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Zoom in the Active Learning Classroom

Untether the Learning

Presented by

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INNOVATION FOR A HEALTHIER PLANET

3 Campuses:
Biddeford, ME
Portland, ME
Tangier, Morocco

5 colleges:
Arts and Sciences
Dental Medicine
Health Professions
Osteopathic Medicine
Professional Studies (Online)

Fully matriculated:
2300 Undergraduates
3050 Graduates

University of New England

Objectives

- Implement active learning in a blendsync classroom
- Enhance a single display classroom for groups
- Connect multiple devices to one video conference (Zoom) session
- Explain methods for simultaneous interaction with remote and F2F students
- Describe lessons learned from teaching during covid

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The Terms

Blendsync: (Parallel/Blended-Synchronous) Bringing together in-person and geographically dispersed students and engaging them in media-rich synchronous collaborative learning experiences while maintaining a normal face-to-face classroom schedule. (https://blendsync.org/)

HyFlex: (Flex/Hybrid-Flexible) HyFlex courses are class sessions that allow students to choose whether to attend classes face-to-face or online, synchronously or asynchronously. Hyflex courses are simultaneously taught fully online and fully face-to-face. (https://edtechbooks.org/-pAkt)

Zoom: Our video conference software of choice, but concept should work with others

iPad: Our tablet for connection, but if it connects to Zoom it should fly

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Quick Padlet Activity

- What do you hope to learn from this workshop?

https://padlet.com/kcarrigan4/xh9ubq32i57s963q

The Ask

- Faculty wanted to roam the classroom
- Room set up in groups, unrestricted by single/front display in room
- Record mini lectures (student comments if possible)
- Annotate materials when presenting
- Include remote students in discussions/groups

The Yeas and Nays

Yea	Nay
Rolling furniture	No cameras in most room systems
Extron display system support laptops	Mics: none or voice support only
Access to tech like iPads, Bluetooth earbuds and slide advancers	
University Zoom License and robust WiFi	

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Getting Started

- Set up Zoom meeting to include all students
- Tie laptop into system and mirror screens

*an additional webcam on computer will increase room view versatility
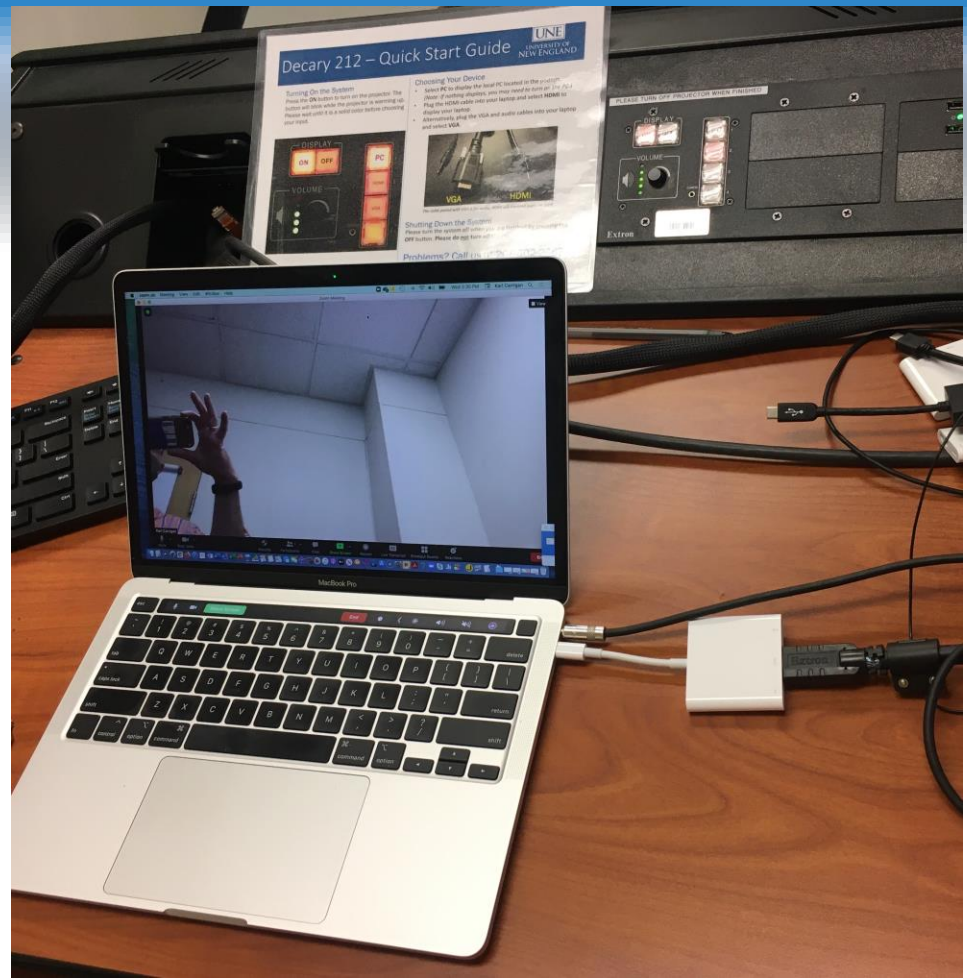
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Getting Started

