



# Using Zoom for Virtual Education

*Walter Eppich, MD, PhD*  
*Mary McBride, MD, MEd*

Feinberg Academy of Medical Educators  
**M Northwestern Medicine**<sup>®</sup>  
 Feinberg School of Medicine

1



## Technology orientation

Mute Stop Video Invite Manage Participants 1 Share Screen Chat Record Reactions

Feinberg Academy of Medical Educators  
**M Northwestern Medicine**<sup>®</sup>  
 Feinberg School of Medicine

2



# Introductions

Feinberg Academy of Medical Educators

 **Northwestern Medicine**<sup>®</sup>  
Feinberg School of Medicine

3



## In your breakout room

Please share

- Name/Department at Feinberg
- Education/teaching background
- Something personal

**We will return to the main room after 3 min**  
***you will receive a 1 min warning***

***Please accept the invitation to join the group***

Feinberg Academy of Medical Educators

 **Northwestern Medicine**<sup>®</sup>  
Feinberg School of Medicine

4

## Zoom tips

Please:

- Keep your audio off unless you are contributing
- Keep your video on to promote digital presence
- Make eye contact with the camera when speaking
- Have a light source in front of you, not behind

Feinberg Academy of Medical Educators

**M Northwestern Medicine**  
Feinberg School of Medicine

5

## General ground rules

Please:

- Contribute
- Respect other people's point of view
- Keep our discussion confidential

Feinberg Academy of Medical Educators

**M Northwestern Medicine**  
Feinberg School of Medicine

6

## Objectives

- Prepare and implement virtual learning sessions using Zoom
- Outline basic strategies to create an environment that promotes interaction

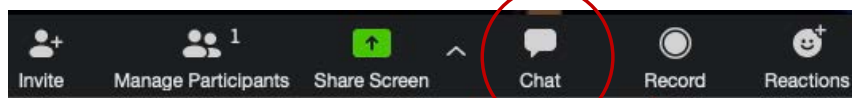
Feinberg Academy of Medical Educators

**M Northwestern Medicine**  
Feinberg School of Medicine

7

*Please type your responses in the chat box*

What will you be teaching  
via Zoom and for whom?  
*Please be specific*



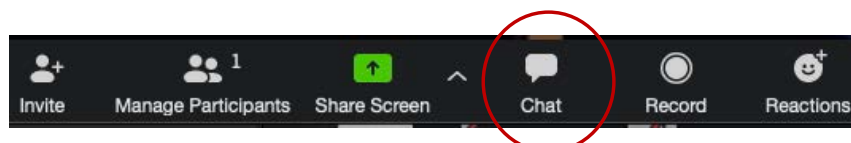
Feinberg Academy of Medical Educators

**M Northwestern Medicine**  
Feinberg School of Medicine

8

*Please type your responses in the chat box*

What would you like to get  
out of this workshop?



Feinberg Academy of Medical Educators

**M Northwestern Medicine**  
Feinberg School of Medicine

9

## Session outline

1. Setting up for success
2. Engaging learners
3. Promoting interaction

Feinberg Academy of Medical Educators

**M Northwestern Medicine**  
Feinberg School of Medicine

10

## Setting up for success

- Beforehand
  - Set up your Northwestern Zoom account using your NU credentials → provides professional license
  - Watch Zoom tutorial on host and co-host controls
  - Review Northwestern Zoom privacy and security settings

*Use your favorite search engine...*

Feinberg Academy of Medical Educators

**M Northwestern Medicine**  
Feinberg School of Medicine

11

## Setting up for success

- Beforehand
  - Ask yourself:
    - What do I want to achieve?
    - What should participants get out of the session?

**What *value* is the session adding for participants?**  
**It is NOT about demonstrating the bling of the technology...**

Feinberg Academy of Medical Educators

**M Northwestern Medicine**  
Feinberg School of Medicine

12

## Setting up for success

- Beforehand
  - Prepare your session: balance content and interaction
  - Technology—audio/video
  - Preparing the physical space



Feinberg Academy of Medical Educators

**M Northwestern Medicine**  
Feinberg School of Medicine

13

## Setting up for success

- During
  - Encourage a sense of community
  - Your behavior/position
  - Expect silence—embrace the pause



