

Agenda: What we plan to discuss

1 p.m.

Welcome by John Harford, Director of Educational Technology & Media

Keynote by Scott Strobel, Henry Ford II Professor of Molecular Biophysics & Biochemistry, Deputy Provost for Teaching & Learning

1:15 p.m.

Managing the classroom for engagement:

Jonathan Parr, Lecturer in Chemistry
Polling in high enrollment courses

James Glenn, Lecturer in Computer Science
Illustrating concepts in large lecture halls

1:40 p.m.

Engaging students across geographical boundaries:

David Charles, Howard H. Newman Prof. of Philosophy & Prof. of Classics
Teaching across institutions

Stefan Simon, Director of Global Cultural Heritage Initiatives
Learning from guest lecturers across the globe

2 p.m.

Increasing student engagement with feedback and assessment tools:

Aoi Saito, Senior Lecturer in East Asian Languages and Literatures
Cross-cultural language learning with online video assignments

Brett C. Smith, Lecturer in Mathematics
Learning through instruction via video assignments and canvas discussion boards

Vidvuds Ozolins, Tom Steyer & Kat Taylor Prof. of Clean Energy Solutions
Using online pre-quizzing to reinforce lecture content

2:25 p.m.

Closing remarks by Jennifer Frederick, Executive Director of the CTL, followed by a reception

What the research says

It's not about seat time: Blending, flipping, and efficiency in active learning classrooms

by Paul Baepler, J.D. Walker, and Michelle Driessen

Online: <https://tinyurl.com/PaulBaepler-etal2014>

This study examines the effect of an active learning classroom compared with a traditional amphitheater.

Clickers in the Large Classroom: Current Research and Best-Practice Tips

by Jane E. Caldwell

Online: <https://tinyurl.com/Caldwell2007>

This article provides a set of guidelines and best practices developed by experienced users.

More Than Recall and Opinion: Using "Clickers" to Promote Complex Thinking

by Rifka Cook and Susanna Calkins

Online: <https://tinyurl.com/CookCalkins2013>

This study focuses on the use of classroom polling in an intermediate college-level Spanish Class.

What College Instructors Can Do About Student Cyber-slacking

by Abraham E. Flanigan and Kenneth A. Kiewra

Online: <https://tinyurl.com/FlaniganKiewra2018>

This article provides strategies to avoid device distraction, including how to incorporate active learning exercises and use devices as teaching tools.

Retrieval Practice Produces More Learning than Elaborative Studying with Concept Mapping

by Jeffrey D. Karpicke and Janell R. Blunt

Online: <https://tinyurl.com/KarpickeBlunt2011>

This article focuses on advantages of retrieval practice in scientific conceptual learning.

Structure Matters: Twenty-One Teaching Strategies to Promote Student Engagement and Cultivate Classroom Equity

by Kimberly D. Tanner

Online: <https://tinyurl.com/KimberlyTanner2013>

This article discusses teaching strategies, including think-pair-share, small group work, cultural inclusivity, and assessment evidence collection.