Teaching in Virtual Environments

APRU Global Health Program at the University of Southern California

in collaboration with

Global STEM Education Program at the University of Oregon

November 12/13

Technology for Remote Teaching

Eleanor Vandegrift, University of Oregon

Julie Clarke, University of Melbourne

December 3/4

Equity and Access in Remote Teaching

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Michael Antonio Mendoza, University of the Philippines Manila

January 21/22

Authentic Online Assessment

Mona Monfared, University of California, Davis

Fung Fun Man, National University of Singapore

USC Institute on Inequalities in Global Health

APRU Global Health

UNIVERSITY OF OREGON

More info or to register: apru.org/our-work/pacific-rim-challenges/global-health

Welcome and Introduction

Mellissa Withers, University of Southern California

Goals for today:

1. Provide pedagogical, technology, and peer support to faculty across the APRU network teaching remotely.
2. Create opportunities for APRU affiliated faculty to connect and share resources and experiences with building community in remote learning environments.

Format

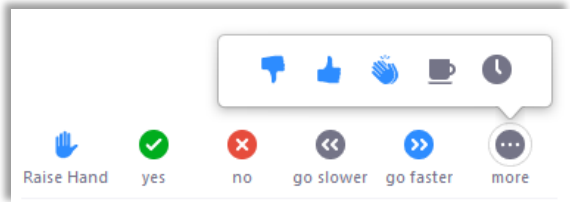
20-30 MINUTES EXPERT PANEL

30 MINUTES SMALL GROUP DISCUSSION

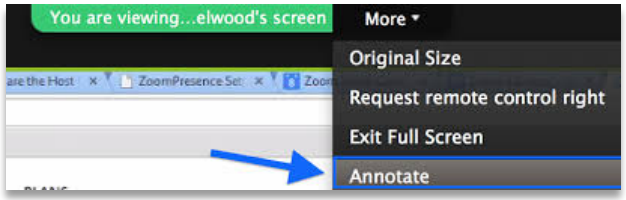
30 LARGE GROUP DISCUSSION

Interactions

Handraising and Feedback

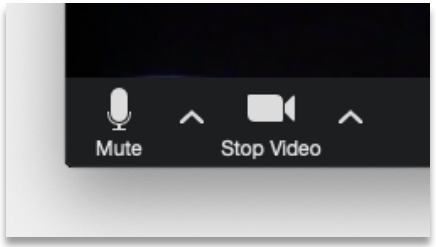


Text on slide

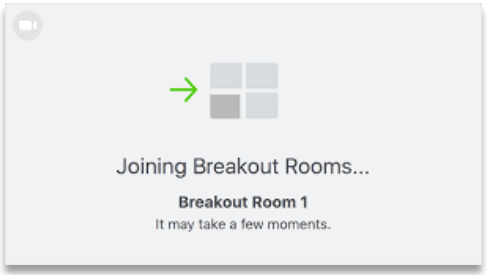


Writing

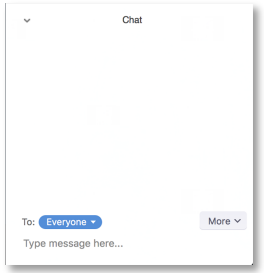
Video and Audio



Breakout Rooms

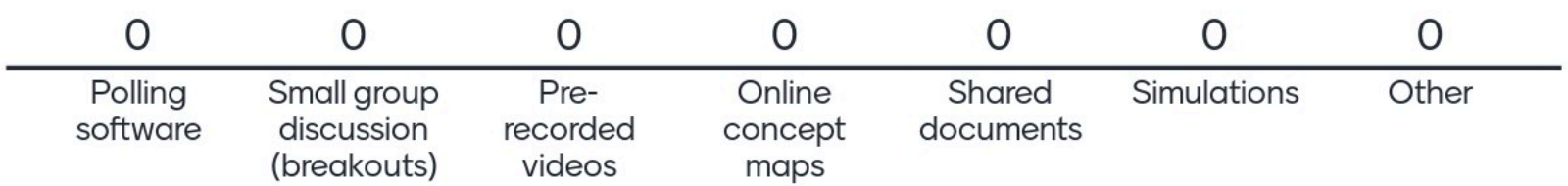


Chat



Which of the following technologies do you use to support student learning?

