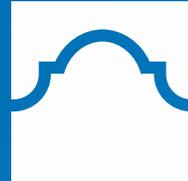


Keep Teaching

Zoom-Bombing Prevention Seminar



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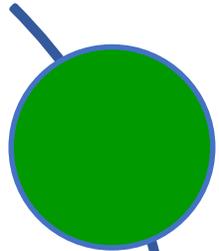


Malcolm Baldrige
National Quality Award

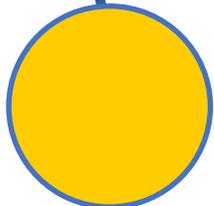
2018 Award Recipient



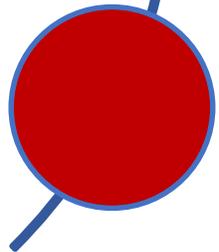
Topics we will cover in this webinar include:



Define Zoom-Bombing

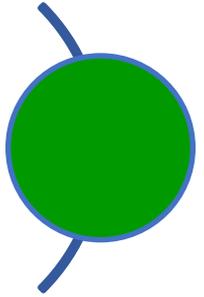


Apply prevention strategies when setting up your meetings



Deploy intervention techniques during your meeting



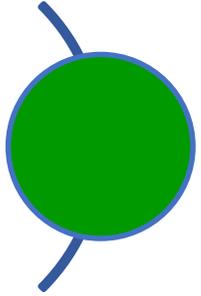


Zoom-Bombing Defined

Zoom-Bombing is when an unauthorized person or stranger joins a Zoom meeting/chat session and causes disorder by saying offensive things and even photobombing your meeting by sharing pornographic and hate images.

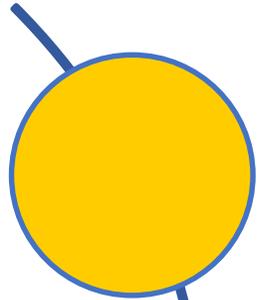
Charles Kellup, [Security Boulevard](#) (blog contributor)



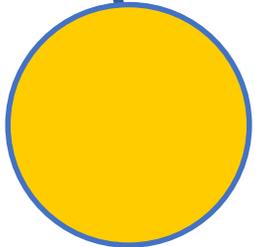


Zoom-Bombing in Action

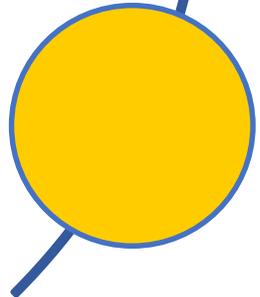




Set student expectations

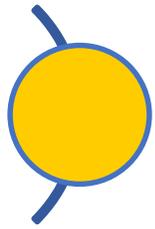


Check your meeting settings



Share your link carefully



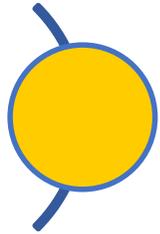


Set student expectations

As instructors, set expectations of Zoom etiquette:

- Appropriate attire (if webcam is on)
- Appropriate surroundings and audio (if webcam and audio are on)
- Class participation and respect for other participants
- Sign into a class meeting using their first and last name
- Muting their microphone (as a courtesy when not speaking)
- Avoid sharing the meeting link outside of Canvas in public forums such as social media or to others not associated with the course





Check your meeting settings

When scheduling your meeting:

- Ensure you use the unique "Generated ID" vs. your "Personal Meeting ID (PMI)"

Schedule a Meeting

Topic
Zoombombing

Start: Fri April 3, 2020 10:00 AM

Duration: 0 hour 30 minutes

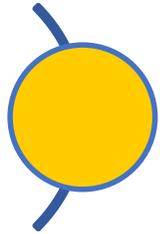
Time Zone: (GMT-05:00) Central Time (US and Canada)

Recurring meeting

Meeting ID
 Generated ID 365-561-933 Personal Meeting ID 381-806-1352

Password
 Require meeting password





Check your meeting settings (cont.)

