

Statement on Academic Integrity and Artificial Intelligence

The International Center of Academic Integrity is dedicated to building and strengthening cultures of honesty and integrity within academic settings and society at large (ICAI, nd, para 3). We aim to respond to the trends and issues related to academic integrity standards and practices (ICAI, nd, para 4). Given this aim, we want to respond to artificial intelligence tools' current and dramatic rise across the educational sector. Focusing on our organizational aim, we offer the following statement on artificial intelligence and academic integrity.

Artificial intelligence applications have the potential to support student learning and development when used ethically and appropriately. However, inappropriate reliance can be a barrier to student learning and may lead to academic integrity breaches. Institutional leaders, faculty, staff, and students need to reflect on the differences between appropriate and inappropriate use of these applications. Institutions and their staff should develop effective guidance for their leaders, faculty, staff, and students that clearly outline responsibilities for these applications' ethical, transparent use.

Responsible and ethical use means recognizing that these tools are digital assistants that do not think but rather use algorithms to predict content. A scholarly skepticism for the use of these applications is important for the following reasons:

- there are privacy and confidentiality concerns about personal user data;
- there is a potential for bias in generated output;
- there is a potential for misinformation, disinformation, and false information related to the generated output, including falsified references (referred to as hallucinations or generation of phantom data);
- there are copyright and plagiarism concerns related to the generated output;
- there is a potential risk for lack of diverse voices in the generated output;
- there are access issues related to superior applications behind paywalls;
- there is a potential detriment to the environment due to the energy (and harmful emissions) required to run these applications;
- there are potential concerns about its ethical use as it remains an unregulated industry.

The careful and thoughtful use of artificial intelligence in learning environments can enhance and support student learning. As these applications continue to evolve, so should our conversations with students, academics, and organizations.