



Teaching and Learning Symposium 2024

Collaborative Notes Document

Thank you for contributing to our collective notes for the Teaching and Learning Symposium 2024! In the space below, please record your notes, questions, resource suggestions, and takeaways for each session.

Keynote Presentation

Session Title	Innovating on Evidence-Based Principles and Pedagogy
Presenter	Marsha Lovett, PhD Carnegie Mellon University
Time	9:30am - 11:00am
Resources	PowerPoint Slides

Notes/Takeaways from this Session

Last year I learned at this event to provide skeletal notes for each lecture. I started doing that, and the students use them regularly. Using a QR code would be fantastic! The students would not have to print the note form.

Practice and feedback is a cycle with continued improvement based on feedback.

Principle #6 goal directed practice-targeted feedback

Deliberate practice includes focusing on a specific goal.

How do we make practice more goal directed?

Focused on specific goals throughout the process. Appropriately challenging and targets areas for improvement.

5-second pause rule: can be innovative to encourage students to form an answer

Innovations are not always effective, but they hold promise especially when you use research-based principles and data (different kinds) to inspire the ideas and improve the innovation.

Using prompts during think pair share to guide students in how you want the assignment to go

Reverse think pair share to pair share think

SWOT analysis the class at the end of the semester

Key Terms

Innovation: new, improve, solving an existing problem, inclusive, effective, technology-based, change, make existing tasks better/possible

Questions for Presenters

Relevant Resources

Breakout Session 1

Session Title	Journey to Javits
Presenter	Rose Tirotta-Esposito, EdD
Time	11:10am - 12:00pm
Resources	

Notes/Takeaways from this Session

Assessment Amy

CATs classroom assessment techniques

Low stakes, participation based, uses in formative assessment to evaluate if students are engaged.

What is this an example of? Good evaluative question.

Use a jam board to categorize and have then write their own examples

Authentic assessment is

Key Terms

Questions for Presenters

Relevant Resources

Session Title	Embracing Generative AI in Assignments: The Role of a Junk Generator
Presenter	Matthew Reuter, PhD
Time	11:10am - 12:00pm
Resources	https://www.washingtonpost.com/technology/2023/08/14/prove-false-positive-ai-detection-turnitin-gptzero/

	https://www.tylervigen.com/spurious-correlations
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Notes/Takeaways from this Session

Key Terms

Questions for Presenters

Relevant Resources

Session Title	Reimagining Assessment: Innovative Methods to Facilitate and Measure Student Learning
Presenter	Amie Vedral Cohen, PhD
Time	11:10am - 12:00pm
Resources	• <i>Classroom Assessment Techniques: A Handbook for College Teachers</i>, 2nd edition, by Thomas A. Angelo and K. Patricia Cross (Jossey-Bass, 1993) • Authentic Assessment Toolbox: https://jonfmueller.com/toolbox/ • CELT's Inclusive Pedagogy resources • CELT's Generative AI resources • Upgrading. An FAQ. Jesse Stommel • What is Ungrading?, Amy Kenyon • What is Specifications Grading?, Michelle Larson • What is Specifications Grading and Why Should You Consider Using It?, Macy Hall • Using Contract Grading to Ease Student Anxiety about Grades, Jennifer Fronc • Contract Grading, Generative AI, and the Quest for Authentic Assessment, Lucy Appert

Notes/Takeaways from this Session

Authentic assessments are real world application and include reflection

Debate a topic - genetic mapping

Create a business plan and pitch it

Create a public health program addressing a disability related topic. Social media campaigns

Inclusive assessment practices

Assignments are clear and easily accessible

Flexible format - Allow students demonstrate knowledge in various formats

Feedback loops foster students reading feedback and incorporating it into next iteration

Use an earlier deadline for students who want feedback to incorporate.

Have students give feedback on rubrics to improve them for the next year. Or midterm evaluations to check in on students

Use generative AI to come up with a title for their IRB. Also critique AI and ask for feedback to improve assignments- use copilot.

Key Terms

Bloom's taxonomy

CAT: classroom Assessment Techniques :

1.Polls 2. Roleplays/simulation 3.Authentic Assessment(connect to real world): scientific debate, website development, meeting officials pitch.

4. flexible formats: videos, not writing

Questions for Presenters

Relevant Resources

Session Title	Using Simulation to Promote Career Development in Undergraduate and Graduate Students
Presenter	Kathleen M. Gambino, EdD, RN Santina Abbate PhD, MPA, MS, RN, NE-BC
Time	11:10am - 12:00pm
Resources	

Notes/Takeaways from this Session

Key Terms

Questions for Presenters

Relevant Resources

Session Title	Inclusive Teaching and Accessibility of Images in Course Content
Presenter	Glenn Dausch Jenny Zhang
Time	11:10am - 12:00pm
Resources	

Notes/Takeaways from this Session

Play with AI prompts to find a balance in the information used to describe images

Key Terms

Questions for Presenters: 1. Have you asked students who use this technology for their feedback? 2. Have faculty seen an increase in student performance because of this inclusive practice?