When scheduling your meeting:

- Mute participants upon entry
- Enable a waiting room for your meeting

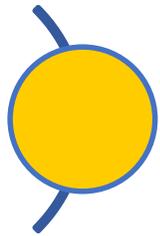
Meeting Options

- Enable join before host
- Mute participants upon entry 🔒
- Enable waiting room **← Enable a waiting room**
- Only authenticated users can join
- Record the meeting automatically On the local computer In the cloud

Alternative Hosts

Example: mary@company.com, peter@school.edu





Check your meeting settings (cont.)

During your meeting:

- Control screen sharing (this can be adjusted to allow participants to share, if warranted)

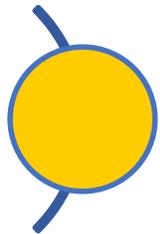
Click [🔼] icon in toolbar

Default is [One participant can share at a time]

Click on [Advanced Sharing Options]

Select [Only Host]

The screenshot shows the Zoom meeting toolbar at the bottom. The 'Share' button is highlighted with a red box. A red arrow points from the 'Advanced Sharing Options...' menu item in the share dropdown to the 'Advanced Sharing Options...' dialog box. In the dialog box, the 'One participant can share at a time' option is selected with a red circle. The 'Who can share?' section has 'Only Host' selected with a red circle. The 'Who can start sharing when someone else is sharing?' section has 'Only Host' selected.



Check your meeting settings (cont.)

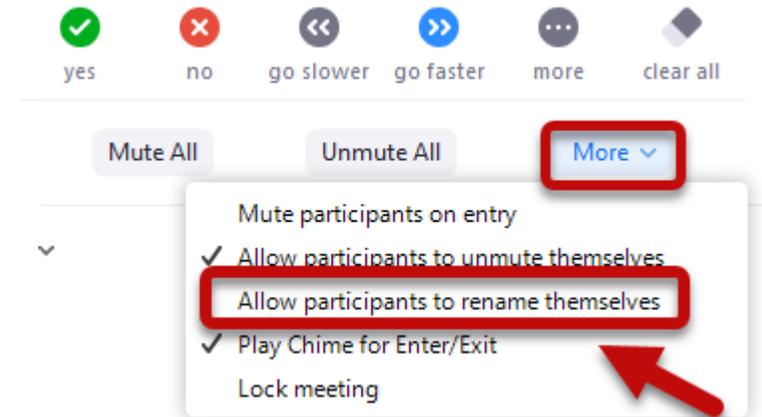
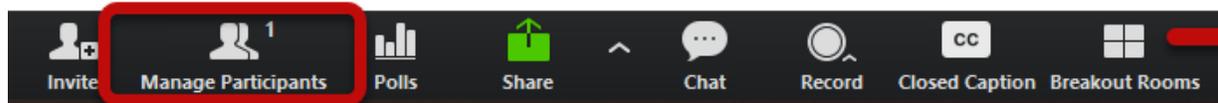
During your meeting:

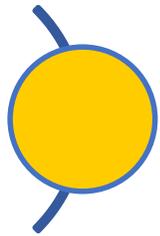
- Prevent participants from renaming themselves (First and Last Name is required)

Click [Manage Participants] in tool bar

Click the [More] button in [Participant Panel]

Uncheck [Allow participants to rename themselves]

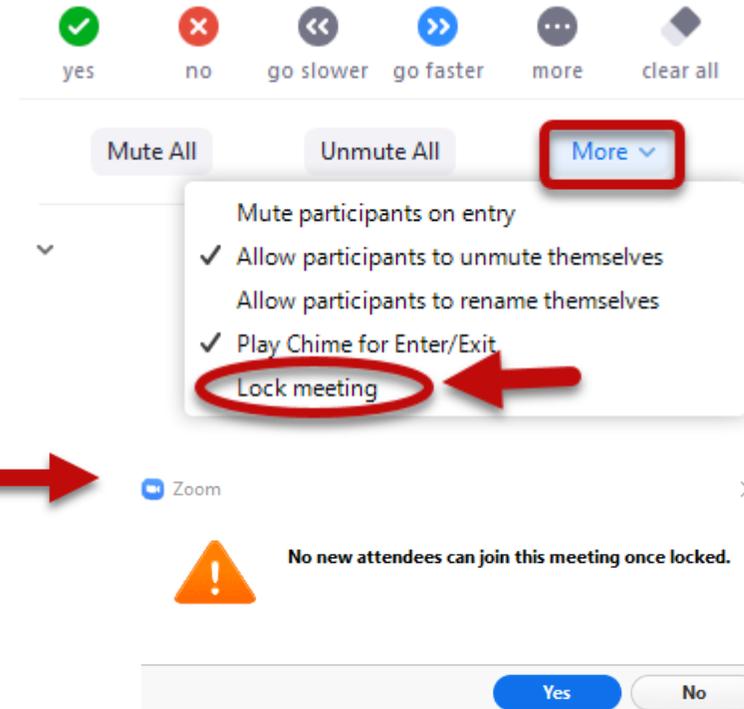
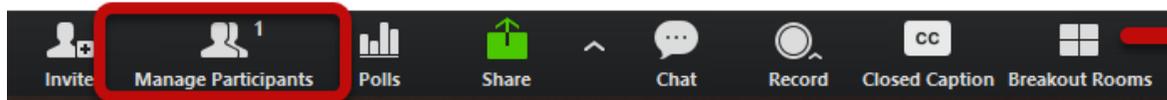


