



OWNING THE CAMERA

Making ZOOM meetings less tiresome

(Turn on PowerPoint Notes View to see narration notes)

ZOOM MEETINGS are stressful





Teleconferencing that really works

GETTING STARTED IS EASY – TOO EASY



CAMERA PLACEMENT, THE FIRST DECISION

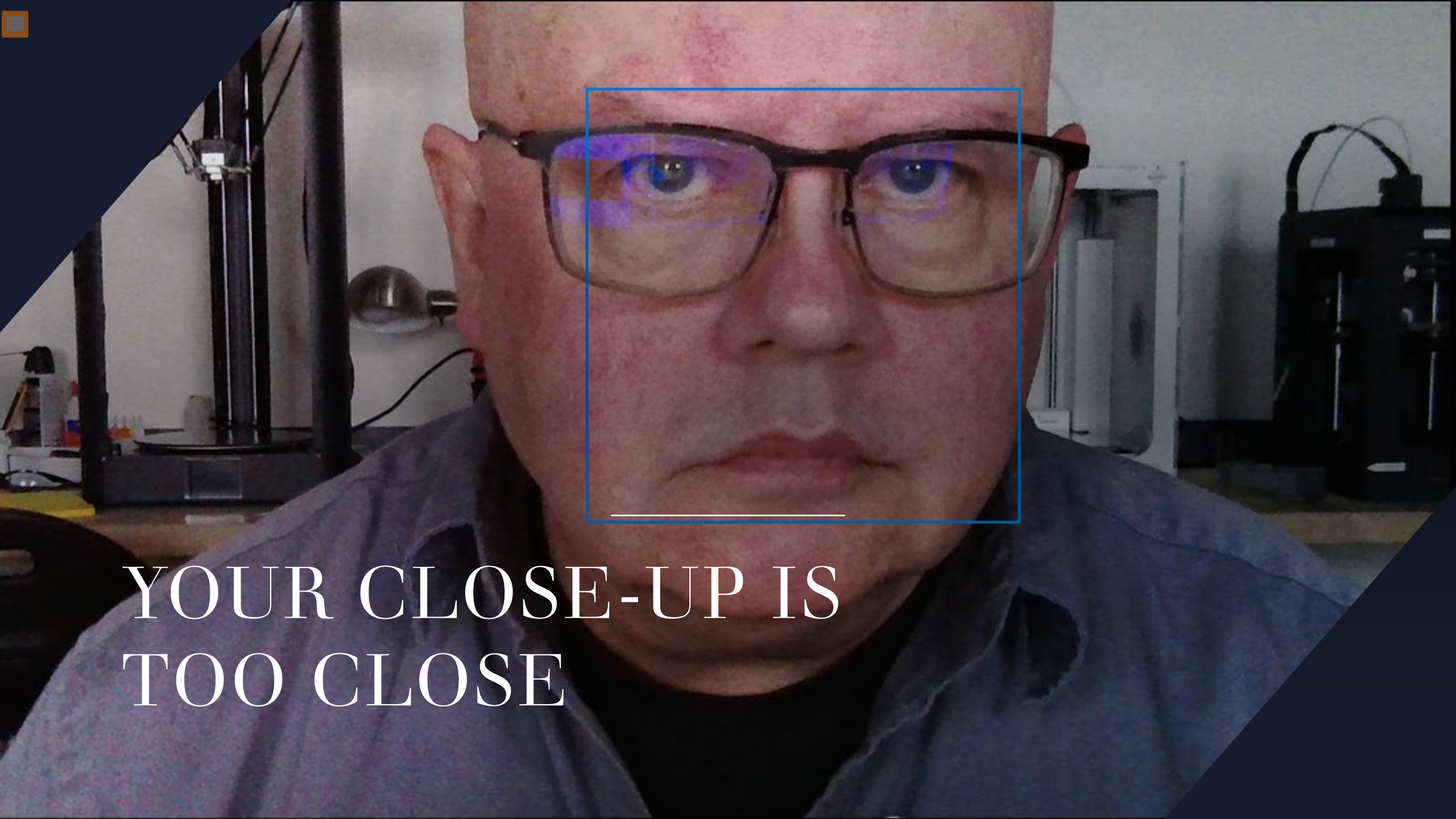


EYE CONTACT
IS PART OF
OUR CULTURE

(But
not always
the best thing)