Mentimeter



Why do you use technology to support student learning?

Mentimeter

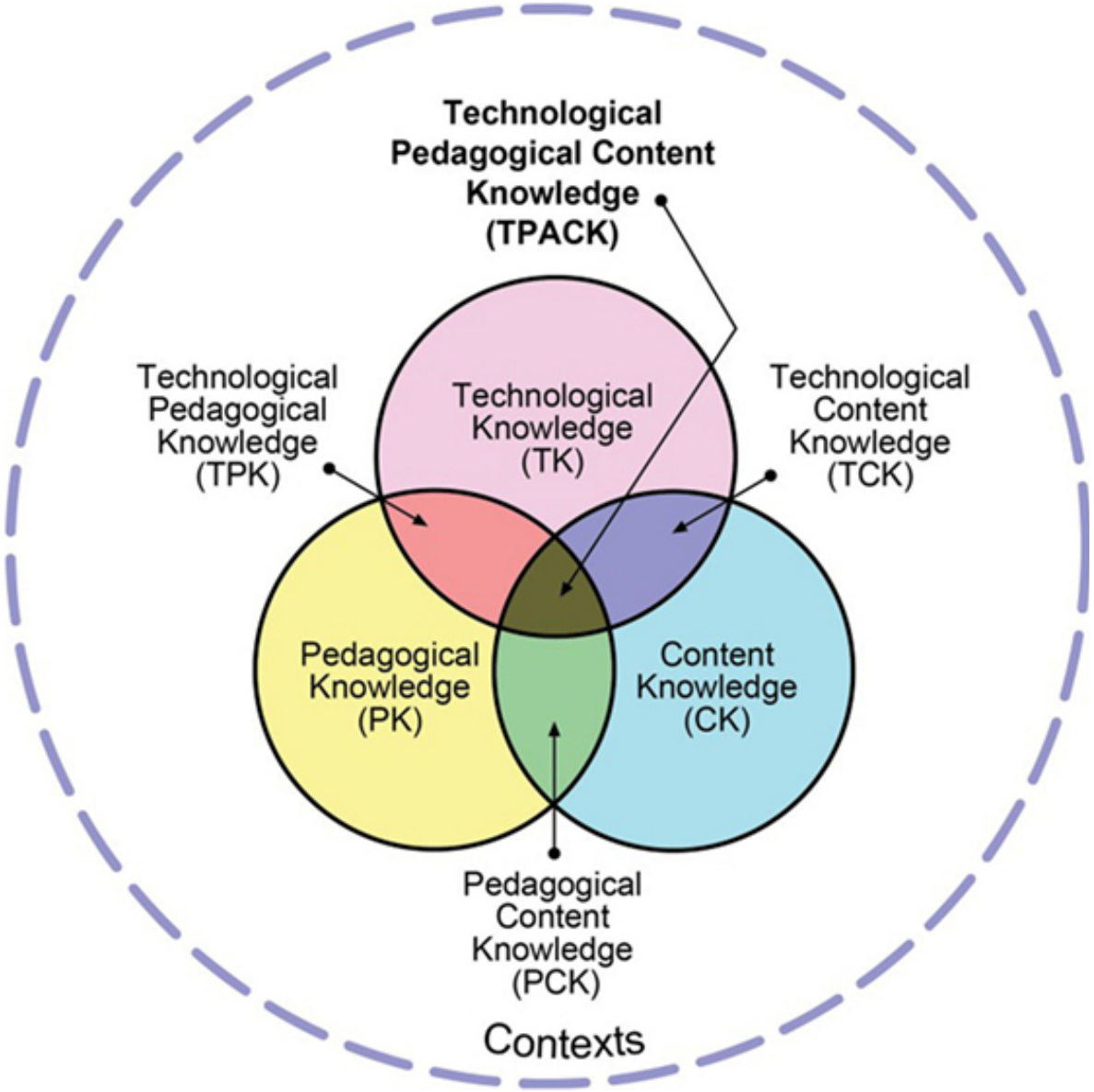
Technology for online learning framework and example