Feinberg Academy of Medical Educators

**M Northwestern Medicine**  
Feinberg School of Medicine

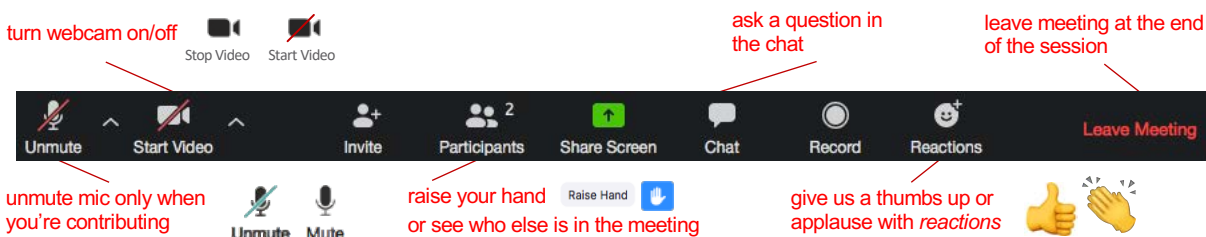
14

## FAME: Using Zoom for Virtual Education

Start: 4:00pm

Please

- Mute yourself | switch off video until we start
- Familiarize yourself with the Zoom functions below



Feinberg Academy of Medical Educators

**Northwestern Medicine**

Feinberg School of Medicine

15

## Engaging learners

- Explain technology
- Establish ground rules
- Prepare slides with clear instructions/breakout
  - Warnings to reconvene
  - Time management
- Avoid straight lecturing (rule of thumb)
  - Break up bursts of content with interactivity every 8-10 min.
  - At a minimum, use chat box periodically