THE ILLUSION OF EYE
CONTACT: LINING UP
THE CAMERA AND
ZOOM WINDOW



YOUR CLOSE-UP IS
TOO CLOSE



NORMAL CONVERSATIONAL DISTANCE

Camera on "wrong" monitor for right reason

- The ZOOM window is on a different monitor than the one supporting the camera
- Attending a lecture
- Large group meeting
- When meeting someone who is uncomfortable with eye contact





Camera on top of
conference room TV



Typical Camera

XPS-13 nostril-cam



LOW CAMERA ANGLE



Dell XPS-16 NostrilCam



Camera on top of
conference room TV



Typical Camera

XPS-13 nostril-cam



EYE-LEVEL CAMERA



NORMAL
CONVERSATION
AT EYE LEVEL

Camera on top of
conference room TV

Typical Camera

XPS-13 nostril-cam

CAMERA TOO HIGH IN
CONFERENCE ROOM

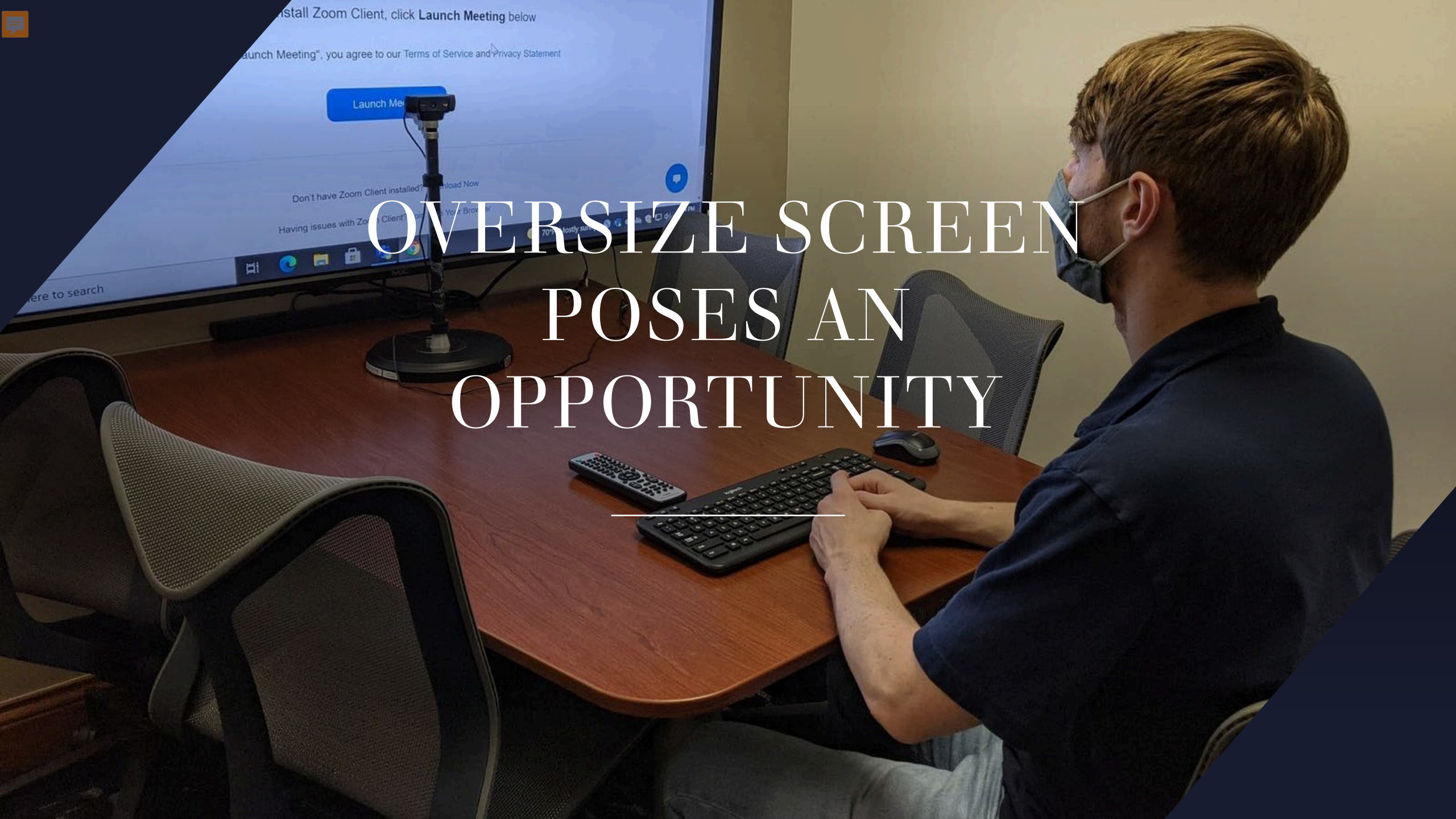




Looking down
at a
 20° degree
angle

SECURITY CAMERA EFFECT





OVERSIZE SCREEN POSES AN OPPORTUNITY

Camera on tabletop stand at eye level



PLACE CAMERA BETWEEN PRESENTER AND SCREEN



Camera support



A PROTOTYPE
THE USER
WON'T STOP
USING



Camera aim and background



The disembodied head



- Fix: align the camera so your eye level is at the upper-third line



MEGA-CLUTTER!

LIGHTING



OVERHEAD LIGHTING



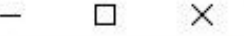
- Very unflattering
- Dark, uncomfortable shadows, and glare on bald heads

