

RESEARCH SYMPOSIUM

Implementing Video and Visual Tools for Improved Oral Communication

Panelists:

- Rachelle L. Beckner, Lecturer, Department of Civil Engineering
- Ellen Breazel, Principal Lecturer, School of Mathematical and Statistical Sciences
- Lillie Langlois, Lecturer, Department of Forestry and Environmental Conservation
- Mary Nestor, Senior Lecturer, Department of English

This engaging panel features presentations from four teaching faculty, each from different colleges and disciplines, but all focused on methods of improving pedagogy and course design, especially in the Digital Age. Panel members have been involved in a yearlong Faculty Learning Community focused on exploring new methods and technologies to enhance student engagement. The focus will be on the innovative use of digital video and visual tools to enhance oral communication assignments and boost student engagement.

In today's age where students can rely on AI to generate text, instructors are challenged not only to protect course objectives and assessment but also to leverage AI's potential. Whether you teach in-person or online, this session will equip participants with strategies to use AI and digital resources efficiently, aiming to improve student outcomes, foster peer interaction, and deepen engagement with the course material.

The panelists will share experiences, demonstrations, and examples using a variety of technologies. Dr. Breazel will share tools specific to the field of data science and statistics education. Ms. Beckner will share how she integrated PitchVantage, an AI public speaking software, into the civil engineering curriculum for over 300 students, offering personalized feedback and ample practice. Dr. Langlois will discuss project-based assessment using video exams where students share what they have learned following an outline and hone their oral communication skills. Dr. Nestor will demonstrate Kaltura's integrations with Canvas, including incorporation of oral communication and more genuine peer interactions in discussion boards. Panel will follow with a Q&A session.