

**BACKGROUND**

- Use of AI among college students is becoming more prevalent
- Utilizing AI for academic purposes may constitute cheating
- International studies show physician trainees and pharmacy students believe AI
  - Could improve clinical judgement<sup>1</sup>
  - May aid in gathering information more efficiently<sup>2</sup>
  - Should be included in their education<sup>3</sup>

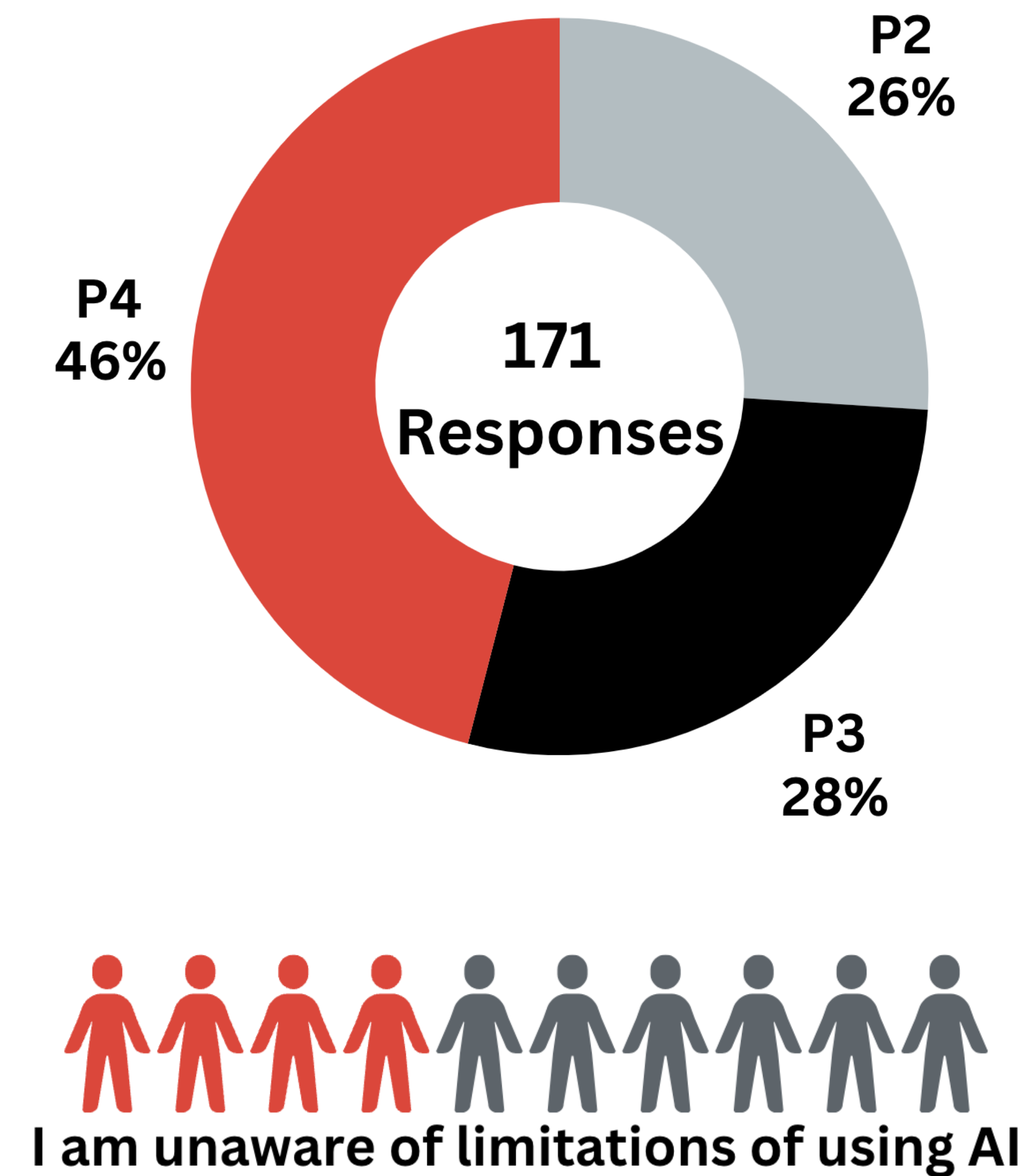
**METHODS**

SIUE, North Dakota University, Union University, & University of Wyoming

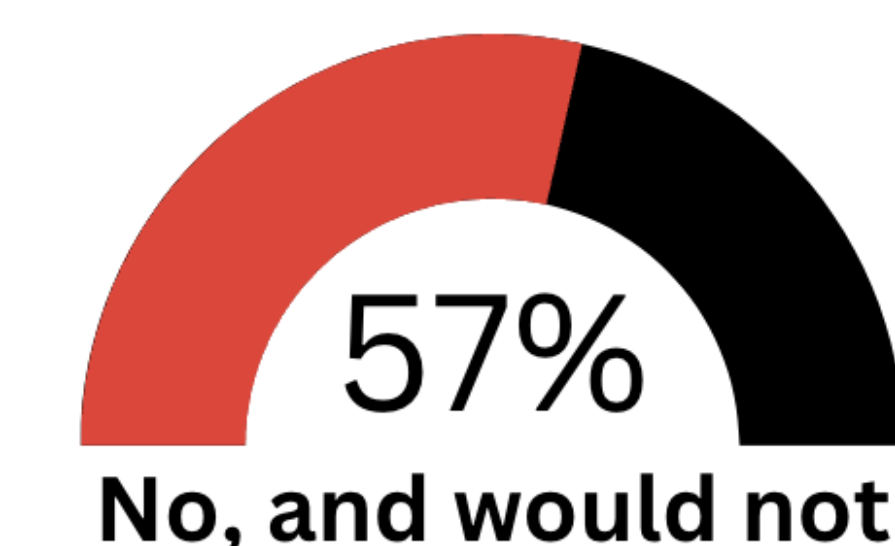
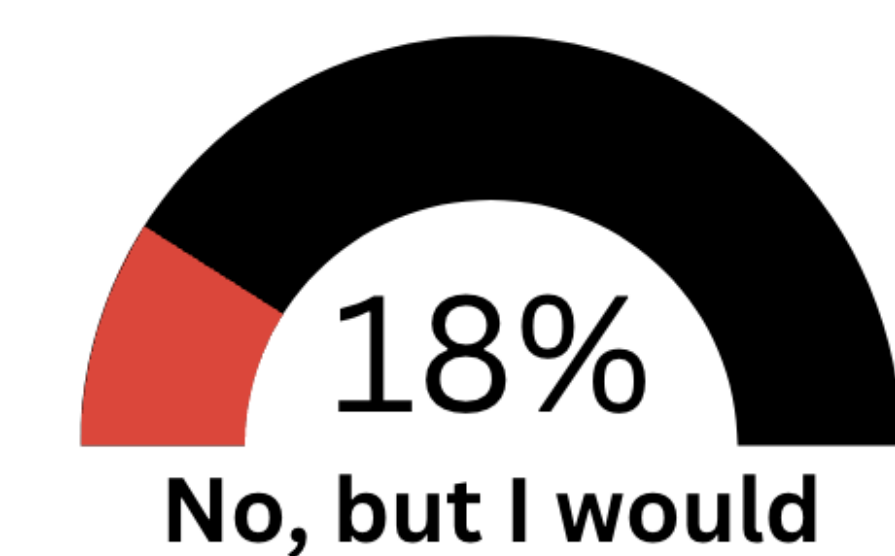
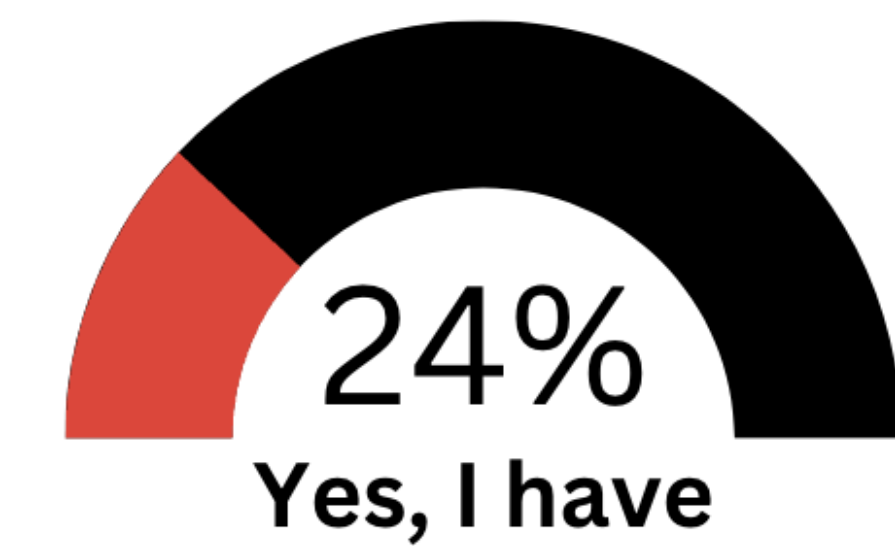
P2, P3, and P4 Students