Off-axis lighting



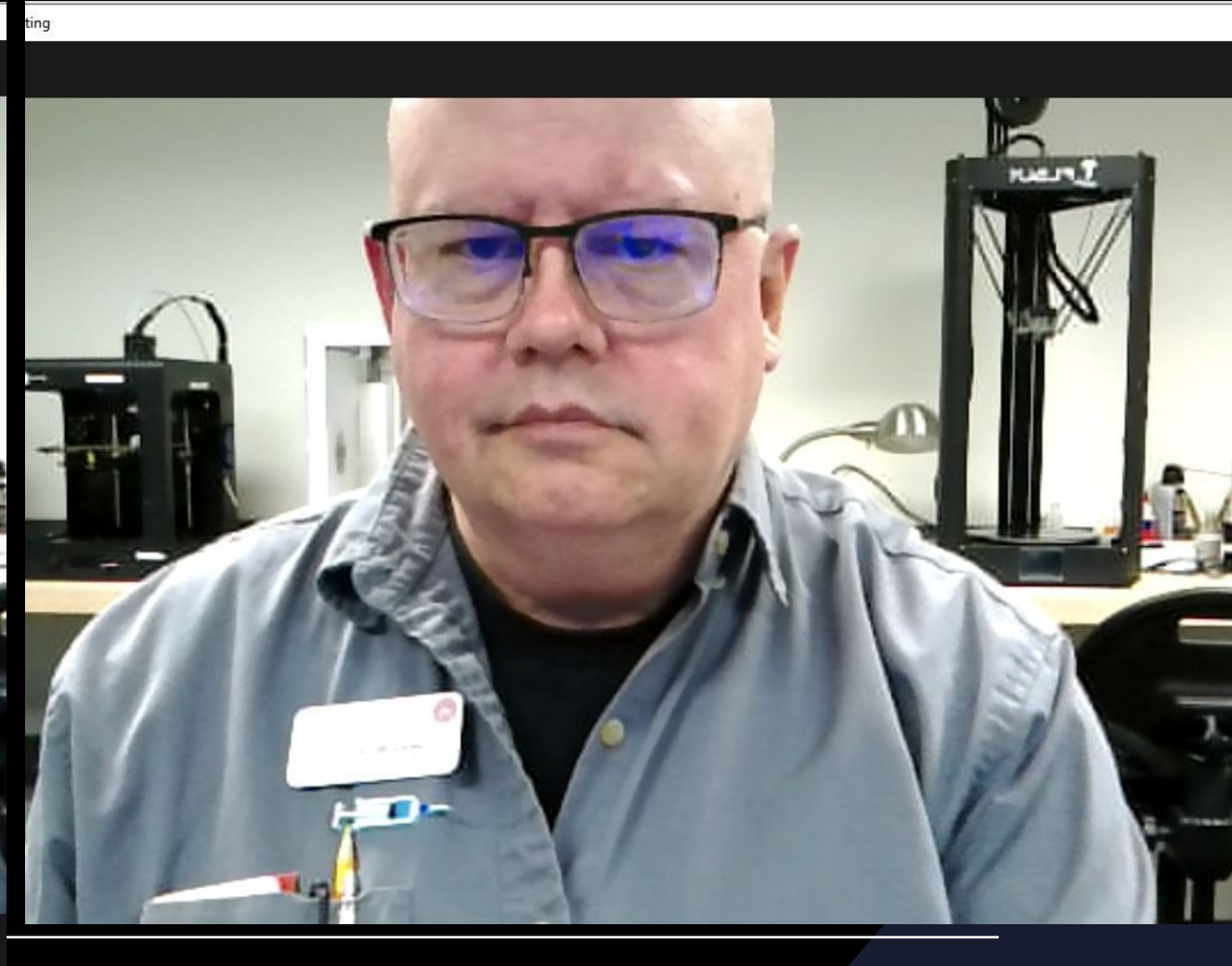