- Start Zoom meeting and set up audio
  - Input – bluetooth mic, Jabra 710...
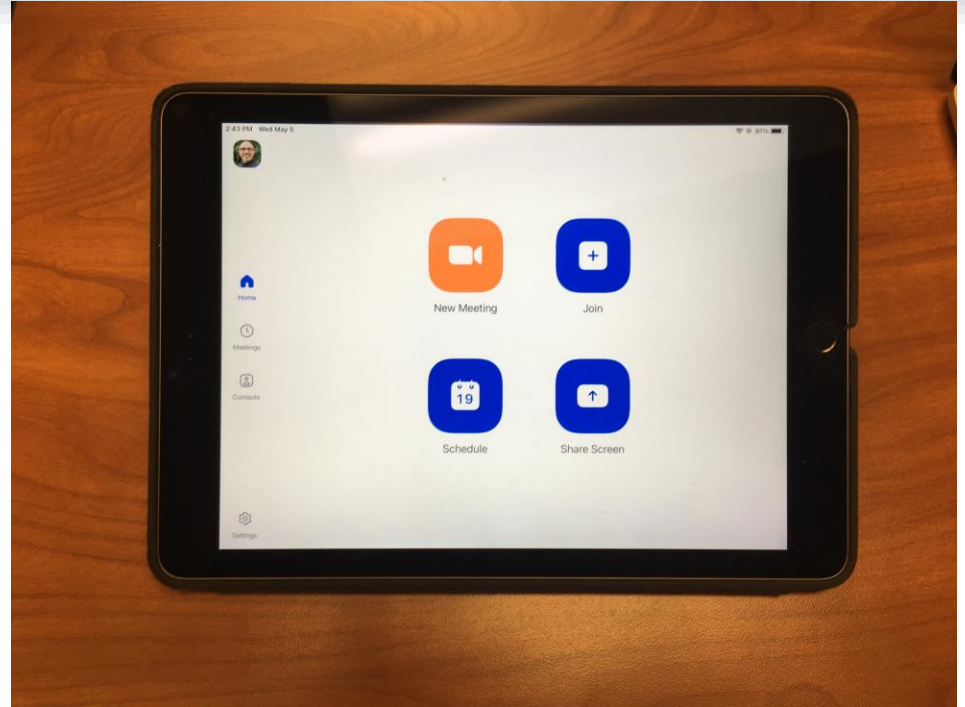 - Output room system - blue tooth for breakout rooms