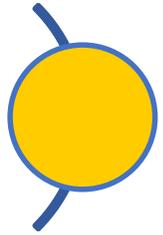


Check your meeting settings (cont.)

During your meeting:

- Lock your meeting (prevents anyone from entering)
 - Click [Manage Participants] in tool bar
 - Click the [More] button in [Participant Panel]
 - Select [Lock Meeting]
 - Select [Yes] at prompt





Sharing your link

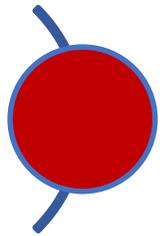
Share your link wisely by:

- Sharing the link only within your Canvas Inbox (will only be sent to students on your class roster)
- Avoid sharing it publicly via the Concourse Syllabus or public platforms



- Control the chat
- Stop unwanted screen sharing by sharing your screen
- Manage unwanted participant audio and video
- Muting and disabling audio for all participants
- Remove participant
- End meeting for all
- NEW!** **NEW SECURITY FEATURES**

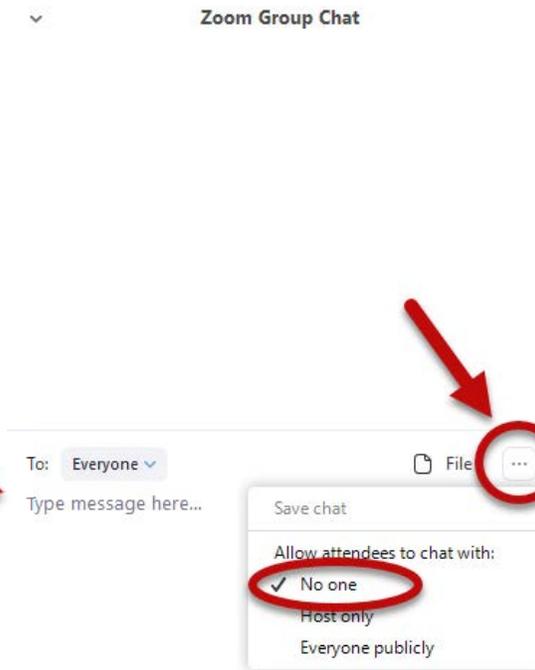
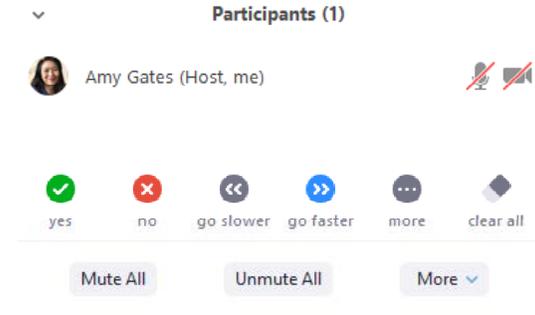


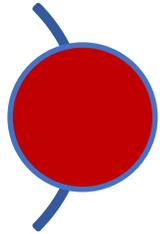


Control the chat

During your meeting:

- Control the chat as you deliver your course.
 - Click [Chat] icon on tool bar
 - Click [...] icon in the [Participant Panel]
 - Select [No one]



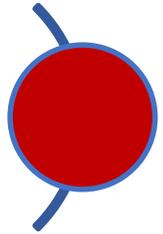


Share your screen

During your meeting:

- Click [Share] icon from tool bar.
If set to [Only Host] sharing, this will override anyone sharing an inappropriate screen

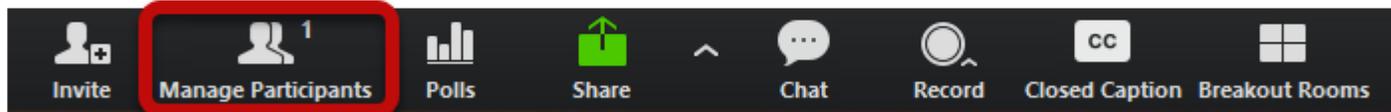


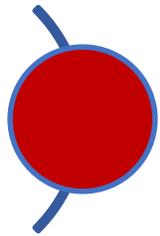


Manage participant audio and video

During your meeting:

- Click [Manage Participant] icon on tool bar.
Locate participant and click on video and microphone icon to mute

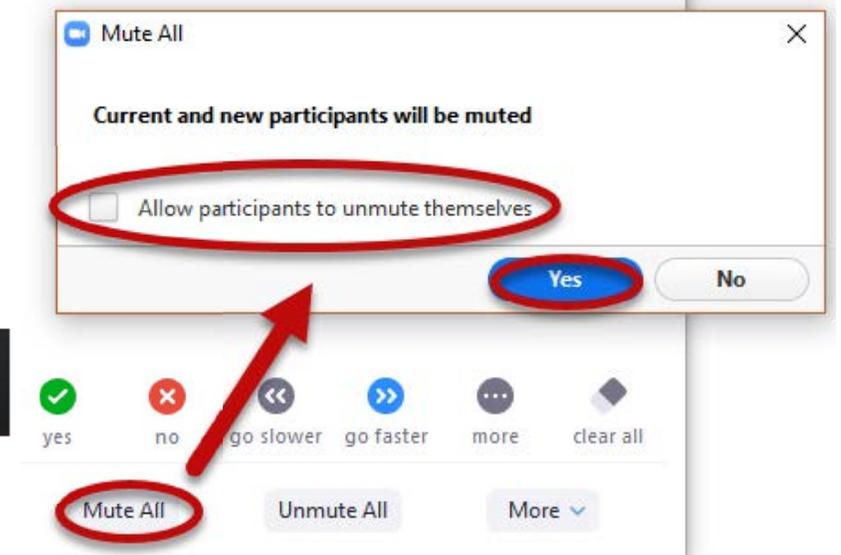
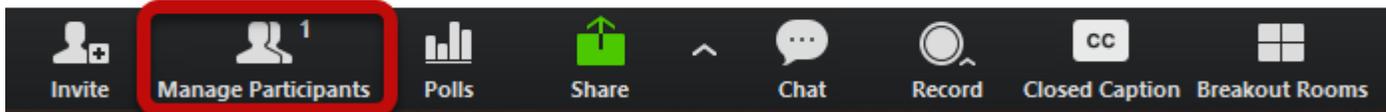


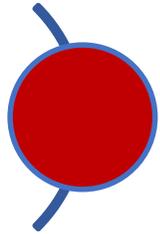


Mute all participants

During your meeting:

- Click [Manage Participants] on tool bar
Click [Mute All] in participant panel
Disable [Allow participants to unmute themselves]

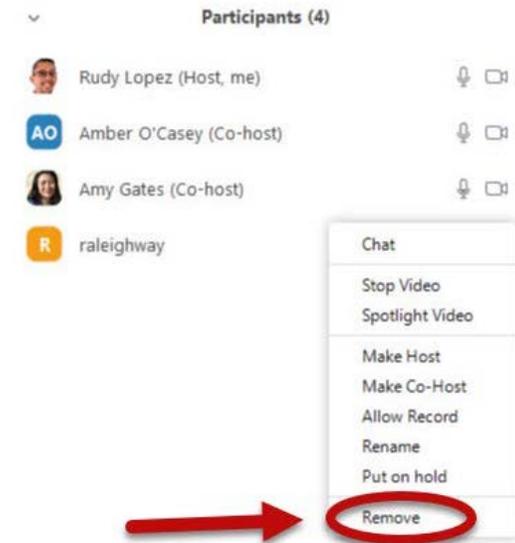
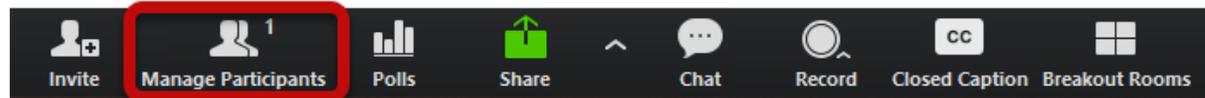