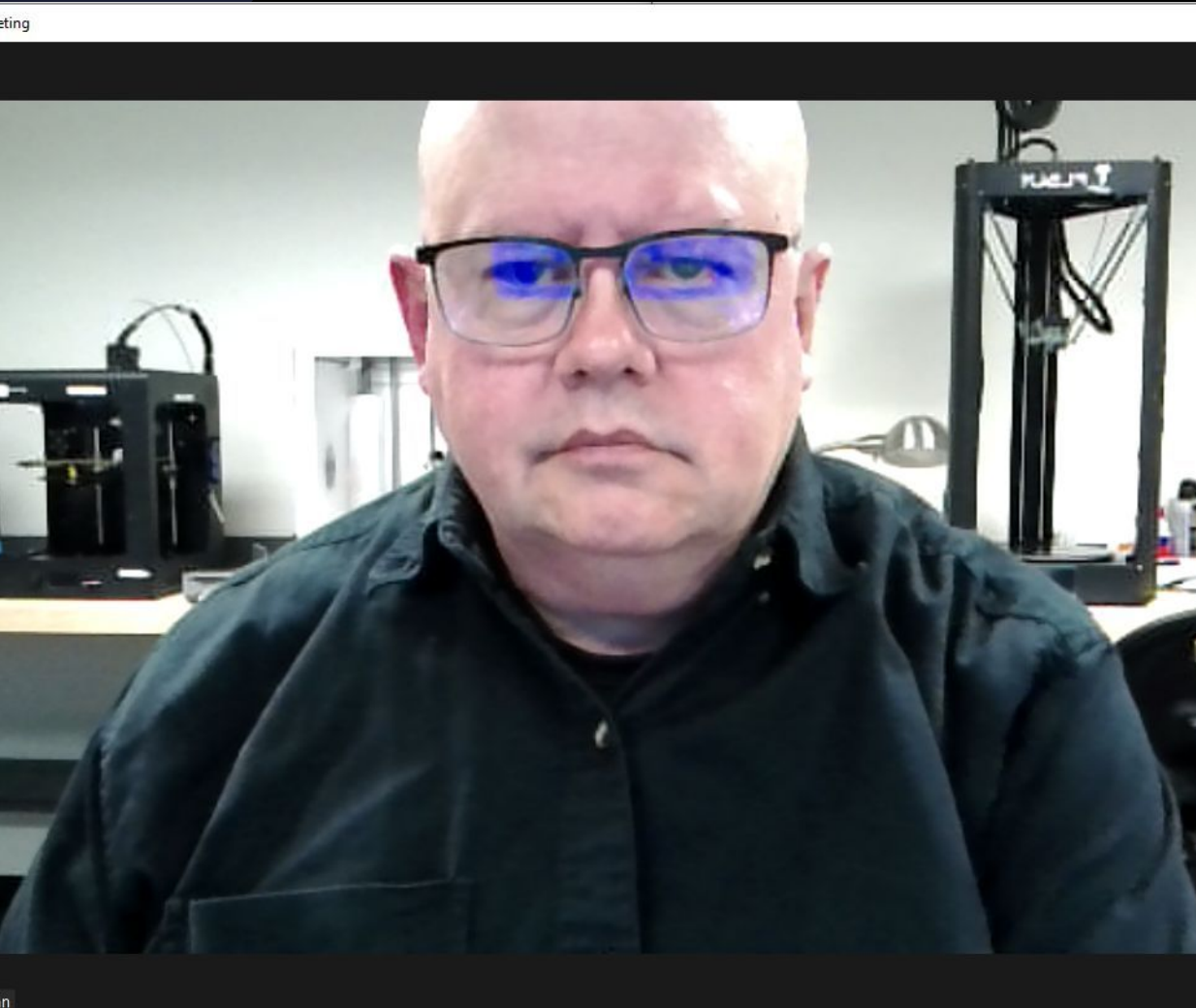
- Face appears more natural and 3-dimensional