Relevant Resources

Breakout Session 2

Session Title	AI in Education: An Innovative Approach to Teaching and Learning
Presenter	Stacey Frawley. EdD, APRN-BC, ANP
Time	1:45pm - 2:35pm
Resources	

Notes/Takeaways from this Session

Key Terms

Flip, Kahoot,

Questions for Presenters

Relevant Resources

Session Title	Gamifying Statistics for Health Sciences
Presenter	Daniel Lee, PhD, PT, DPT
Time	1:45pm - 2:35pm
Resources	 For the presentation

Notes/Takeaways from this Session

Key Terms

Questions for Presenters

Relevant Resources

Session Title	Design Your Pedagogy: Design Thinking Principles for Educators
Presenter	Tara Truha, MA Jessica Roman, MA
Time	1:45pm - 2:35pm
Resources	Presentation Slides

Notes/Takeaways from this Session

Business thinking

Design thinking mindset

Reframing

Mindfulness process

Key Terms

Questions for Presenters

Relevant Resources

Session Title	Immersive Education: VR Teaching Tools Showcase
Presenter	Yiren Kong, PhD Jenny Zhang, MBA, MS
Time	1:45pm - 2:35pm
Resources	

Notes/Takeaways from this Session

Key Terms

Questions for Presenters

Relevant Resources

Session Title	Innovating with Purpose
Presenter	Radha Ganesan, PhD Elizabeth Bojsza, MFA
Time	1:45pm - 2:35pm
Resources	Link to handout:  Innovative Pedagogy Design Framework Resources

Notes/Takeaways from this Session

Design framework:

- *CASTING NETS* (how we know if we need change, and what change)
 - Include teaching philosophy, reflection, connecting with other educators about teaching, reading and participating in teaching development events.
 - Consider learner performance and feedback (informal before the course; mid semester feedback forms, course evaluations)
 - <https://www.stonybrook.edu/celt/teaching-resources/academic-assessment/course-evaluations.php> (boosting response rates)
- Analyzing what you catch
 - Group feedback/data by theme
 - What is the feedback saying/is change needed?
- Prescribing Change
 - Update outcomes
 - Revise ways in which outcomes are achieved/measured
 - Find innovations others are doing OR create your own
 - Example innovation: List of readings - student must read all abstracts - choose 3 that they read the entire article.

Key Terms

Questions for Presenters

Relevant Resources

Breakout Session 3

Session Title	Innovating Teaching by Using AI: Interventions, Outcomes, and Reflections
Presenter	Shyam Sharma, PhD
Time	2:45pm- 3:35pm
Resources	

Notes/Takeaways from this Session

Develop your own principles and policies based on your discipline, course, level, etc. Here are principles guiding my course policy: Learn to use it; use it to learn. Cite and reveal how you used it. Don't use anything that is beyond your ability to judge adequately or in any way that hurts your learning.

Tip: Tell chatgpt who you are in your profile, and that you are critical of its output – see how it responds.

Tip: Expose students to both the potentials and pitfalls of any new tool, as that can foster their own agency for effective (rather than counterproductive) use of it.

Questions for Presenters

Relevant Resources: [use/adapt what you like](#)

Session Title	Hands-on Engineering Design Using Robotics
Presenter	Anurag Purwar, PhD
Time	2:45pm- 3:35pm
Resources	

Notes/Takeaways from this Session

Key Terms

Questions for Presenters

Relevant Resources

Session Title	Designing Engaging Hybrid and Online Courses with Quality Standards
Presenter	Kristin Hall, PhD
Time	2:45pm- 3:35pm
Resources	Presentation Slides

Notes/Takeaways from this Session

Key Terms

Questions for Presenters

Relevant Resources

Session Title	A Deconstructed Approach to Simulation Medicine
Presenter	Sahar Ahmad, MD
Time	2:45pm- 3:35pm
Resources	

Notes/Takeaways from this Session

Key Terms

Questions for Presenters

Relevant Resources

Session Title	Start Small: Straightforward Practices for Inclusive Student Engagement
Presenter	Kimberly Bell, PhD Luis Colon
Time	2:45pm- 3:35pm
Resources	<u>Presentation Slides</u>

Notes/Takeaways from this Session

Key Terms

Questions for Presenters

Relevant Resources