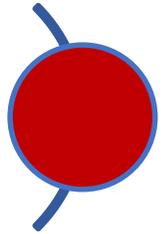


Remove participant

During your meeting:

- Click [Manage Participants] on tool bar
 - Select the participant
 - Select [More] (by hovering to right of participant video camera)
 - Select [Remove] from drop down menu (participant cannot return)

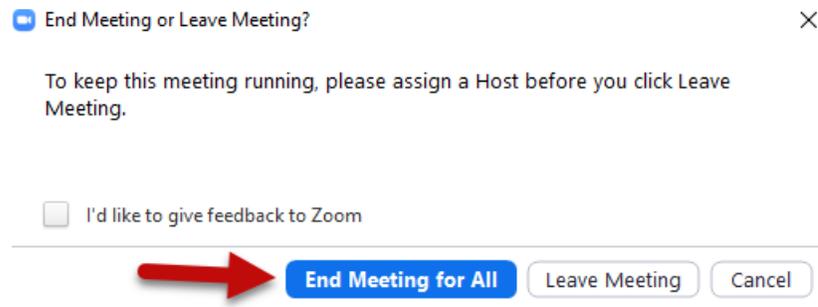
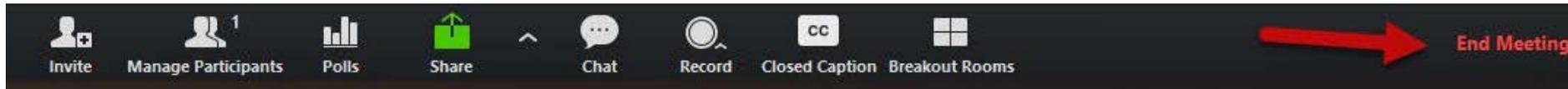




End meeting for all

During your meeting:

- Click [End Meeting] on tool bar
Select the [End Meeting for All] button in pop-up window





New Security Shield Icon in the Tool Bar

New Security Shield Feature:

- Click [shield] icon on tool bar
Select or deselect the security options that you want for your meeting.





Additional Updates

- Resolved link issues that could be used to leak a user's hashed password
- For US companies, moved data off China services that didn't meet US security guidelines
- Removed the meeting ID from the title bar (ID can be found by clicking the [i] icon in top left corner of window)
- Invite others by clicking [Manage Participant] icon in tool bar and clicking [Invite] in the participant panel.
- Resolved issues where some users could access chat in a webinar when chat was disabled



Prevention Strategies

- Set Student Expectations
- Check your meeting settings
- Share your link carefully

Intervention Strategies

- Control the chat
- Share your screen (overrides any screen sharing)
- Manage participant audio and video
- Muting and disabling audio for everyone
- Remove participant
- End meeting (will need to send out a new meeting invite with new meeting ID)
- Use the new enhanced Security feature created by Zoom as of 4-7-20 (You will need to download the Zoom update if you are using the Zoom application on your desk top, if using the portal the update is automatic.)



Questions?



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1. [How to Keep Uninvited Guests Out of Your Zoom Event](#) Zoom
2. [How to Prevent Zoom-Bombing](#) Jill Duffy
3. [FBI Warning the Public about “Zoom-bombing” of video chats](#) Alexandra Jokich, KSTP-TV
4. [“Zoombombing” Attacks Disrupt Classes](#) Inside Higher Ed
5. [Zoom CEO Speaks Out After Incidents of “Zoombombing” by Hackers | GMA](#)
6. [Pixabay cover photo](#) by Genesis.
7. [New Zoom Updates for Window, Mac, iOS, Android, Linux, and Web](#) (as of 4-7-20)
8. [Zoom Fights Zoombombing with New Privacy Security Features](#) by Adamyia Sharma



Thank You!



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