Telepresenting

Technology
+
Telecommunications
=
Telehealth/Telemedicine

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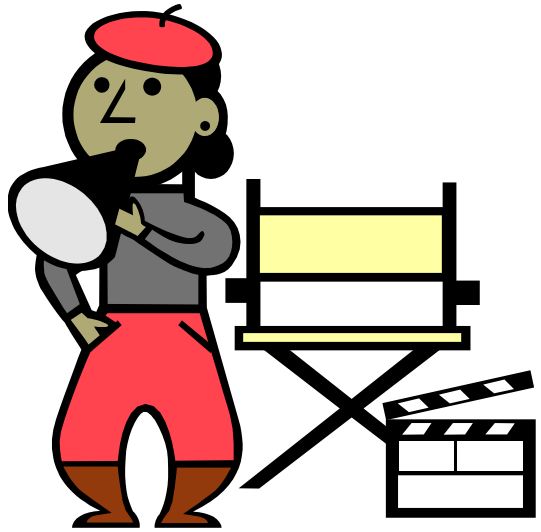
Communication Technology



- Lights, Camera ACTION!
- Two way videoconferencing
  Using hardware/software
- Web cams using secure sites over the internet
- Other devices or programs which connect to your laptop or desktop @home or bedside

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Telemedicine =

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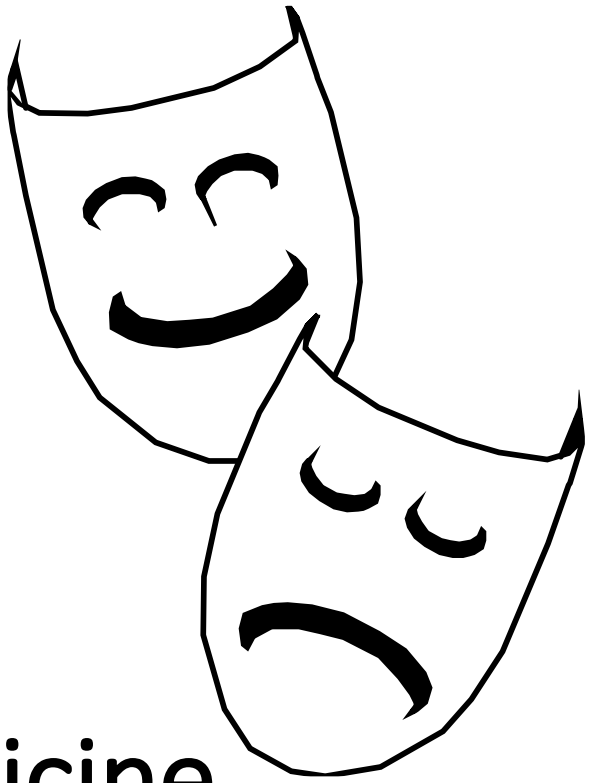
The Art of Telemedicine



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Elements of Production

- Sound
  - microphones
  - electronic stethoscope
- Lighting
  - color temperature
  - angle
- Space and geography of the room

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- Same Elements of production whether you are in a state-of-the-art videoconferencing suite, using a videophone or a webcam @ your desktop!
- Background
- Lighting
- Audio
- Camera skills – be sure you are looking GOOD!

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- Bandwidth and managing your bandwidth
- Back-up plan
- Old/new technology combinations
- Data Access & Management
- Test in advance - and the day of – and repeat!

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Best Practices

- Technical Protocols
- Clinical Protocols
- Mock Patients
- Training

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Cameras

- Angle
- Framing
- Lighting
- White balance
- Choosing the right one
- Focus on communication and NOT the technology

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AF CCD
POWER
RECEIVE

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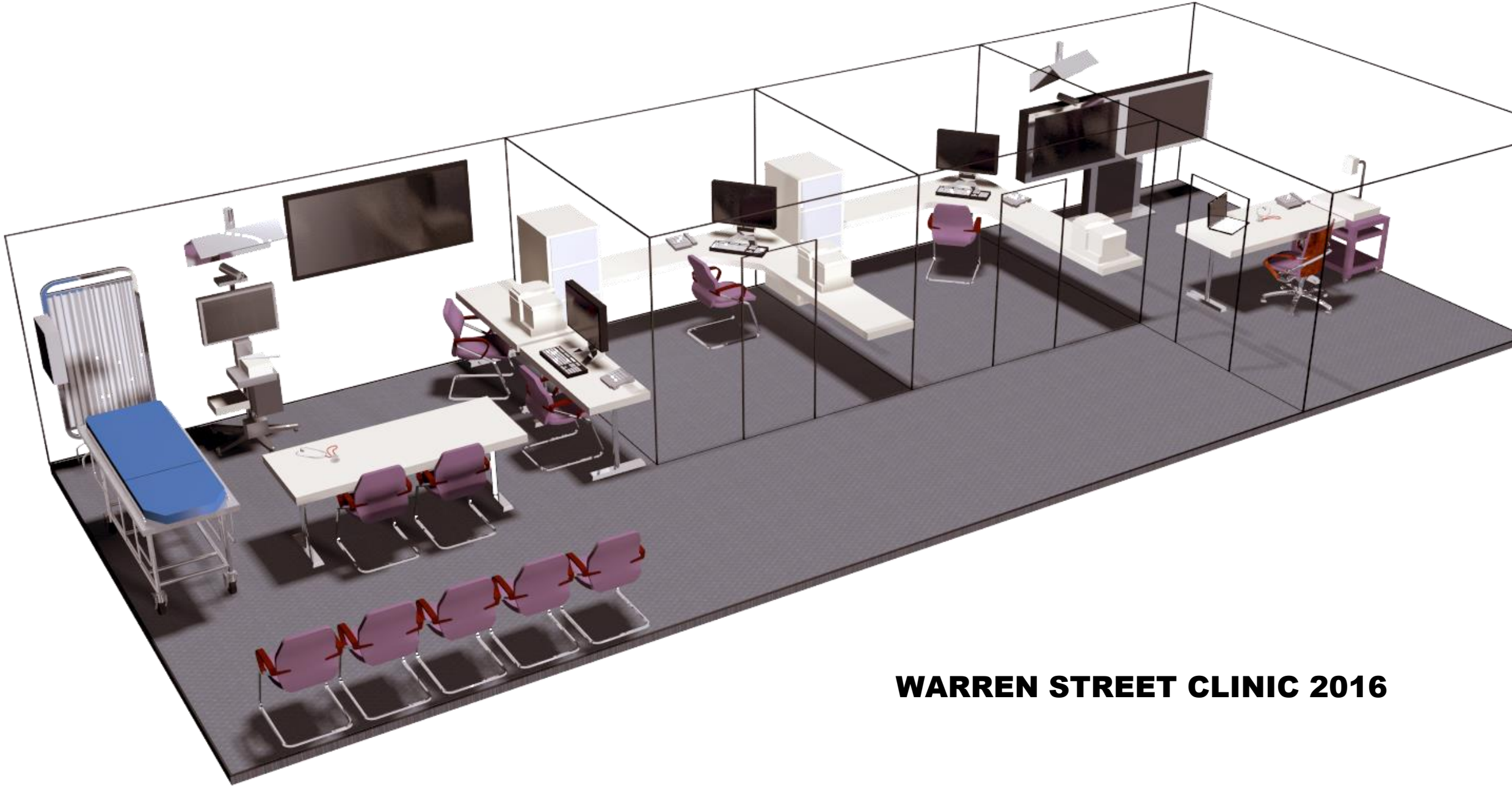

