



UNE L&T Symposium 2024 – Presentation Synopsis

1. Title of Presentation:

Dropping Out of the Arms Race – Incorporating Artificial Intelligence Tools in Formative Academic Writing Assessments

2. Presenter(s) Name(s) and Affiliation(s):

Dr Adam Rosser, Dr Rosanna Murphy. School of Science and Technology, UNE

3. Main Takeaways:

Takeaway 1: AI tools are here to stay and we will need to work with them rather than against them to prepare our students for the future.

Takeaway 2: AI tools can be used to enhance the quality, scaffolding, and integrity of formative academic writing assessments, without a significant increase to the workload of academic staff.

4. Application in Educational Contexts:

Assessment:

- We present a transferrable model for scaffolding students' use of generative AI tools in written assessment tasks.
- Also, we present an effective method of leveraging generative AI to create fictional content for case study style reports, allowing for improved scaffolding of academic skills and academic integrity.

5. Valuable Sources and References:

Source 1: A thought provoking article that inspired me to think more creatively about these problems. <https://educational-innovation.sydney.edu.au/teaching@sydney/what-to-do-about-assessments-if-we-cant-out-design-or-out-run-ai/>

Source 2: An article about why it is time to train our students in the ethical use of AI tools to help create job ready graduates: <https://www.abc.net.au/news/science/2023-01-25/chatgpt-midjourney-generative-ai-and-future-of-work/101882580>

6. Weakness and Area for Future Research:

Weakness: Academic integrity metrics aside, this is anecdotal evidence.

Future Research: This method is ripe for research, including a follow up investigation of performance in writing tasks in subsequent units and a qualitative analysis of student perspectives on this approach to assessment.