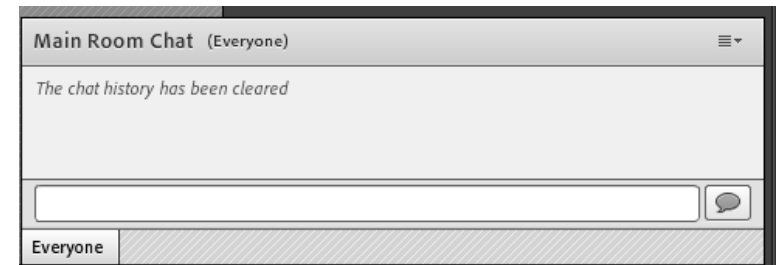
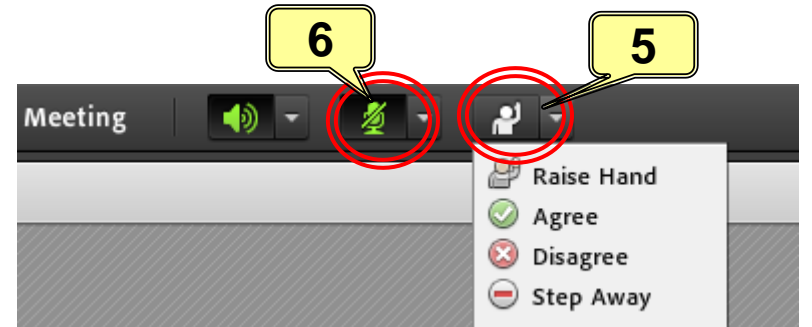
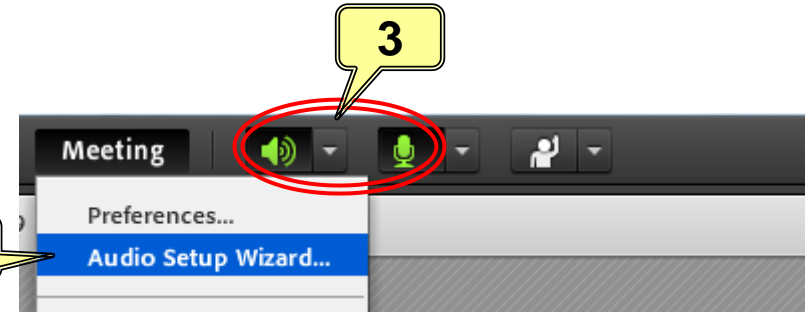


# Welcome! As you enter...

1. Plug in your headset (if available).
2. Enable your speakers and mic
3. The top bar icons should be green).
4. Run the audio setup wizard (use “Meeting” menu on top left).
5. “Raise your hand” by clicking the icon to let the hosts know you are ready to test your mic.
6. After testing your mic, mute yourself by clicking the mic icon
7. Feel free to use the chat at any time!



**Start Recording**

# Faculty Virtual Community of Practice

## Computer Science & Computer Engineering

### Session 5: Pedagogies of Engagement Part 2

#### Peer Instruction and Flipped Classroom

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# Today's Agenda

- Welcome and learning objectives ~ 10 minutes
- Formative Assessment Results
- Peer Instruction
- Flipped Classroom
- Next Week's Homework

# CSE VCP Review

- The goal is to introduce faculty to research-based instructional practices in order to make a few changes to their teaching this term and more systemic changes next term
- Session 1: Seven Principles of Learning
- Session 2: Learning Outcomes
- Session 3: Student's Prior Knowledge
- Session 4: Pedagogies of Engagement
- Session 5: PI and Flipped Classroom

# Poll Question

Did you read the assigned articles?

- I meant to but...
- Skimmed the material
- Read it closely

# Poll Question

Rate the value of the Clicker videos:

- Nothing new for me
- Some of it was new and reconfirmed my prior knowledge
- Helpful and interesting
- Fabulous!

# Formative Assessment

- Ask students for feedback during the term so that you are able to make adjustments if necessary
- Explain your interest in their honest and anonymous feedback
- After the feedback, explain what you learned and describe any changes you plan to make



# Your Feedback to Us

- We explained why we wanted your anonymous feedback
- It was a short survey (low barrier)
- 14 of 22 completed the survey (64%)
- 93% agree the VCP is meeting your expectations
- 93% agree the VCP is likely to have a positive effect on your teaching

# We Should Continue

- Breakout sessions (8)
- Reading assignments (5)
- Poll questions (2)
- Report Outs (2)
- Homework (1)

# We Should Stop

- Nothing (4)
- Slow starts due to sound checks (4)
- Changing homework assignment a day or two before it is due
- Changing tools used to complete homework
- Report outs after breakout sessions

# We Should Start

- Change breakout groups (3)
- Support asynchronous discussions and activities (2)
- Summarize breakout discussions
- Stop at 4:00 (as advertised)
- Provide individual feedback to homework
- Call on participants during 'lecture'
- Use more poll questions to guide discussion

# Poll Question

Breakout members should be changed up

- strongly disagree
- disagree
- neutral
- agree
- strongly agree

# Poll Question

We should stop breakout report outs

- strongly disagree
- disagree
- neutral
- agree
- strongly agree

# Poll Question

Have you used Peer Instruction before?

- No
- I used to but have since stopped
- A little
- Quite a bit

# Peer Instruction Resources

- [www.peerinstruction4cs.org](http://www.peerinstruction4cs.org)
- [www.cwsei.ubc.ca/resources/SEI\\_video.html](http://www.cwsei.ubc.ca/resources/SEI_video.html)
- [blog.peerinstruction.net](http://blog.peerinstruction.net)
- [tophat.com](http://tophat.com)
- [polleverywhere.com](http://polleverywhere.com)



# Polleverywhere.com

- Intro video
- Create my first poll

# Challenge

- Create 1 poll for Monday
- We dare you!

# Activity 1

- Explore [peerinstruction4cs.org](https://peerinstruction4cs.org)
  - Courses
  - Advice
  - Latest Research
- Did you find materials for your course?

# Report Outs

- All Discussion (~10 minutes)

# Poll Question

Have you used a Flipped Classroom before?

- No
- I used to but have since stopped
- A little
- Quite a bit

# Flipped Classroom

- Student Preparation
  - Textbook readings
  - Instructor videos
  - Youtube videos
  - Homework exercises
  - Others?

# Breakout Session

- Unmute your mics when you arrive
- Post a chat message along with your group number if you have technical problems
- Roles for today
  - Scribe (#2)
  - Reporter (#1)
  - Manager (#4 or #3)

# Breakout Activity

- Identify small group activities that can be performed in the classroom
- For example:  
    writing code



# Report Outs

# Summary

- Challenge: Create a poll for Monday and share your experiences with us on Tuesday

# Next Week: Session 6

- Managing Team Projects
  - Post homework to the portal **by noon on Monday Dec. 2**, and be prepared to discuss