WARREN STREET CLINIC 2016

ARIZONA TELEMEDICINE PROGRAM

SOUTHWEST TRC TELEHEALTH RESOURCE · CENTER™

telemedicine
=
medicine at a distance

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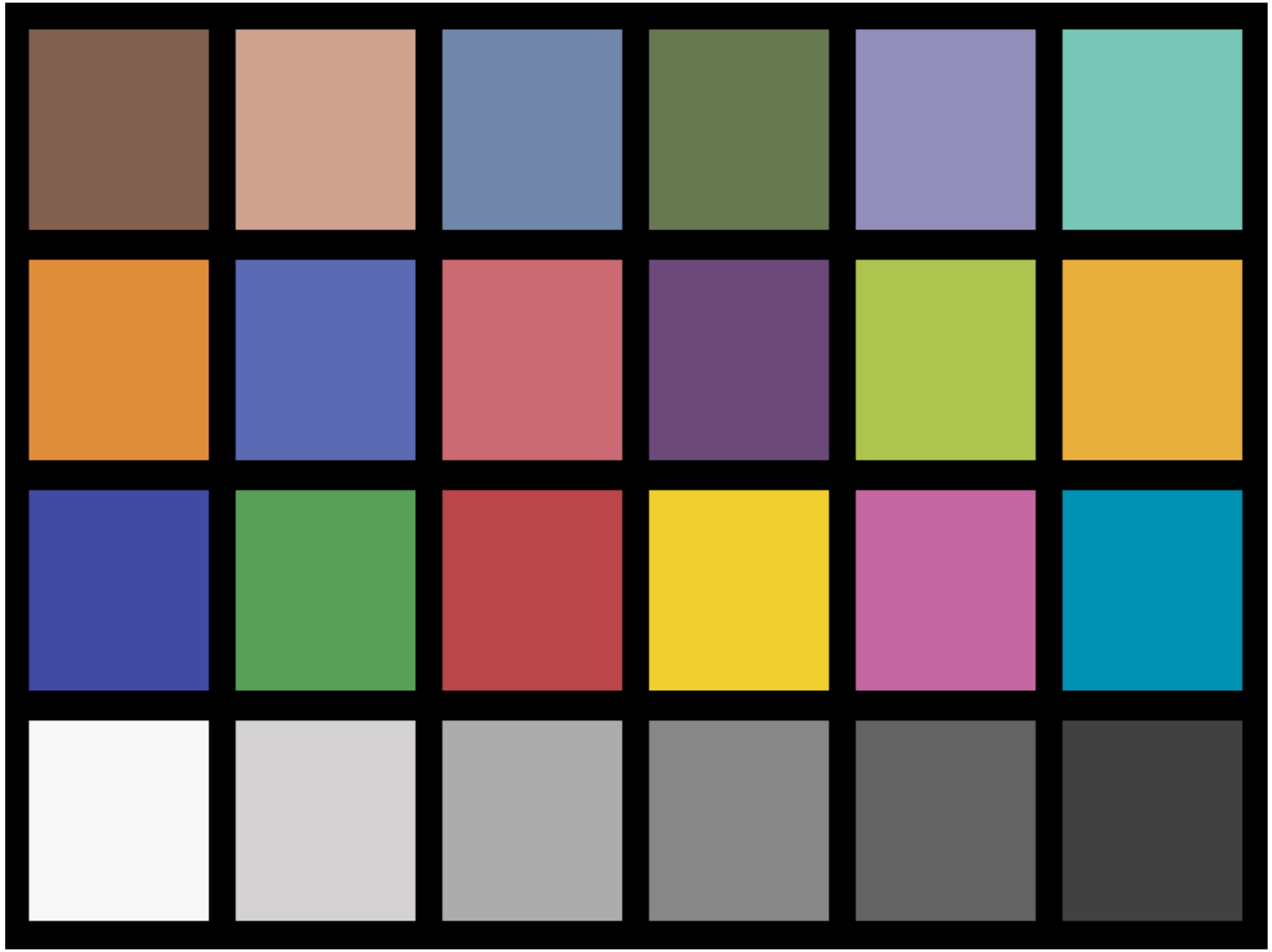

Arizona Television Program
White Mountain
Regional Medical Center
Springerville, Arizona

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EXIT
137
EXAM ROOM
4
Your Pregnancy
Zoloft

