science*, 125(9), 923–924.

Teel, Z. (Abbie), Wang, T., & Lund, B. (2023). ChatGPT conundrums: Probing plagiarism and parroting problems in higher education practices. *College & Research Libraries News*, 84(6). <https://doi.org/10.5860/crln.84.6.205>

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