## **MS Teams Overview**





#### After the session



Let us know if you can hear us when we do **Audio checks** 



Please leave your microphones off



Complete Feedback
Survey



Turn on live captions for closed captioning (see screenshot)

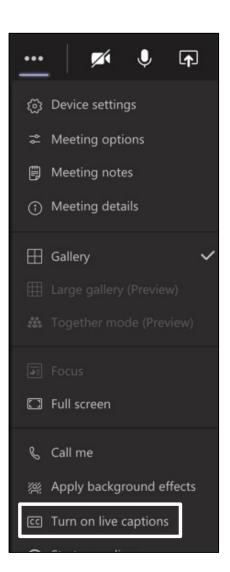


Type questions and comments into the **Chat** 



Please note we will be recording this session







April 4, 2022 **Opportunities and Challenges in Promoting Active Learning Online and In-Person**Laura Dempster

Karen Smith





#### **About Us:**

#### LAURA DEMPSTER

- Associate Professor
  - Faculty of Dentistry
  - ACUE Cohort, 2020-2021



#### **KAREN SMITH**

- Assistant Professor, Teaching Stream
  - Department of Physical and Environmental Sciences, UTSC
  - ACUE Cohort, 2019-2020





# Opportunities and Challenges in Promoting Active Learning







**TIPS** 



**EXAMPLES** 



**EXPERIENCE** 



START STRONG: ENGAGEMENT TRIGGER

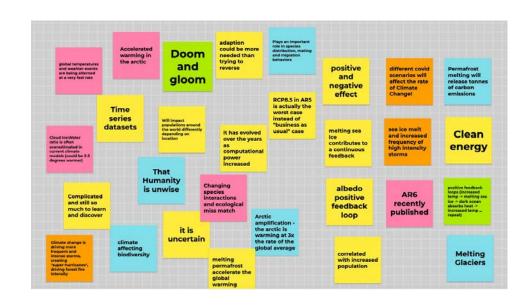
- Begin each class with an engagement trigger:
  - Open with a Question
  - Interactive Review
  - Activate Prior Knowledge
- Begin as you intend to go on:
  - Prime students for active learning



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#### What did we do? Post-it Parade!



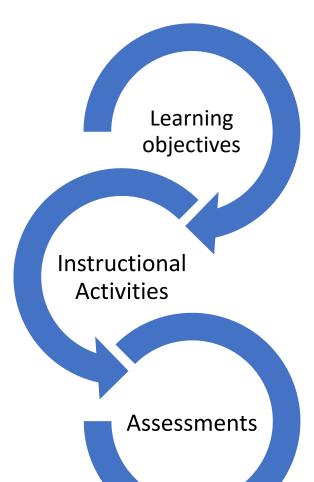
Day 1, Fall 2021, EES1133



## What we do ...



## Effective teaching



## Active Learning Activities: Benefits

Helps promote higher order thinking skills ...

such as application of knowledge, analysis, and synthesis



Engages students in deep rather surface learning ...

and enables students to apply and transfer knowledge better

Types of Active Learning

Communicating thoughts/ideas

Written expression

Reflection

Giving, receiving feedback

## Factors Influencing Student Engagement

- Educator/student relationship
- Involvement in learning activities
- Educational experience
- Level of academic challenge
- Supporting environment



Promoting
Active
Learning and
Student
Engagement

Set clear expectations

Frequent discussion opportunities

Student input

Hands on activities

Student choices

#### EFFECTIVE CLASS SESSIONS: MINI LECTURES + ACTIVE LEARNING TECHNIQUES

- Segment your class into mini lectures using active learning techniques
- Mini lectures should be no more than ~10 minutes!

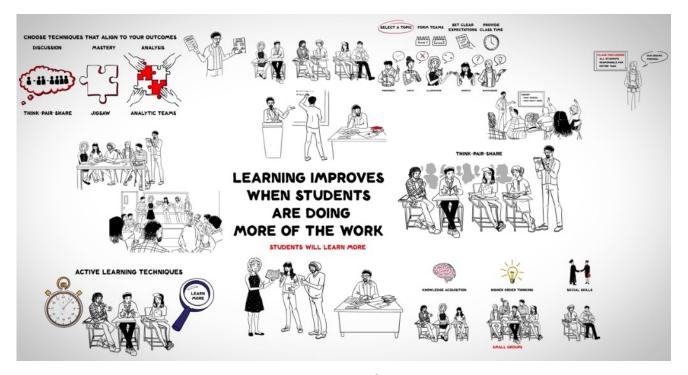


Image Credit: ACUE

STUDENT EXPERTS: JIGSAW

• This strategy involve students becoming "experts" on one aspect of a topic, then sharing their expertise with others in the class.