ARIZONA
TELEMEDICINE
PROGRAM

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Clinical Case Presentation

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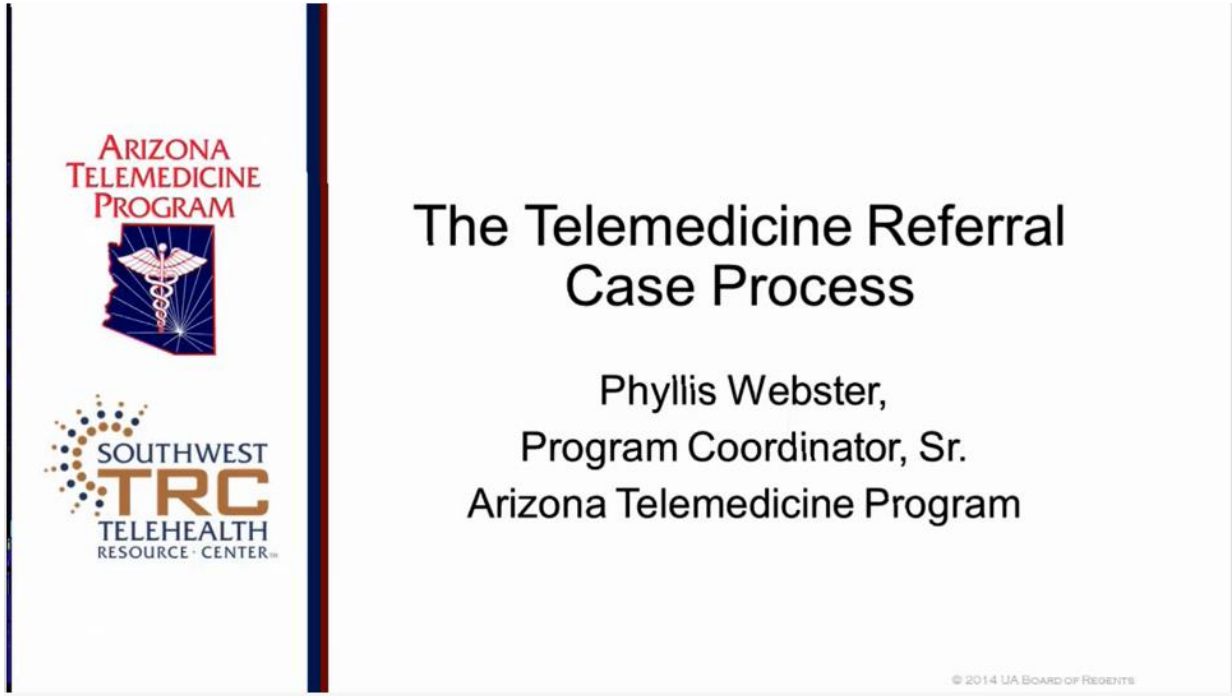

Case Management

Go through the steps required to set up, carry out and complete a clinical telemedicine referral.

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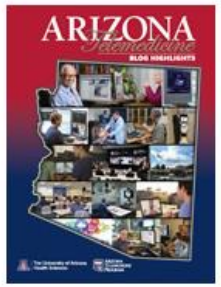
ARIZONA TELEMEDICINE PROGRAM



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- ATP Service Desk
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- Project ECHO
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- Innovation Awards Program
- Press Releases
- Tele-Diabetes Programs
- Arizona Telemedicine Testimonials
- Get Information on ATP Membership
- Contact Us

Connect With Us

Arizona Telemedicine Training Program

Tracy Skinner & Pete Yonsetto addressing questions during a training program from local participants in Tucson as well as from remote participants at our Phoenix video conferencing classroom.

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TRACK 1: Developing a Telemedicine Program

January 8, May 7, and September 17, 2018

Course Content:

This conference gives a broad overview of a variety of telemedicine topics, including:

- Clinical services
- Telecommunications and infrastructure development/operations
- Distance education
- Evaluation
- Business aspects
- Telemedicine equipment/technology demonstration

Who should attend?

This course is excellent for individuals or groups who have some telehealth experience and are interested in expanding their services. It is also a great course for those new to telehealth who are interested in gaining a deeper understanding of this growing industry.

Conference Goals:

- To provide ongoing training for health care professionals involved or interested in clinical telemedicine and telehealth services
- To promote improved public health in rural and urban communities by providing current telemedicine and telehealth information and training
- To provide health care systems throughout Arizona and nationally with information, training, and expertise in telemedicine and telehealth applications

Register Now!

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TRACK 2: Telemedicine Applications

March 5, July 23, and November 5, 2018

Course Content:

This conference covers advanced telemedicine topics through an in-depth look at real-world clinical applications of telemedicine and telehealth.

Who should attend?

This course is excellent for individuals or groups who have some telehealth experience and are interested in expanding their services. It is also a great course for those new to telehealth who are interested in gaining a deeper understanding of this growing industry.

Conference Goals:

- To provide ongoing training for health care professionals involved or interested in clinical telemedicine and telehealth services.
- To promote improved public health in rural and urban communities by providing current telemedicine and telehealth information and training
- To provide health care systems throughout Arizona and nationally with information, training, and expertise in telemedicine and telehealth applications

Register Now!

Join us at an upcoming training course to enhance your telemedicine and telehealth knowledge, to network and build relationships, and discover resources to help advance your telemedicine and telehealth efforts.

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ARIZONA TELEMEDICINE PROGRAM

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SOUTHWEST TELEHEALTH RESOURCE CENTER TRC

Skype
WebEx
Elluminate
RealPresence
Blackboard
Vidyo
Windows
ZOOM
GoToMeeting
LIVE
Bluejeans
AdobeConnect
GoogleHangout

HIPAA Health Insurance Portability And Accountability Act of 1996

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- Mute your audio
- View
  - Speaker mode
  - Gallery mode
  - Full Screen

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Mute / unmute your microphones

MUTE = ALT A

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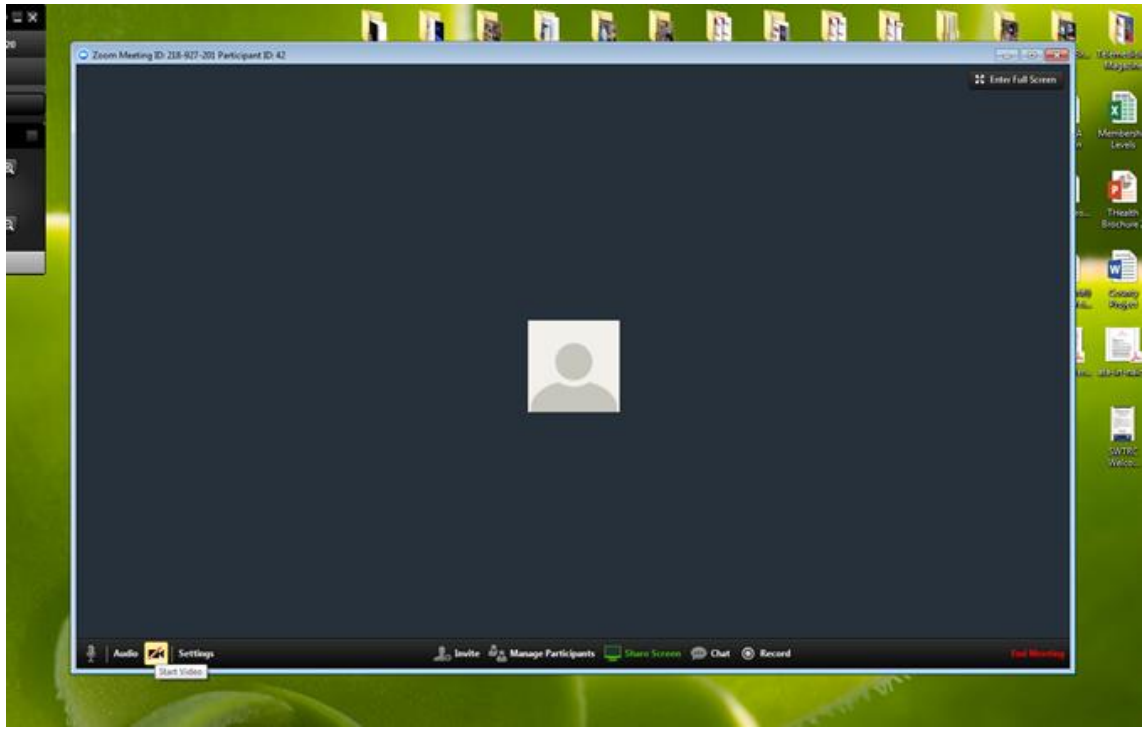
Mute / unmute your video