Feinberg Academy of Medical Educators

**Northwestern Medicine**

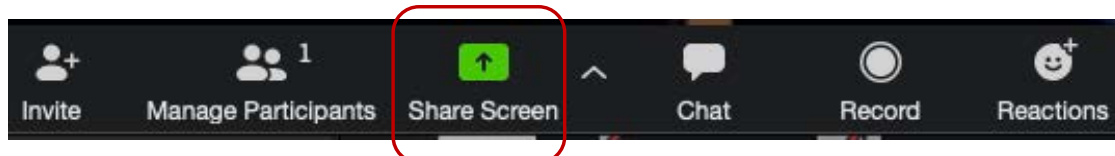
Feinberg School of Medicine

16



## Engaging learners

- Share your screen to share content

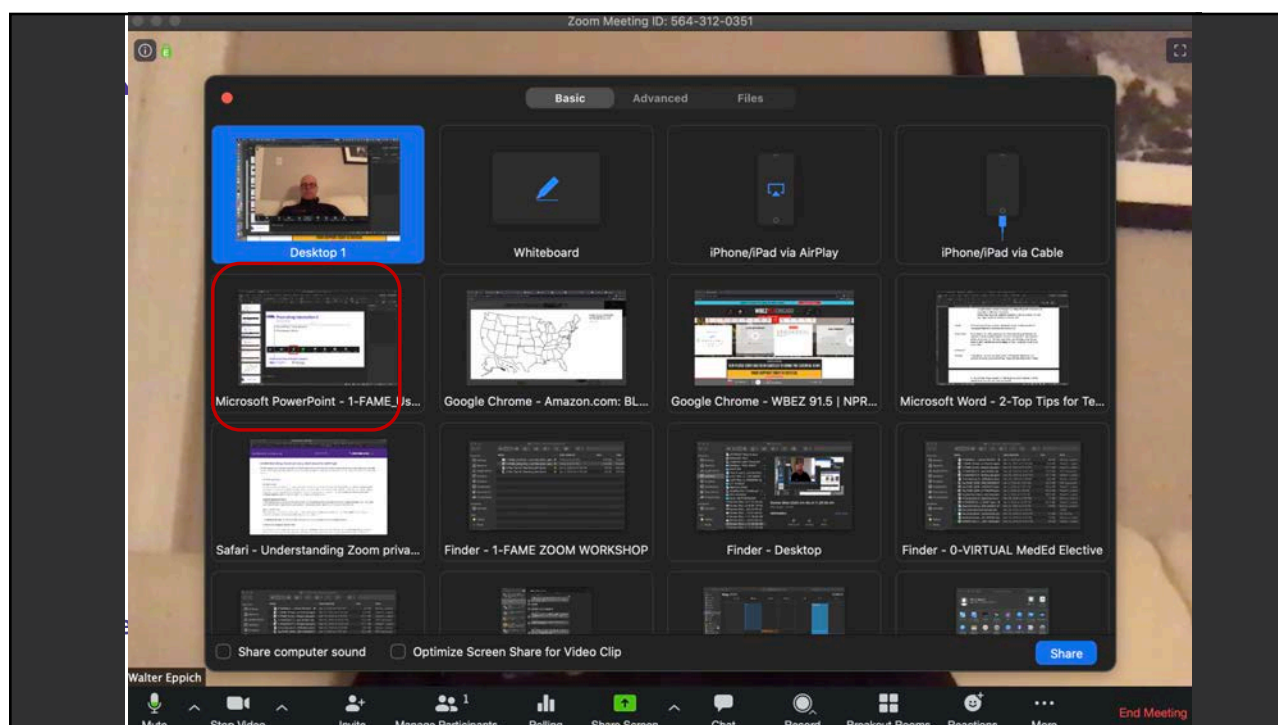


Feinberg Academy of Medical Educators

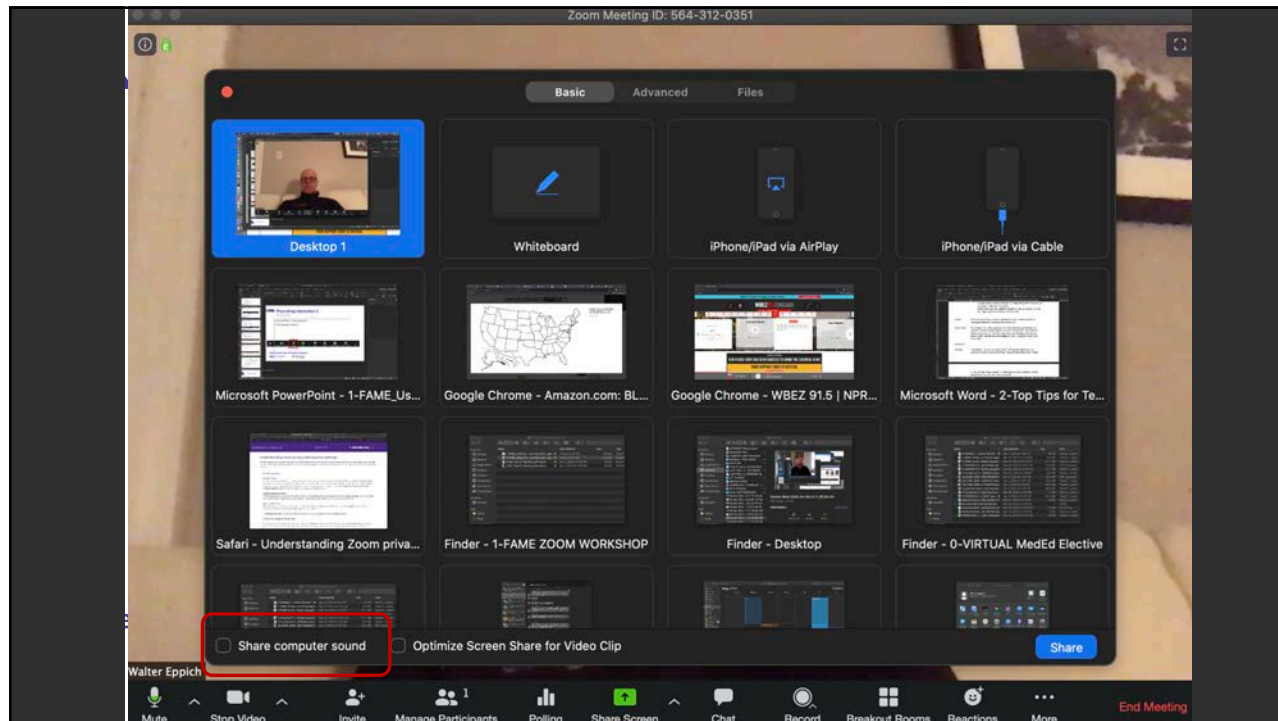
**M Northwestern Medicine**

Feinberg School of Medicine

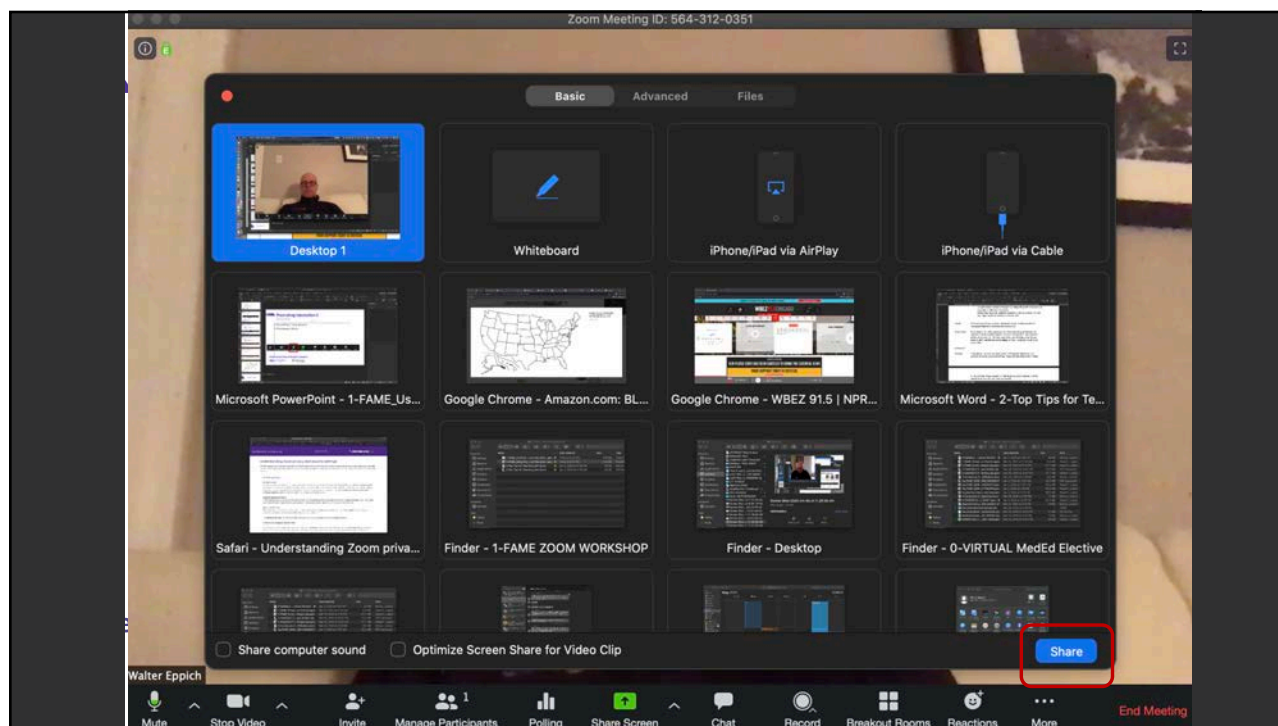
17



18



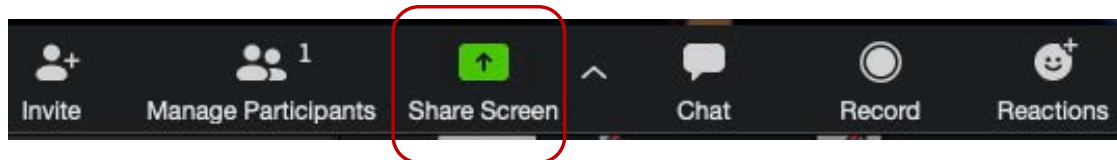
19



20

## Engaging learners

- Share your screen to share content



*We will now break you into small groups; identify a window/program on your computer to share*

Feinberg Academy of Medical Educators

**M Northwestern Medicine**  
Feinberg School of Medicine

21

## Promoting interaction

Ask yourself:

- Who is interacting with whom and for what purpose?
  - Facilitator with participants or vice versa?
  - Participants with each other?
- Which tool enables this interaction?

