



RESEARCH IN ACTION

Academic Integrity and Artificial Intelligence in the Postplagiarism Era

SUMMARY OF RESEARCH FINDINGS

Dr. Sarah Elaine Eaton and her team asked more than 450 research participants to assess whether writing was written by a human, generated by an artificial intelligence (GenAI) app, or cut-and-pasted from the internet. The team also interviewed a portion of the participants to find out what they thought about academic cheating in the age of GenAI.

Findings showed that fewer than half of people who participated in the study could correctly identify when text was written by a human or generated by an AI app. The interviews showed that educators are worried about how AI will affect student learning and are asking for practical and hands-on training so they can better understand how AI can be used ethically for teaching, learning, and assessment.

TIPS & TAKEAWAYS

▶ AVOID USING DETECTION TOOLS

Avoid using detection tools that claim that they can identify when students have used GenAI for writing. The tools do not hold up to their promises and can falsely flag academic misconduct.

▶ USE APPROPRIATE ASSESSMENTS

Design or (re)design assessments that focus on learning as a process, rather than learning as a product. Oral assessments are one strategy to do this.

▶ STAY UP TO DATE ON AI DEVELOPMENTS

Remember that AI is here to stay. It is not just another fad in education. Engaging in ongoing professional learning about AI will help teachers stay current.

LEARN MORE

- Master of Education 4-course topic in Generative Artificial Intelligence: <https://werklund.ucalgary.ca/graduate-programs/generative-ai-and-educational-innovation>
- Academic integrity and artificial intelligence in higher education (HE) contexts: A rapid scoping review: <https://doi.org/10.55016/ojs/cpai.v7i3>
- Artificial Intelligence and Academic Integrity: The Ethics of Teaching and Learning with Algorithmic Writing Technologies: <https://osf.io/4cnvp/>



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