MUTE = ALT V

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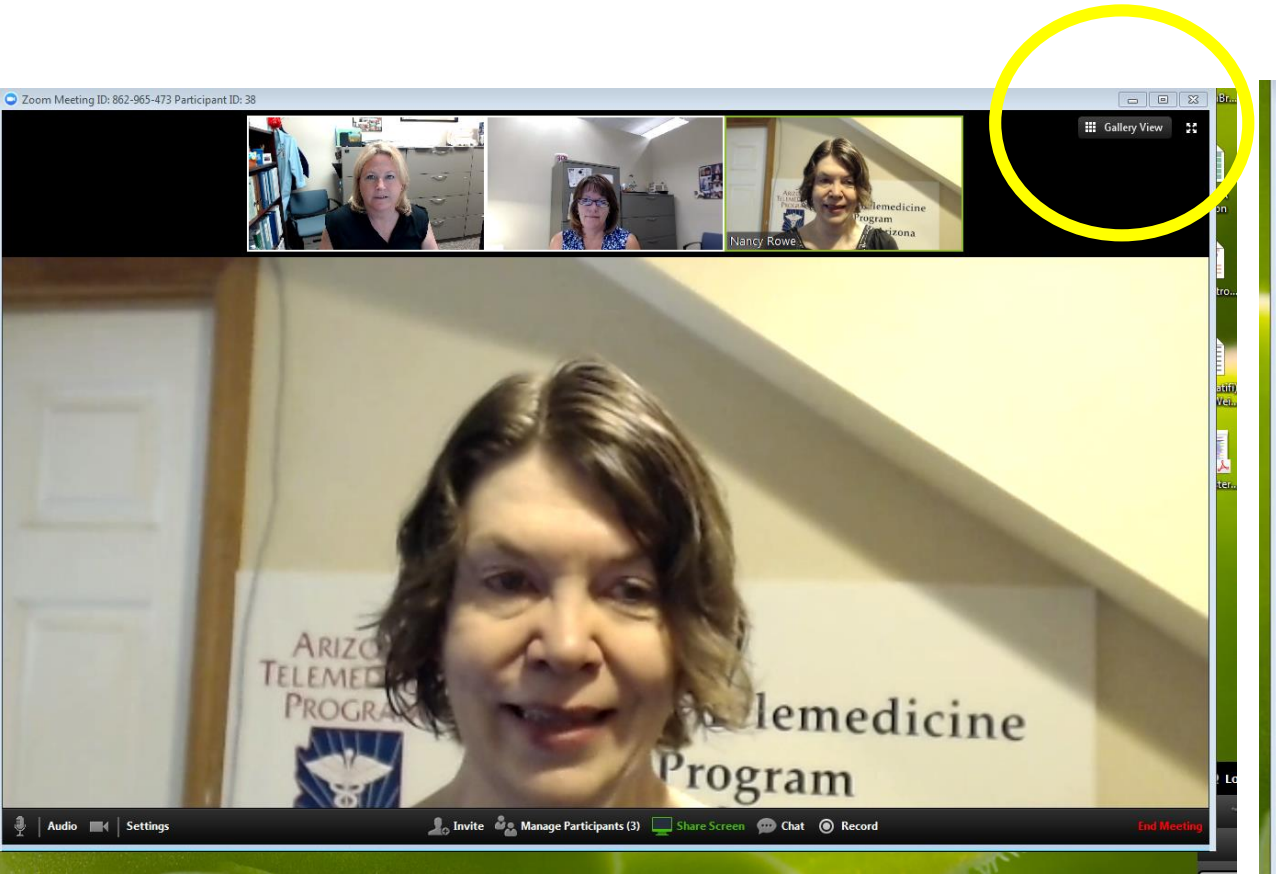
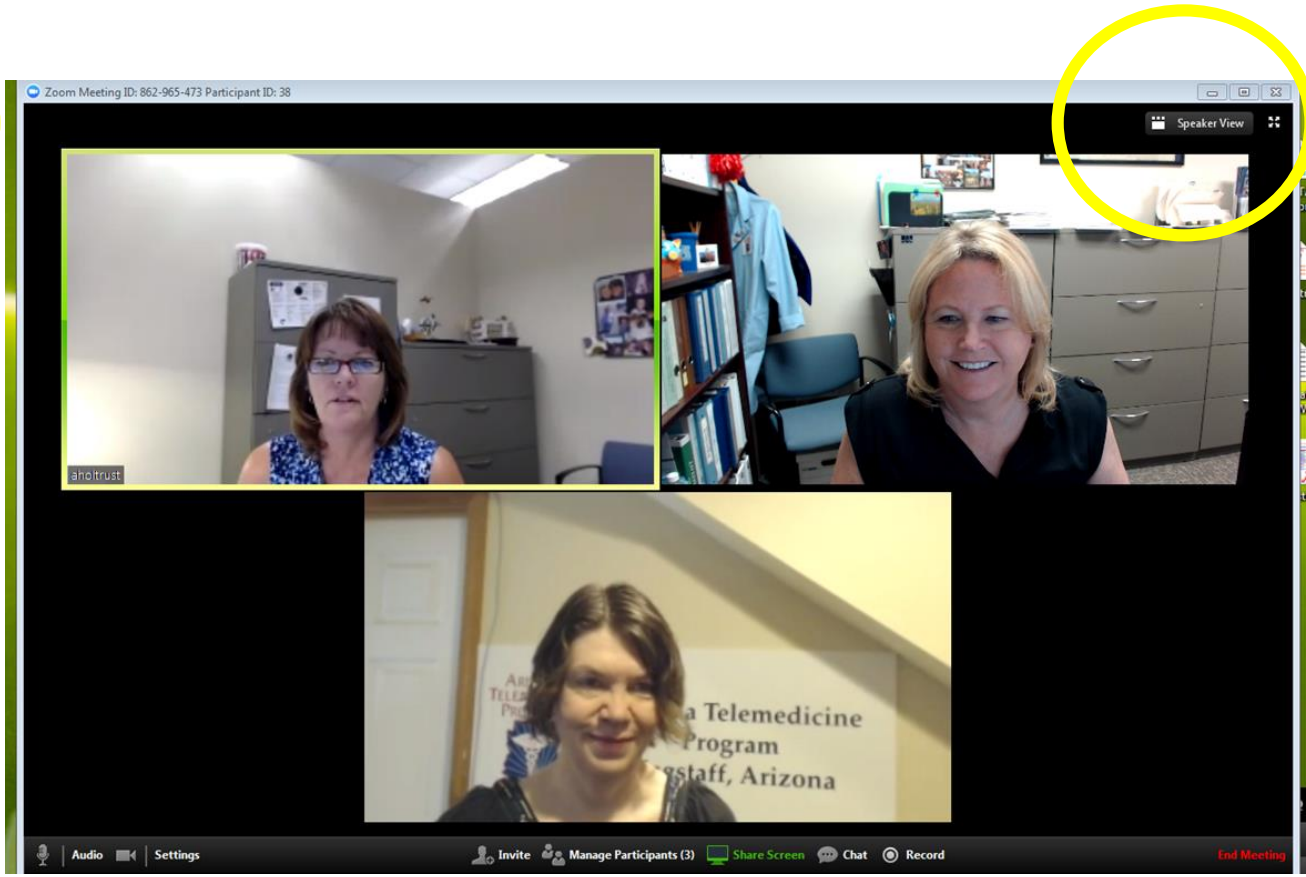
Speaker View or Gallery View