COLOR PERCEPTION AND CAMERAS



THE WAR OF COLOR

Black shirt or neutral shirt

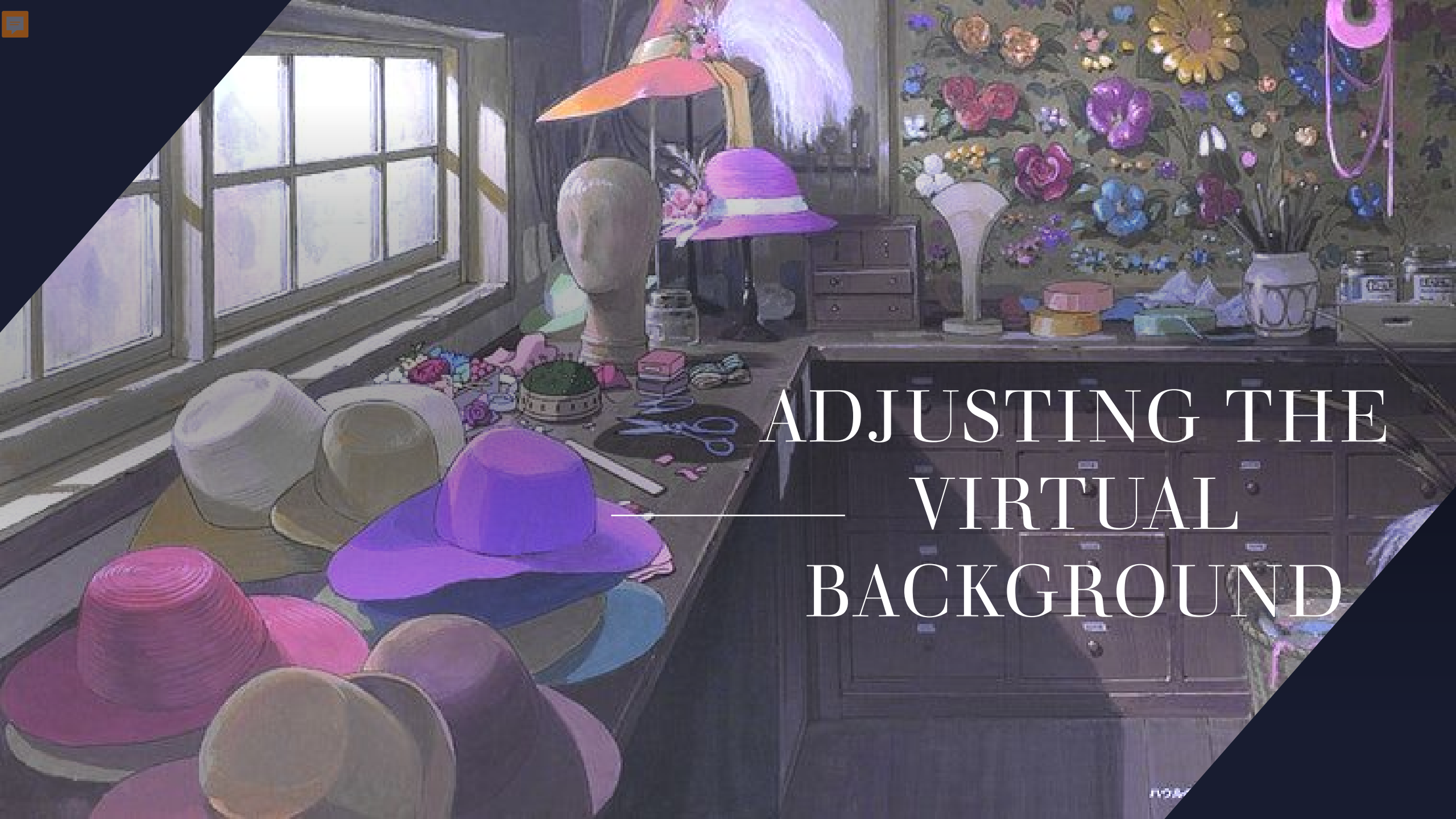


How much difference does the camera make?





VIRTUAL BACKGROUNDS



ADJUSTING THE
VIRTUAL
BACKGROUND

Matching virtual background to room lighting



- Makes it a little less jarring on the receiving end

Blur filter



- Simplify a cluttered background
- Does not work with complex hair styles

Window behind screen, room lights off



Contact

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