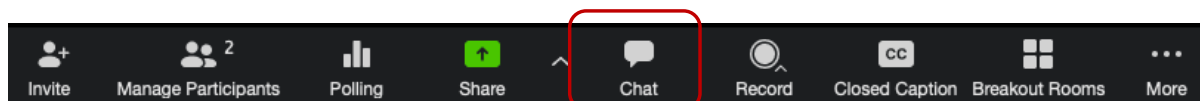
Feinberg Academy of Medical Educators

**M Northwestern Medicine**  
Feinberg School of Medicine

22

## Promoting interaction

- Use chat box
  - Pose questions, solicit responses in chat box
  - Take questions from learners (if possible, co-host monitors)



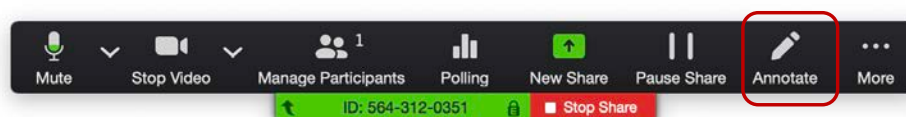
Feinberg Academy of Medical Educators

**M Northwestern Medicine**  
Feinberg School of Medicine

23

## Promoting interaction


- Use annotate function



Feinberg Academy of Medical Educators

**M Northwestern Medicine**  
Feinberg School of Medicine

24



**Feinberg Academy of Medical Educators**

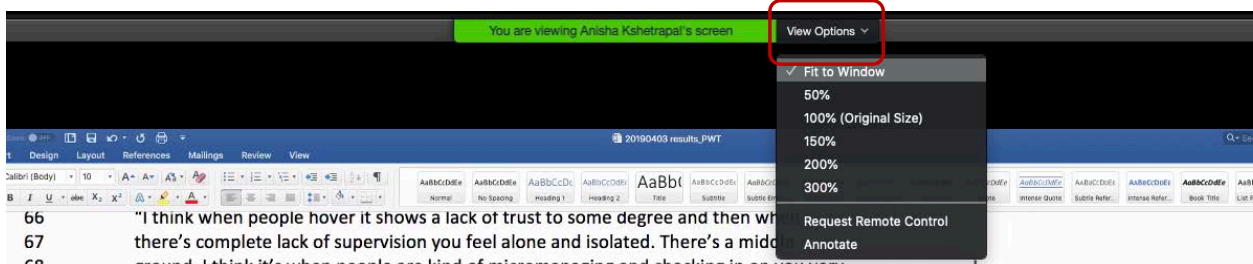
**Northwestern Medicine®**  
Feinberg School of Medicine

**I will indicate a state:**  
**Type your response in the chat box**

25

## Promoting interaction

- Use annotate function



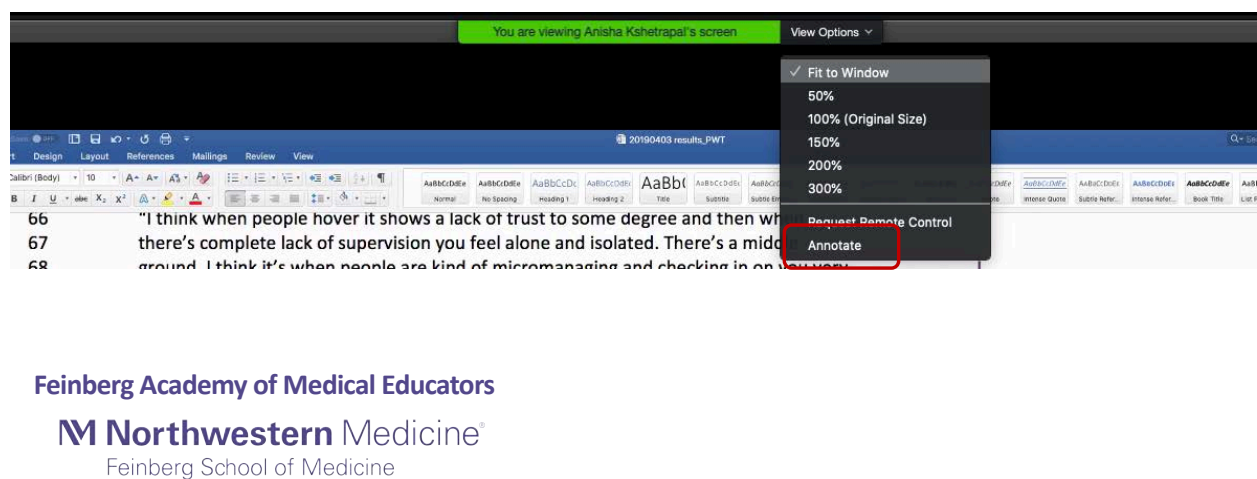
**Feinberg Academy of Medical Educators**