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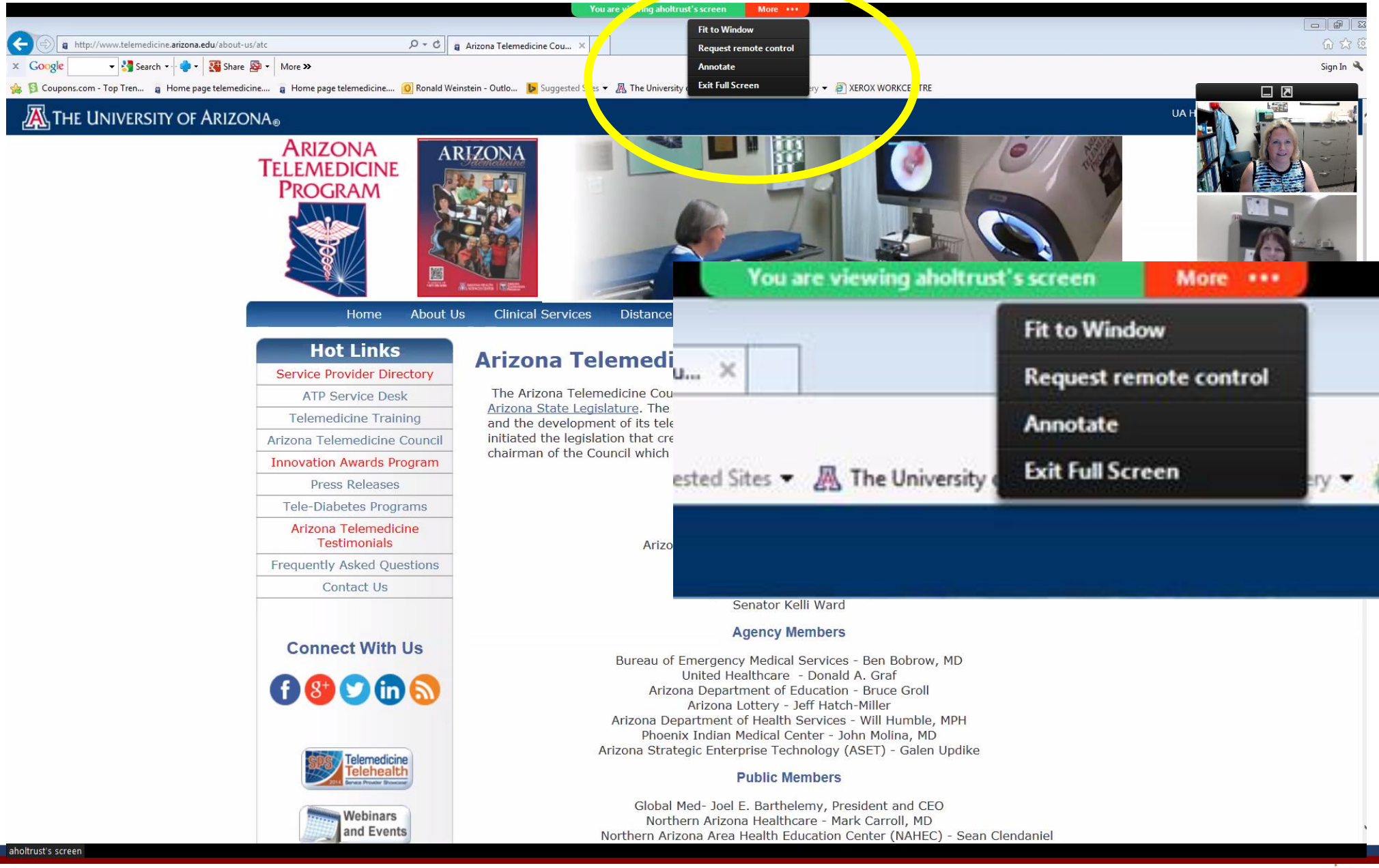