CTSI, Jigsaw: <a href="https://teaching.uwo.ca/teaching/learning/active-learning.html#:~:text=This%20strategy%20involves,about%20the%20topic">https://teaching.uwo.ca/teaching/learning/active-learning.html#:~:text=This%20strategy%20involves,about%20the%20topic</a>

STUDENT EXPERTS: JIGSAW

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#### **In-Person:**

Student groups give powerpoint presentations with 2-3 slides on their topic to the rest of the class

#### **Online:**

Student groups
work collaboratively
in break-out groups
on a shared
document and
present to the rest
of the class

CTSI, Jigsaw: <a href="https://teaching.uwo.ca/teaching/learning/active-learning.html#:~:text=This%20strategy%20involves,about%20the%20topic">https://teaching.uwo.ca/teaching/learning/active-learning.html#:~:text=This%20strategy%20involves,about%20the%20topic</a>

#### STUDENT EXPERTS: FLIPPED CLASSROOM

• A pedagogical approach where lecture and assignment components are reversed or "flipped". Students work through short videos, readings, etc., asynchronously, while handson, active learning activities are done synchronously.

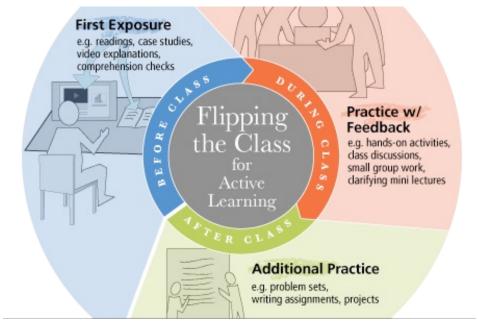


Image Credit: Eberly Center, Carnegie Mellon University

CTSI, Flipped Classroom: <a href="https://teaching.uwo.ca/teaching/learning/active-learning.html#:~">https://teaching.uwo.ca/teaching/learning/active-learning.html#:~":text=This%20strategy%20requires,with%20the%20material</a>

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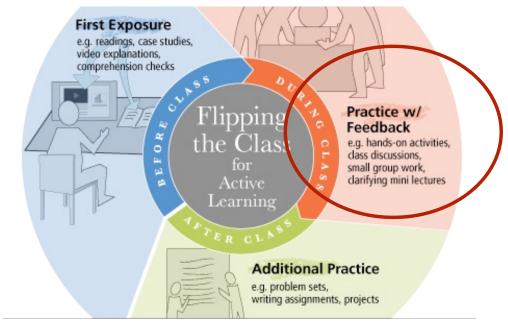


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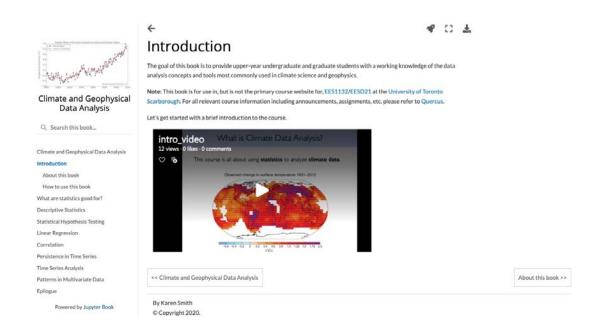
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## CLIMATE & GEOPHYSICAL DATA ANALYSIS

- Grad course UTSC MEnvSc program
- ~ 20 students
- Online course materials
- Synchronous small group collaborative problem-solving

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#### **EXPERIENTIAL LEARNING:**

#### **DEN202Y Communication Skills**

- Students play the role of the dentist with a simulated patient
- Assessment of student's communication skills
- Student dentist self evaluates communication
- Peer observer provide verbal feedback to student/dentist
- Written reflection on strengths and areas needing improvement

#### **GROUP WORK:**

#### **DEN308Y Behavioural Science**

- Students participate in breakout groups
- Case scenarios related to session topic provided for discussion
- Group facilitator reports on discussion at large group debrief

#### **USE OF CHAT FUNCTION:**

#### **DEN308Y Behavioural Science**

- Students engage in discussion with presenter either using chat or unmuting microphone
- Session content directly related to clinical care

#### TICKET OUT THE DOOR:

#### **Students comment on:**

- What they learned
- What was most relevant
- Anything missing or that students would like more information about

## Learn More About ACUE and if it's the right PD for you!

#### COURSE IN EFFECTIVE TEACHING PRACTICES (ETP)

- 9-month online course
- **25 self-paced online modules** (each module takes up to 3 hours to complete and involves both application and reflection)
- Learn a range of practices that can be applied in teaching both in-person and online courses
- **Cohort based -** meet at key points in the year with facilitators and colleagues to discuss their experiences implementing strategies and approaches learned through the modules in their own classrooms.
- **Optional supports** available to further cohort connections and course goals (e.g., Coffee Chats, Course Mentors, module work sprints).



**Questions?**