Elly Vandegrift, University of Oregon

Factors for effective online instruction

- communication skills
- technological competence
- provide informative feedback
- administrative skills
- responsiveness
- monitoring learning
- providing student support

Roddy, C., Amiet, D. L., Chung, J., Holt, C., Shaw, L., McKenzie, S., ... & Mundy, M. E. (2017, November). Applying best practice online learning, teaching, and support to intensive online environments: An integrative review. In *Frontiers in Education* (Vol. 2, p. 59). Frontiers.



Mishra, P., and Koehler, M. (2006). Technological pedagogical content knowledge: a framework for teacher knowledge. *Teach. Coll. Rec.* 108, 1017–1054. doi:10.1111/j.1467-9620.2006.00684.x

How to decide what technology to use?

Start with….
What are my goals?

Example Fall 2020

Technologies

1. LMS (Canvas) Weekly pre- and post-work
    1. Surveys
    2. Discussion board
2. Collaborative documents
3. Polling software
4. Breakout rooms
5. Chat
6. Video announcements

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Technology for remote teaching

Staff and student perspectives

Julie Clarke

University of Melbourne

Key questions

- What outcomes are we seeking?
- What technologies are available that help us to achieve those outcomes?
- How do we integrate technologies to create an effective online course?

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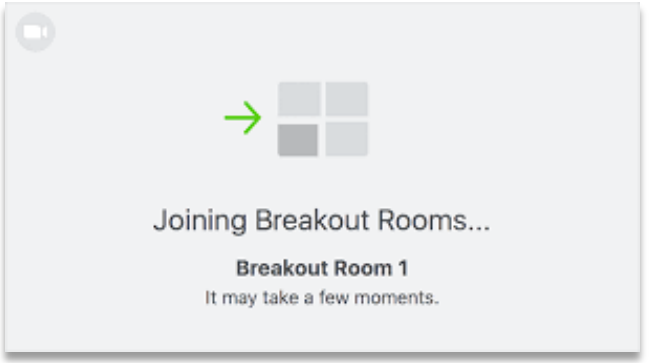
Experience

- Plan and design for online
- Clear outline and structure
- Regular, predictable, communication
- Appropriate mix of passive and active learning activities with *clear* instructions (what, why, how)

Technologies

- Written content (LMS)
- Pre-recorded video
  - Echo/Zoom/PowerPoint etc
- Discussion boards (LMS)
- Interactive activities
  - Padlet/Google Docs/H5P/LMS/Poll everywhere/quizzes
- Synchronous activities
  - Zoom/chat/breakout

Breakout Rooms (30 min)



Introductions (30 seconds per person):

Name, Institution, Discipline, last Podcast, TV Show, movie, book

Select a reporter, recorder, time keeper, discussion leader.

Type answers into Google slides to record answers (use slide number that matches your breakout group number).

Questions:

1. How have you **successfully integrated** technology to support student learning?

2. What are some **challenges** you have encountered?

3. Discuss **possible solutions** to the challenges discussed in your breakout room.

Report out group discussion (+ #chat)

Questions:

1. How have you **successfully integrated** technology to support student learning?

2. What are some **challenges** you have encountered?

3. Discuss **possible solutions** to the challenges discussed in your breakout room.

Which of the ideas from the discussion today would you like to try in your teaching?
(Chat)

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