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IPads

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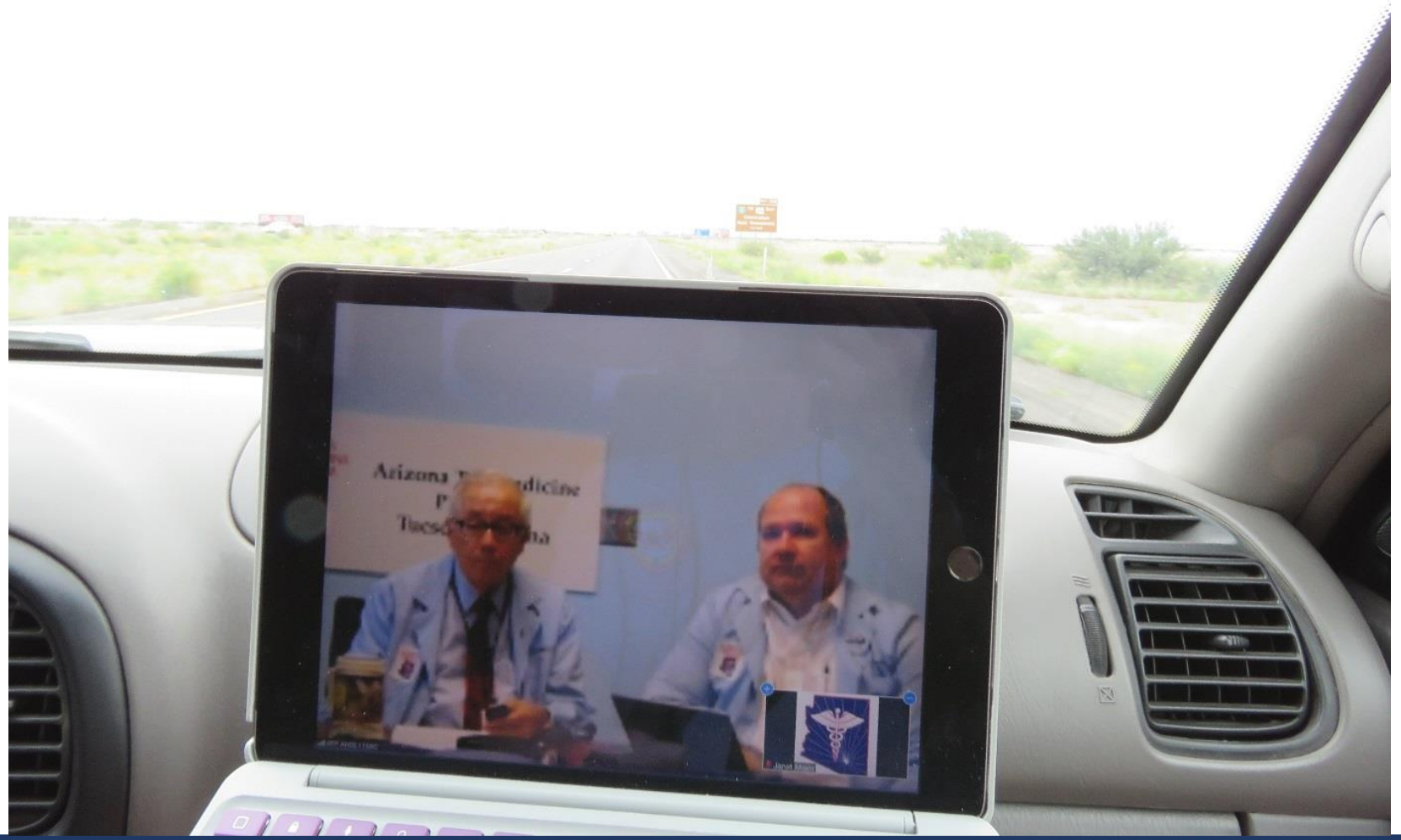

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Teleconferencing Tips

- wear appropriate clothing and jewelry
- be aware of your body language
- use an agenda and facilitate introductions
- develop protocols for questions
- be familiar with the equipment
- test all equipment in advance

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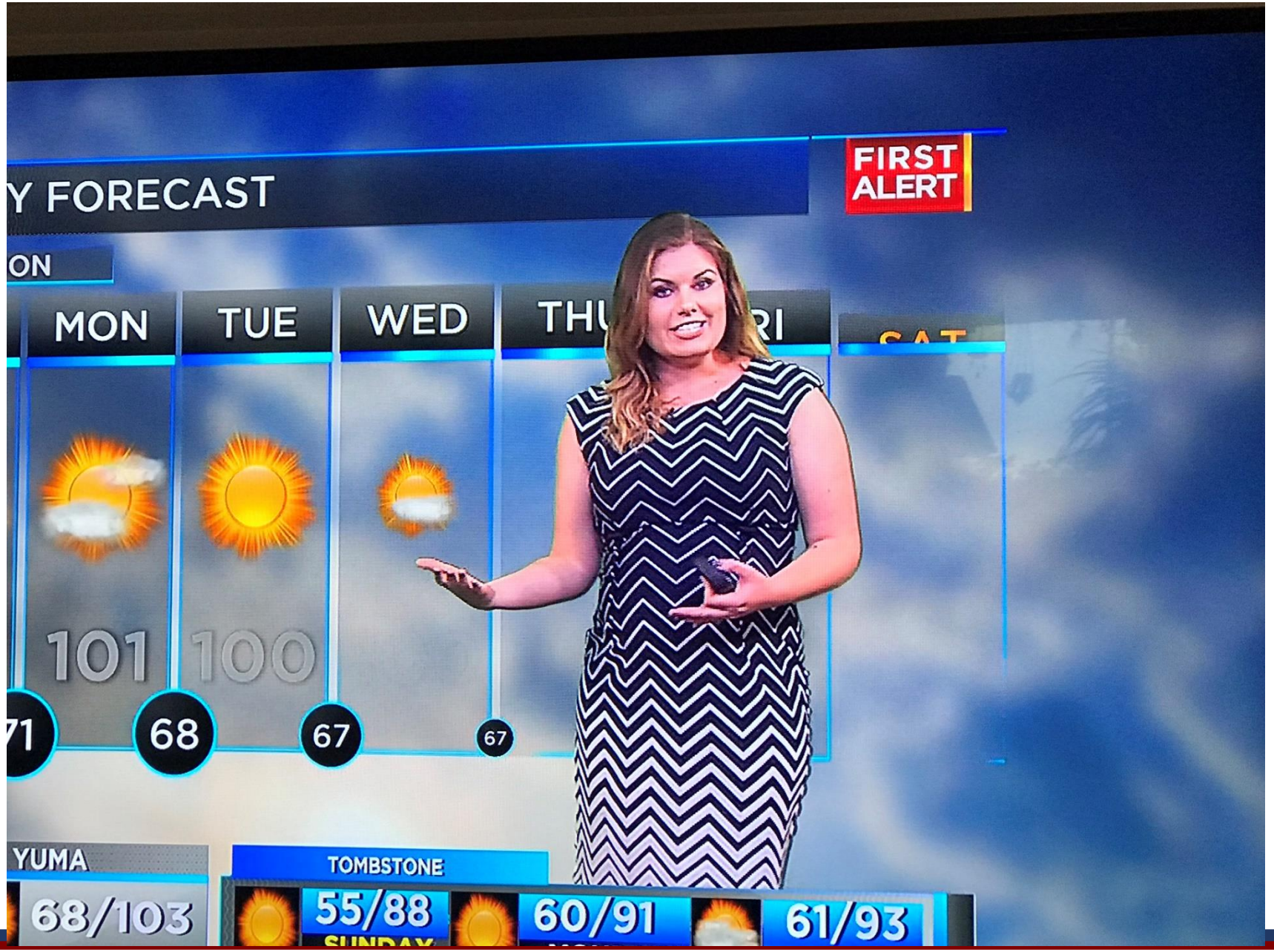