**Northwestern Medicine®**  
Feinberg School of Medicine

26

## Promoting interaction

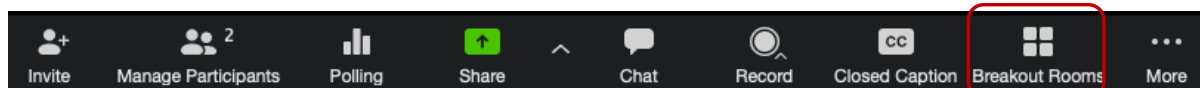
- Use annotate function



27

## Promoting interaction

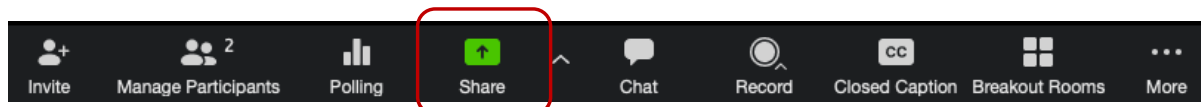
- Use breakout rooms for small group work
  - Will participant report back main points?



28

## Promoting interaction

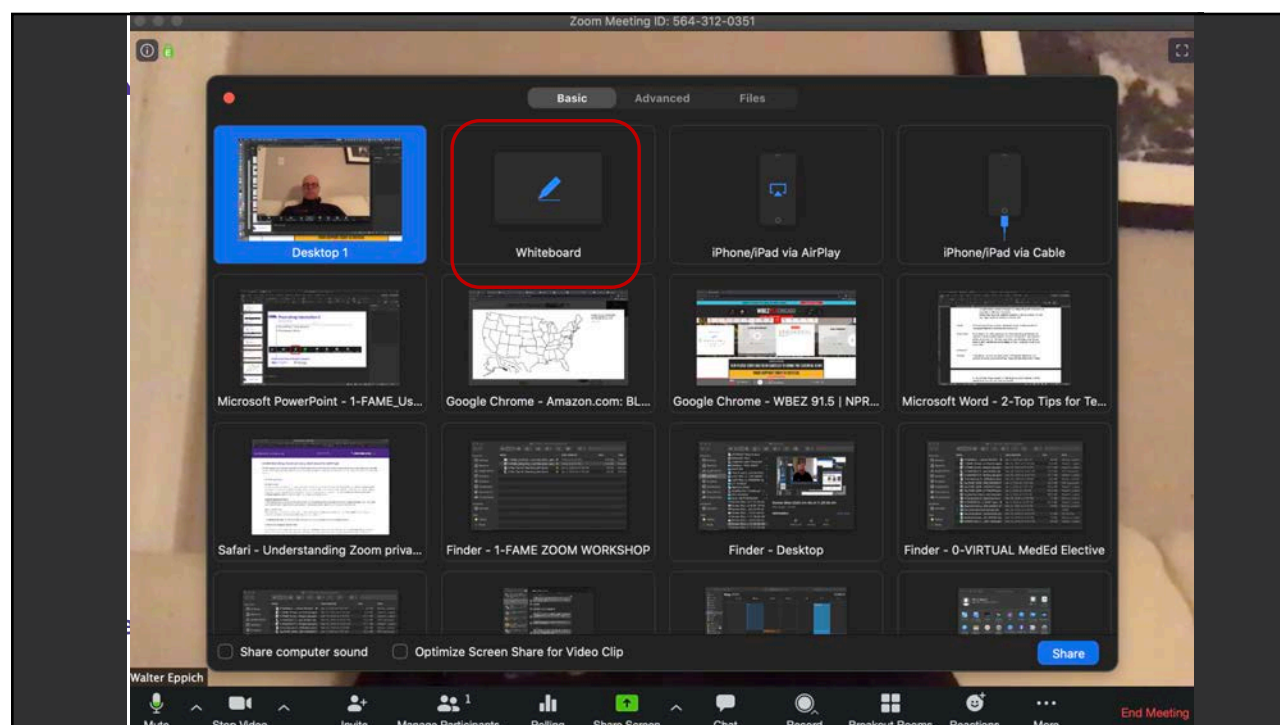
- Use whiteboard or Word document to have small groups gather and report findings