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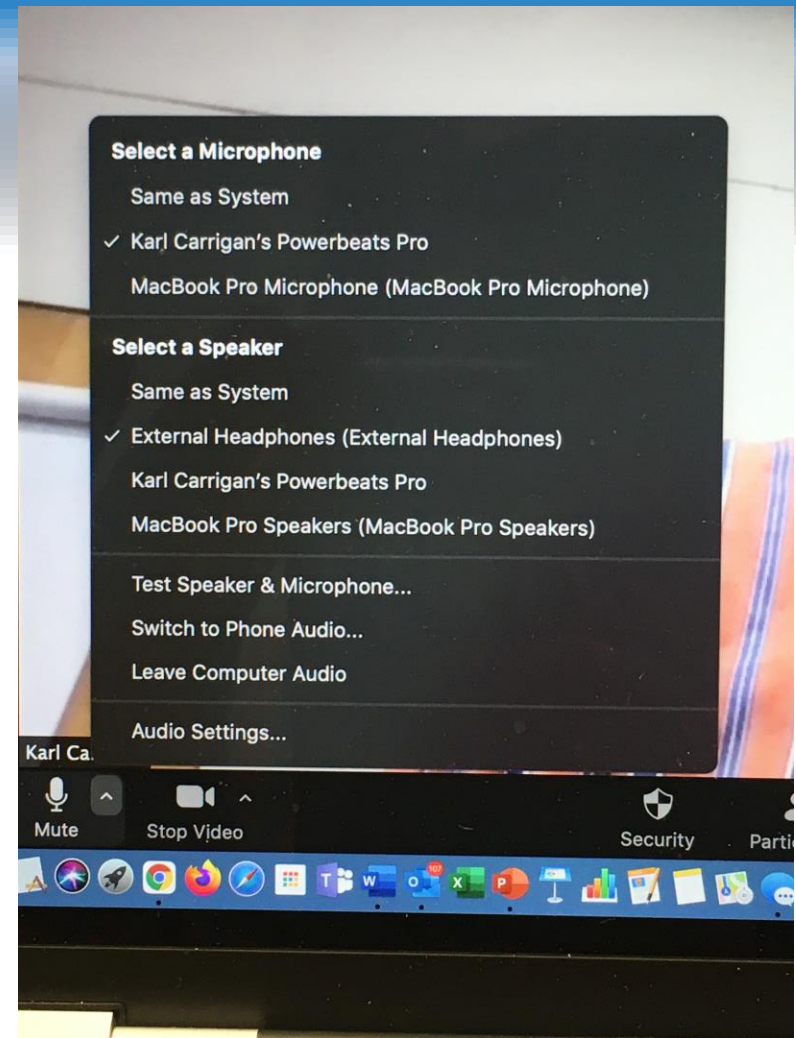
Getting Started:

Connect iPad to meeting via Zoom App (mute mic)

PowerPoint preloaded

Lock screen rotation

The iPad:

- Allows for movement around room
- Annotation visible to everyone
- iPad mic can be used if another not available
  - Mute room audio output on main computer
  - Audio out from iPad might be hard to hear in room from zoom students
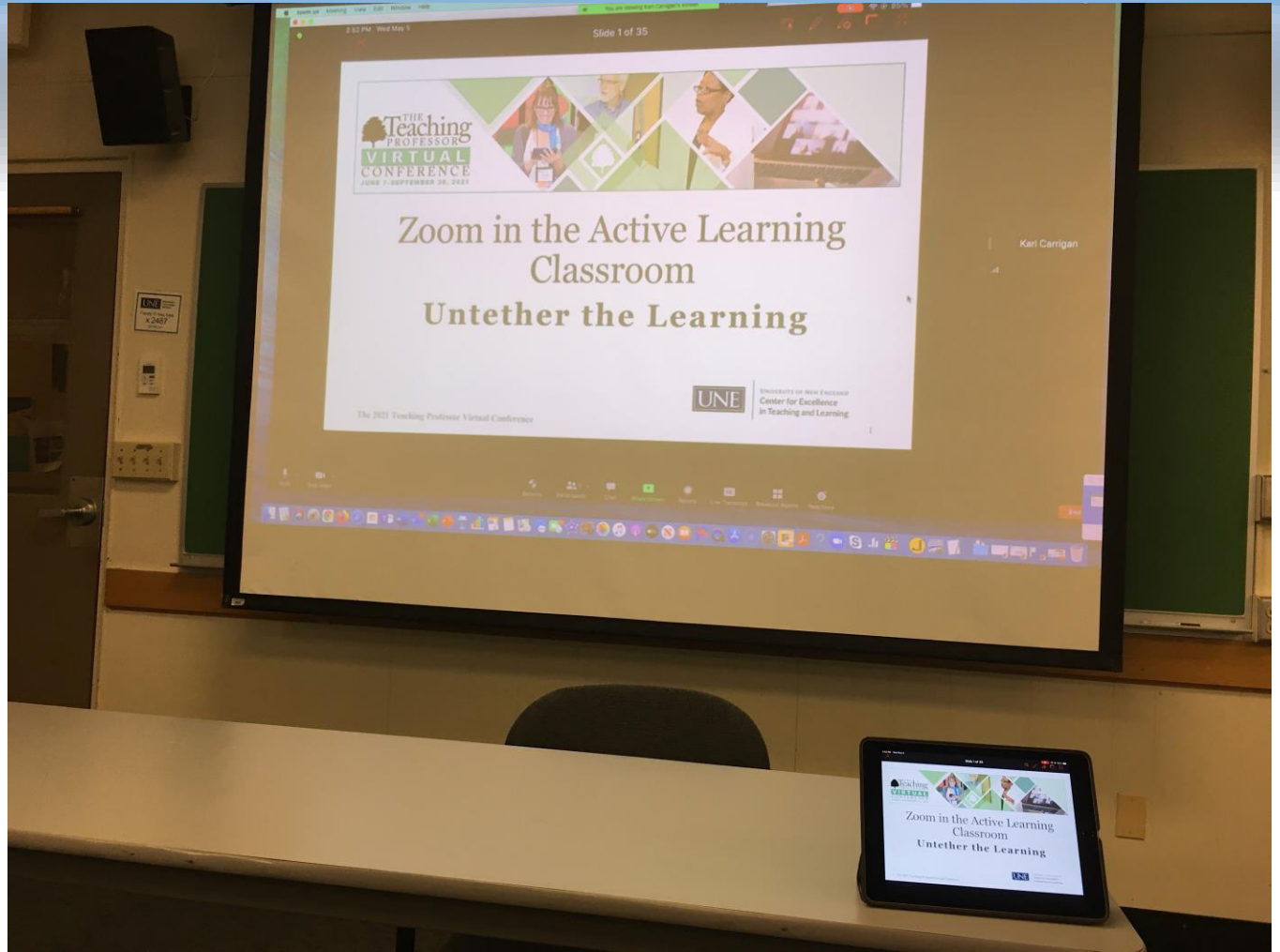
Screen shot of iPad Power Point Application

The
Room
View

The Zoom View

The Zoom View

Audio Input

- Computer mic: limited input range

- Blue Tooth earbud/lav mic: Great range and it travels with you and best for breakout rooms (Powerbeats Pro was are model)

The Audio Input

Yeti USB microphone

Jabra 710: wireless conference speaker

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Going Active

- Micro lectures with group work
- In class groups
  - In class as usual
  - Mixed remote and in class more challenging, using student mics
- Remote groups via desktop computer and ear bud (change your output settings to buds)

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Going Active

- Alternatives, Google Doc or Padlets, are a great tool for monitoring groups
- Use the meeting chat, Ready-set-go technique, questions and comments

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- Waterfall (ready –set-go)
- Name a technology and how you use it to facilitate active learning in a blended/hyflex classroom.