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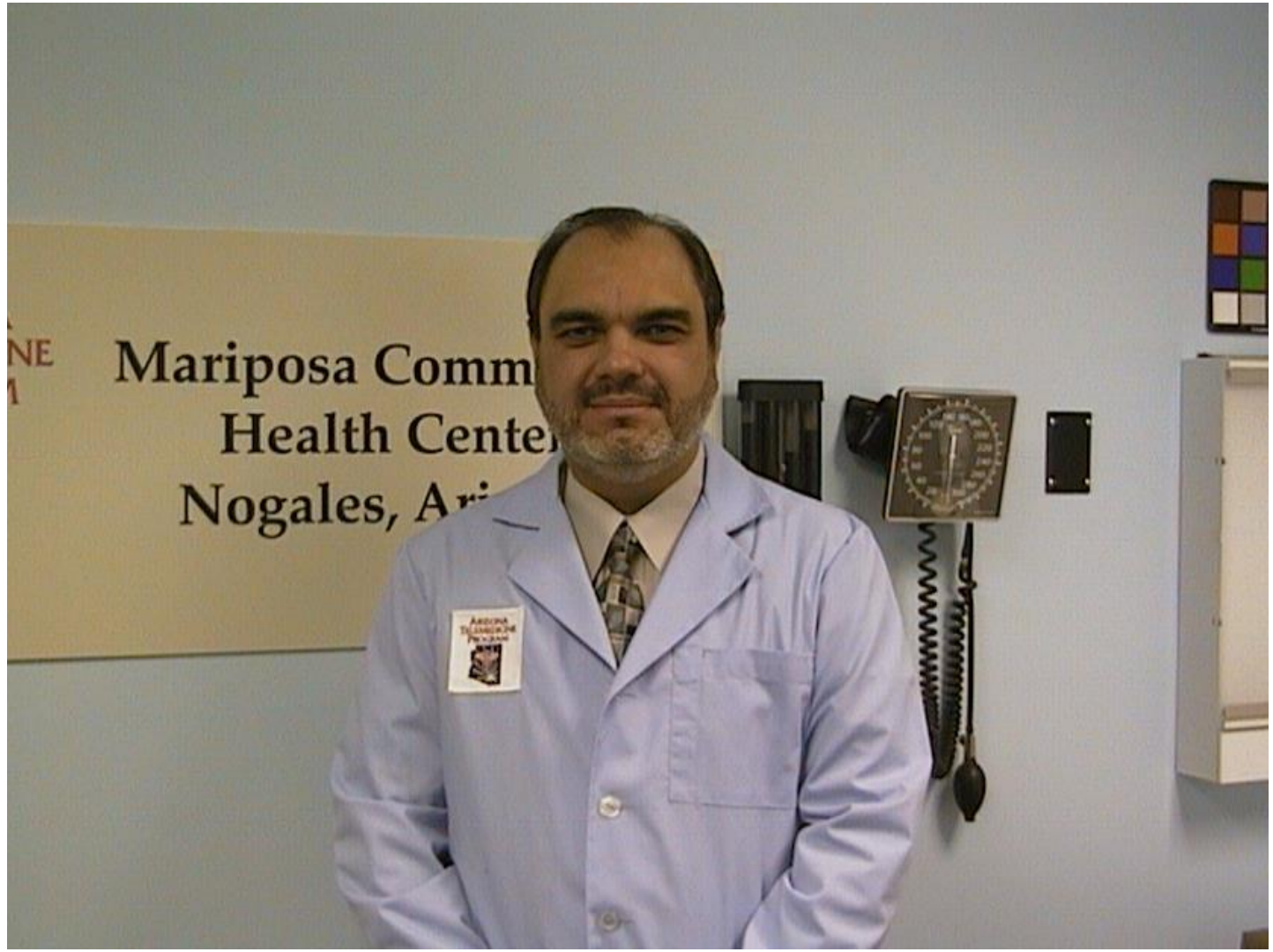
Mariposa Comm
Health Cente
Nogales, A

Jay's Favorite Greenscreen shot "Take your daughter to work day!"

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Educational Materials

- send in advance whenever possible
- suggest powerpoint from a computer
- use 24 point font or greater
- use fonts like Arial or Times New Roman
- use a medium blue background with white or yellow font (high contrast)
- use a document camera for 3-D objects
- don’t use red

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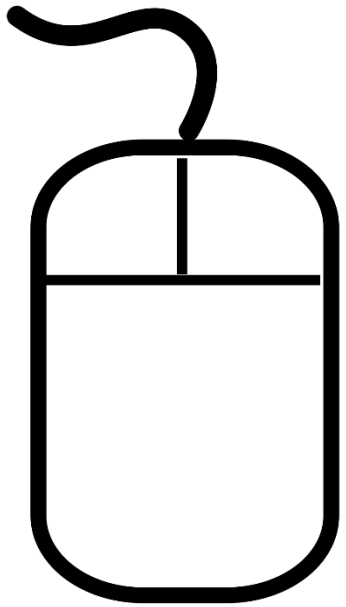
Remote control = mouse!



