TEACHING TIP OF THE MONTH

Theme: Teaching with Artificial Intelligence (AI)

Tip 1: **Brainstorm and Generate Ideas**

Artificial Intelligence tools such as Chat GPT can be used effectively and creatively in teaching and learning. One idea is to use it to brainstorm ideas for a project, assignment, or lesson. For example, you can enter a summary of something you are writing and ask it to suggest a few titles, or you can explain a topic you would like to explore and ask for ideas on how to approach the topic. Instructors can enter information about an upcoming unit and ask for activity or lesson plan ideas to engage students in the topic and suggestions for questions to assess student learning on the topic. In each example, the tool is used as a collaborative partner to get ideas flowing before starting an assignment or task. You can also talk to students in advance about how to use the tool for these tasks responsibly, ethically, and in line with the College's Academic Honesty policy.

Tip 2: Use Chatting as a Learning Process.

The keyword in Chat GPT is chat! While it might be tempting to accept the tool's responses without question, users should instead engage in a conversation with it by asking follow-up questions, probing for clarity, and offering additional ideas for the tool to consider. This process of engagement invites critical thinking and promotes deeper learning versus passive acceptance of the first response generated. As a follow-up to the chat process, consider one or more of the following:

- Save and annotate the conversation thread, noting anything questionable, interesting, useful, etc.
- Write or record a reflection that highlights the experience with using the tool, what was learned, and what was lacking in the process.
- Use the regenerate response button to elicit a new response to a question and then compare the two, evaluating which is better or more useful.

Note: Since AI tools do not guarantee the accuracy, always verify the information from other sources and use the feedback function to comment on what was inaccurate, useful, confusing, etc.

For more information on the use of AI in the classroom, check out resources on The Hub and see the Writing in the Disciplines resource, Faculty Concerns About AI-Sourced Student Writing.

More Info on Teaching Tips
"Teaching Tips of the Month" began as a project of the Program for Active Learning in STEM (PALS) andTeaching to Increase Diversity and Equity in STEM (TIDES) grants. Many thanks to Ray Gonzales and Alla Webb, who served as Principal Investigators of the TIDES grants. You canview archived Teaching Tips of the Month on The Hub. We welcome feedback and invite you to submit ideas for this publication to Angela Lanier, angela.lanier@montgomerycollege.edu
March 2023