14-question anonymous Qualtrics Survey

**RESULTS**

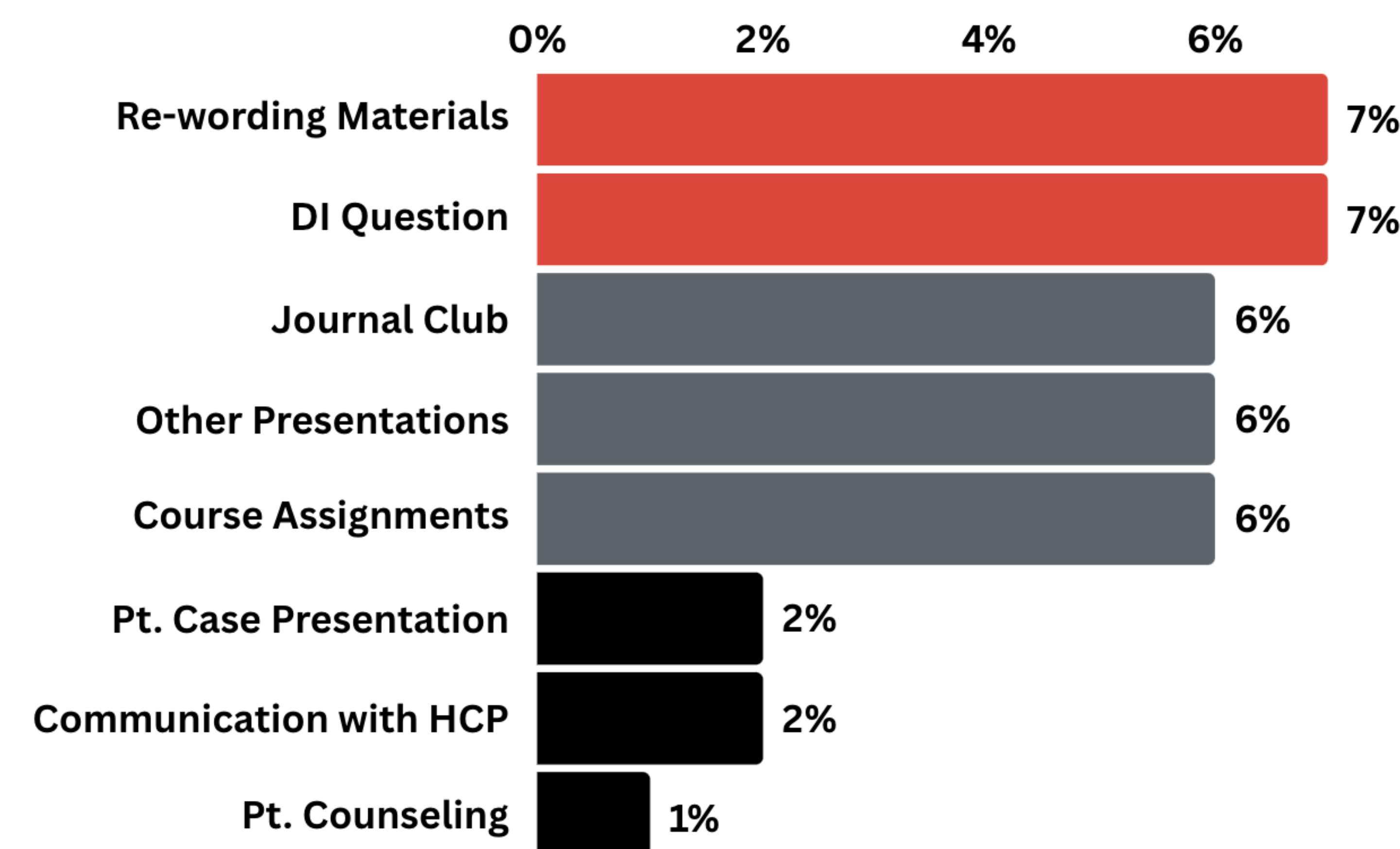


Have you used AI for Academic purposes?



Student Perceptions on Morality and Ethics of Using AI			
Questions	Agree	Neutral	Disagree
Using AI tool to complete assignments and exams is academic dishonesty, similar to plagiarism	72 (46.5%)	57 (36.8%)	24 (15.5%)
It is possible to use AI in an ethical and responsible way to help complete academic work	97 (63.0%)	36 (23.4%)	21 (13.6%)
I believe using AI tools to help complete academic work is morally wrong	44 (28.6%)	53 (34.4%)	57 (37.0%)
There should be consequences for using AI tools to complete academic work and passing it off as your own	92 (59.4%)	39 (25.2%)	22 (14.2%)

Academically, I have used AI on



**CONCLUSION**

- Pharmacy students are using AI tools in their pharmacy education
- Pharmacy programs must consider incorporating AI training to prepare students for the future

**References**

1. Banerjee, M., Chiew, D., Patel, K.T. et al. The impact of artificial intelligence on clinical education: perceptions of postgraduate trainee doctors in London (UK) and recommendations for trainers. BMC Med Educ 21, 429 (2021). <https://doi.org/10.1186/s12909-021-02870-x>.
2. Iwasawa, M., Kobayashi, M., & Otori, K. (2023). Knowledge and attitudes of pharmacy students towards artificial intelligence and the ChatGPT. Pharmacy Education, 23(1), p. 665–675. <https://doi.org/10.46542/pe.2023.231.665675>.
3. Pucchio, A., Rathagirishnan, R., Caton, N. et al. Exploration of exposure to artificial intelligence in undergraduate medical education: a Canadian cross-sectional mixed-methods study. BMC Med Educ 22, 815 (2022). <https://doi.org/10.1186/s12909-022-03896-5>.