Audio in breakouts
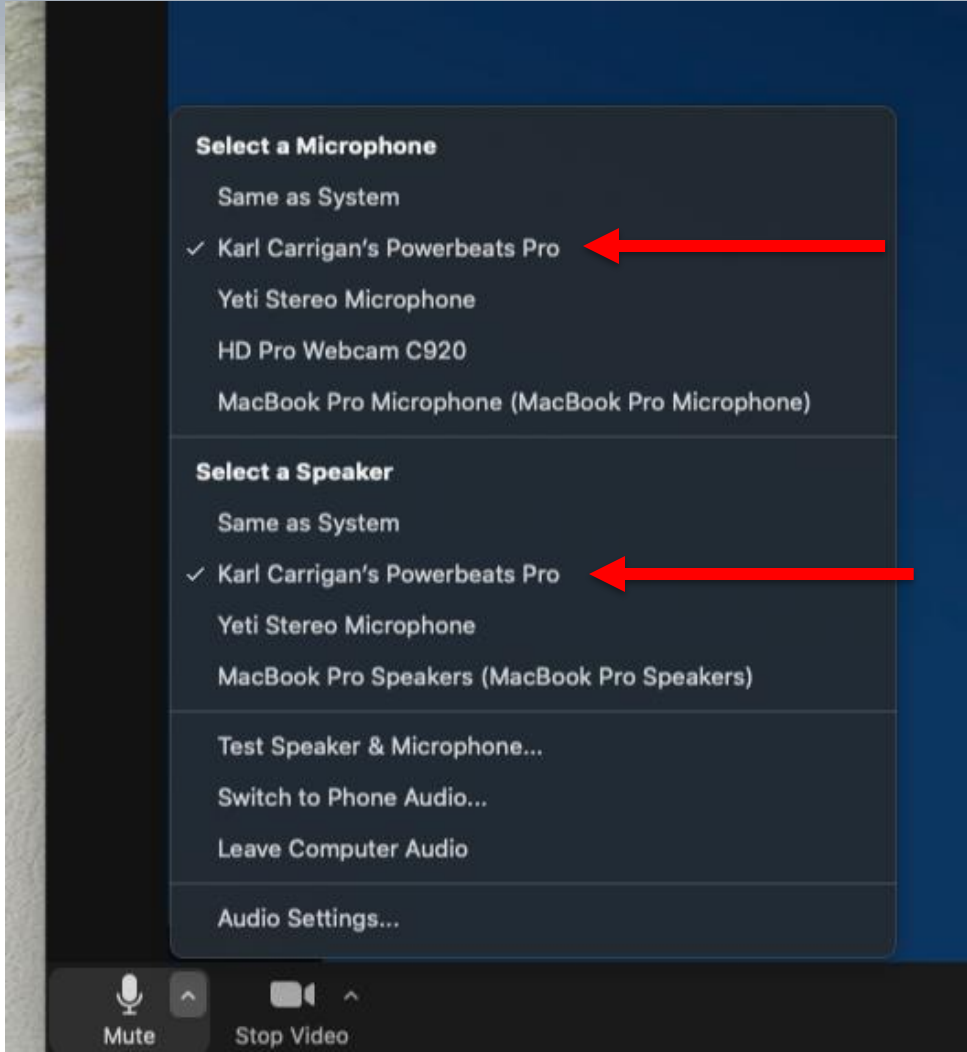
Lessons

- Mantra: ONLY ONE HOT MIC in space or breakout room
- Remember Zoom hot mic is camera view
- Keep micro-lectures short
- Purpose…engagement! Make activities count

Lessons

- Support with more online materials
- Tune the tech and process to your flow and priorities
- Don't bring in more than you need
- Plan on using class time to iron out the process
- Think about how your Zoomers and Roomers interact
- Check process as software and tools update

Questions?

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Feedback

- "The Jabra transmitted voices in the room which such clarity that zooming students felt as if they were in the room."

- One innovation that saved us on several occasions was the use of volunteer "Zoom Assistants."

- Ear bud with integrated microphone: I was able to use the headset for both recording higher quality sound lectures on Zoom but also during face-to-face classes to allow students to hear my voice more clearly when joining class remotely.

- Zoom on a mobile devise: Students zoomed into class – I had as many as 14 in quarantine at one time so this was very helpful. I had a student walk around the gym with me or follow the students who were peer teaching.

Feedback

- Have some fun and create a relaxed atmosphere. My classes are all heavily discussion based—to involve those on Zoom I would frequently ask, "So, what's the word from Zoomland?" or refer to my cohorts as the "Roomers" and the "Zoomers" and call out for input using those identifiers.

- "Ready, Set, Go" using the Chat function on Zoom is another way to get "Zoomers" to actively be involved in the discussion

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Questions

Contact
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