

## IUT 2024 Conference Poster: Teaching Care Ethics for the Use of Artificial Intelligence in Education: Thought Experiments and Deep Discourse

When OpenAI released ChatGPT in the fall of 2022, ChatGPT and other generative artificial intelligence (AI) programs that followed became tools for educators to generate pedagogical teaching materials quickly using a small prompt and a select usage of words. The development of lessons, activities, and handouts became easy to create at the touch of a button. Generative AI programs seem beneficial to students as well, as it gives students the ability to generate content such as research papers in less than one minute. Public schools have acknowledged that generative AI could bring unprecedented changes to the field of education, both positive and negative. However, education administrators and policymakers are currently grappling with how to use AI ethically.

In this conference poster, we discuss some of the benefits and challenges that generative AI presents to public schools. We then explain how widely adopted classical systems of ethics would justify various forms of AI uses in the school setting. After that, we engage the viewer in two thought experiments that illustrate how classical systems of ethics leave open the possibility of harm to students from AI use. We take the position that any harm to students from AI use is unacceptable. Therefore, we present care ethics, as defined by Dr. Carol Gilligan and Dr. Nel Noddings, as an alternative or compliment to classical systems of ethics for justifying various uses of generative AI. We also discuss the tradeoffs involved in using care ethics to guide the use of generative AI in public schools.

We encourage viewers to scan our poster from top to bottom and then left to right. We also invite viewers to contact us via email with questions about the content of our poster and with opportunities to collaborate on research projects related to ethics in AI use for educational settings. Dr. Timothy Mattison's email address is [tmattison@usi.edu](mailto:tmattison@usi.edu), and Dr. Elizabeth Wilkins' email address is [ewilkins@usi.edu](mailto:ewilkins@usi.edu).