Feinberg Academy of Medical Educators

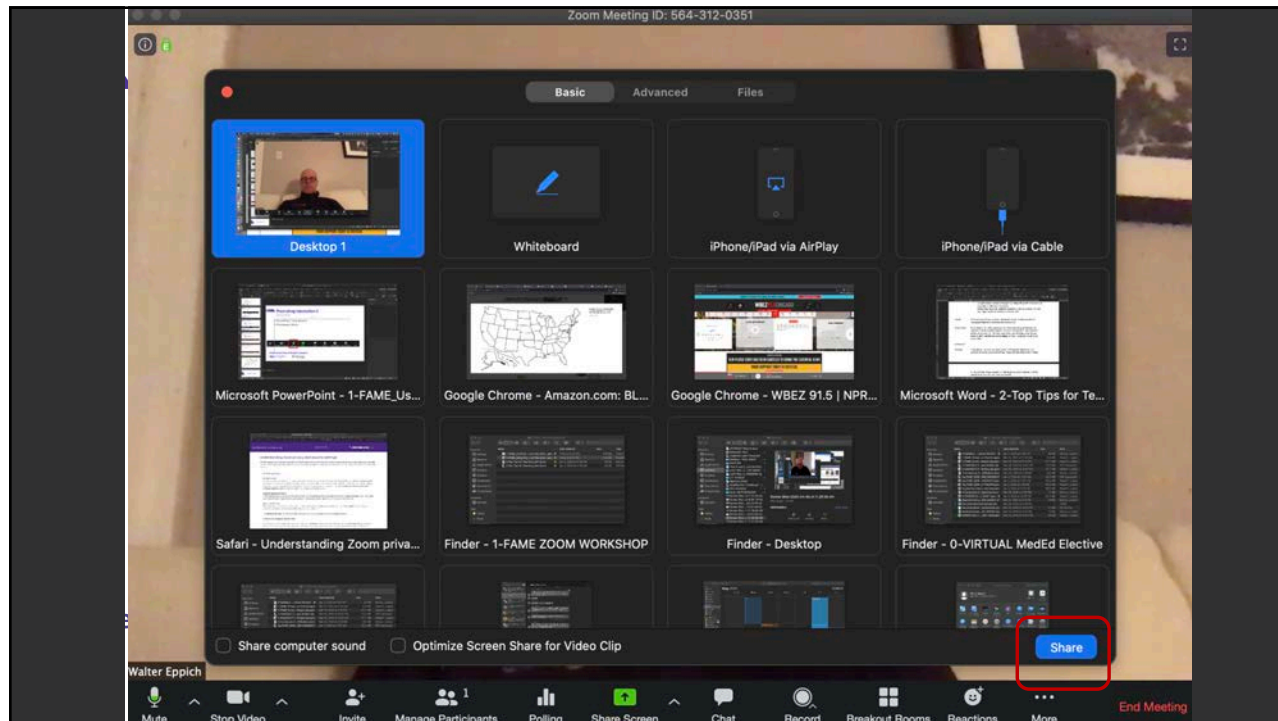
**M Northwestern Medicine**  
Feinberg School of Medicine

29



30







31

## Promoting interaction

Seeking formal responses (maintaining anonymity, assessing knowledge)

Invite
Manage Participants
Polling
Share
Chat
Record
Closed Caption
Breakout Rooms
More

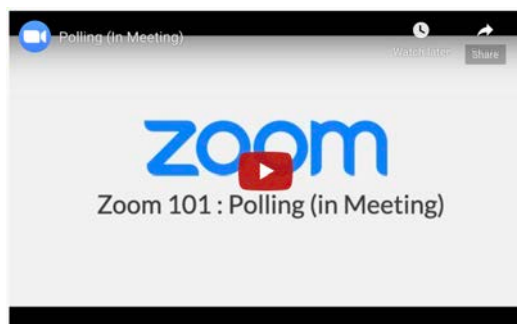
**Feinberg Academy of Medical Educators**

**Northwestern Medicine®**  
Feinberg School of Medicine

32



## Promoting interaction



Feinberg Academy of Medical Educators

**M Northwestern Medicine**  
Feinberg School of Medicine

33

# Questions Comments Suggestions

Feinberg Academy of Medical Educators

**M Northwestern Medicine**  
Feinberg School of Medicine

34