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Be Interactive

- Journal Club
- Pass the Laserpointer
- EKG Bingo
- Team Competition
- Small Group Discussions
- Use photos, nametags or a namelist
- Use Multi-point and PIP options
- don’t be just another talking head

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Whiteriver Hospita
Whiteriver, Arizon

Native American Cardiology Program
Distance Education "EKG Jeopardy"

Dr. Eric Brody - Tucson

Students – Phoenix Indian Medical Center

Dr. Eric A. Brody received the 2005 Excellence in Teaching Award from the USDLA

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EKG JEOPARDY

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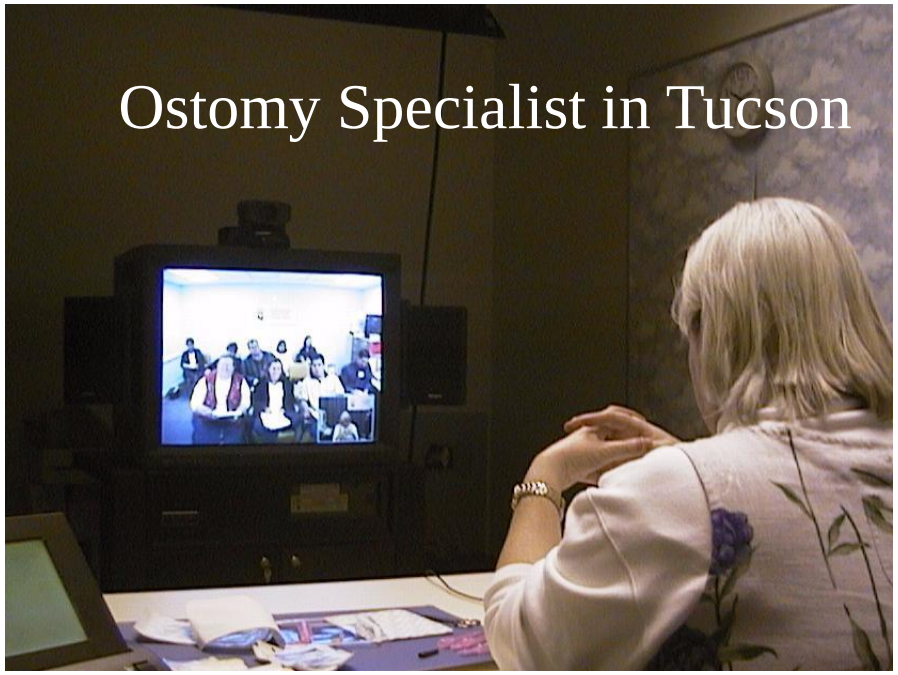
Wound Management Workshop

Healthcare Professionals in Douglas



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Think of yourself as a politician…assume that your microphone is always ON.

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microphones

- Require the ability to easily to turn on/off
- Laptop mics and cameras can be adequate but you absolutely have to be able to control on/off quickly
- Echo cancellation is necessary for two-way communication
- Multi-Point events need testing and practice
- Just one open microphone can make or break the conversation or crash a good time!

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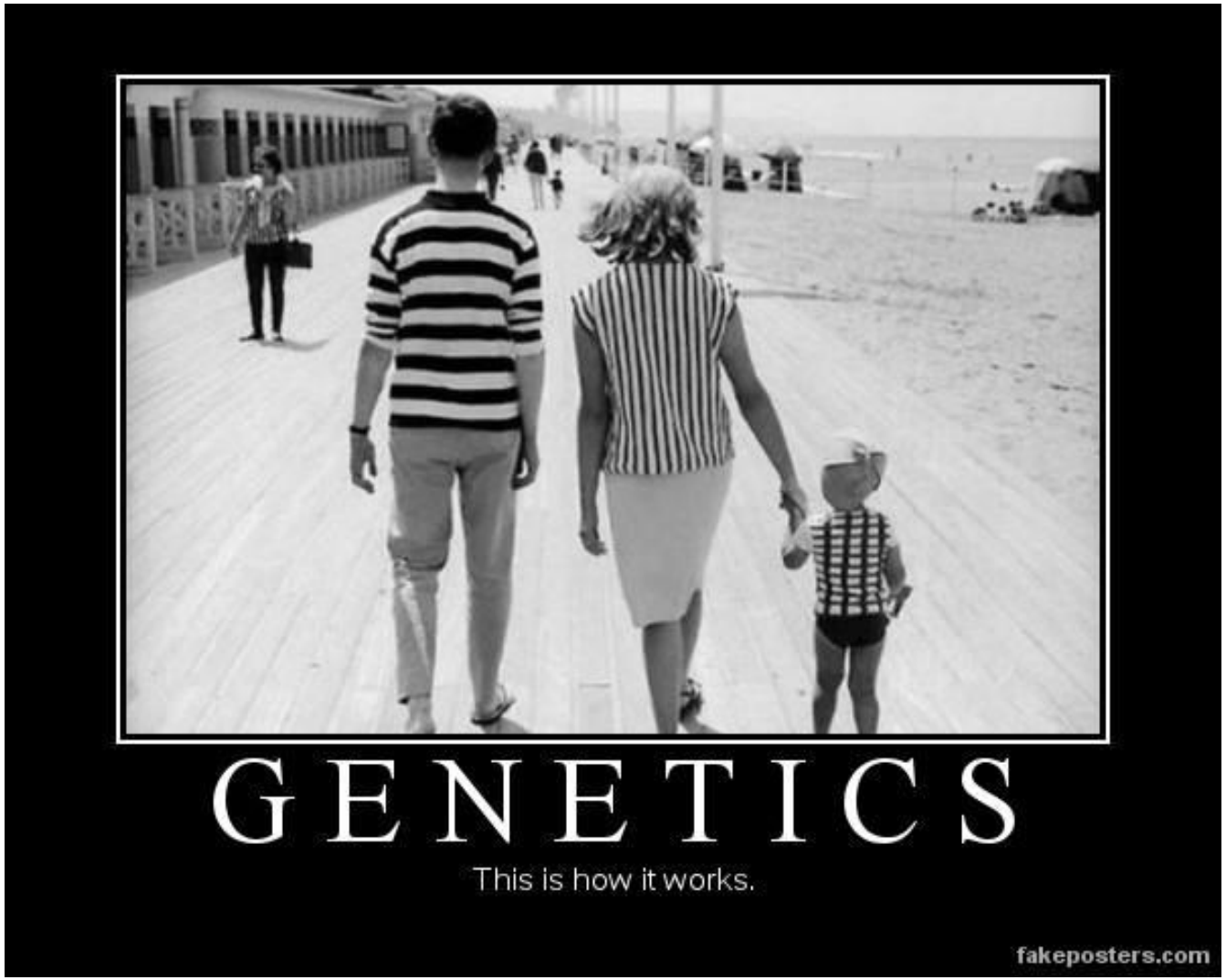

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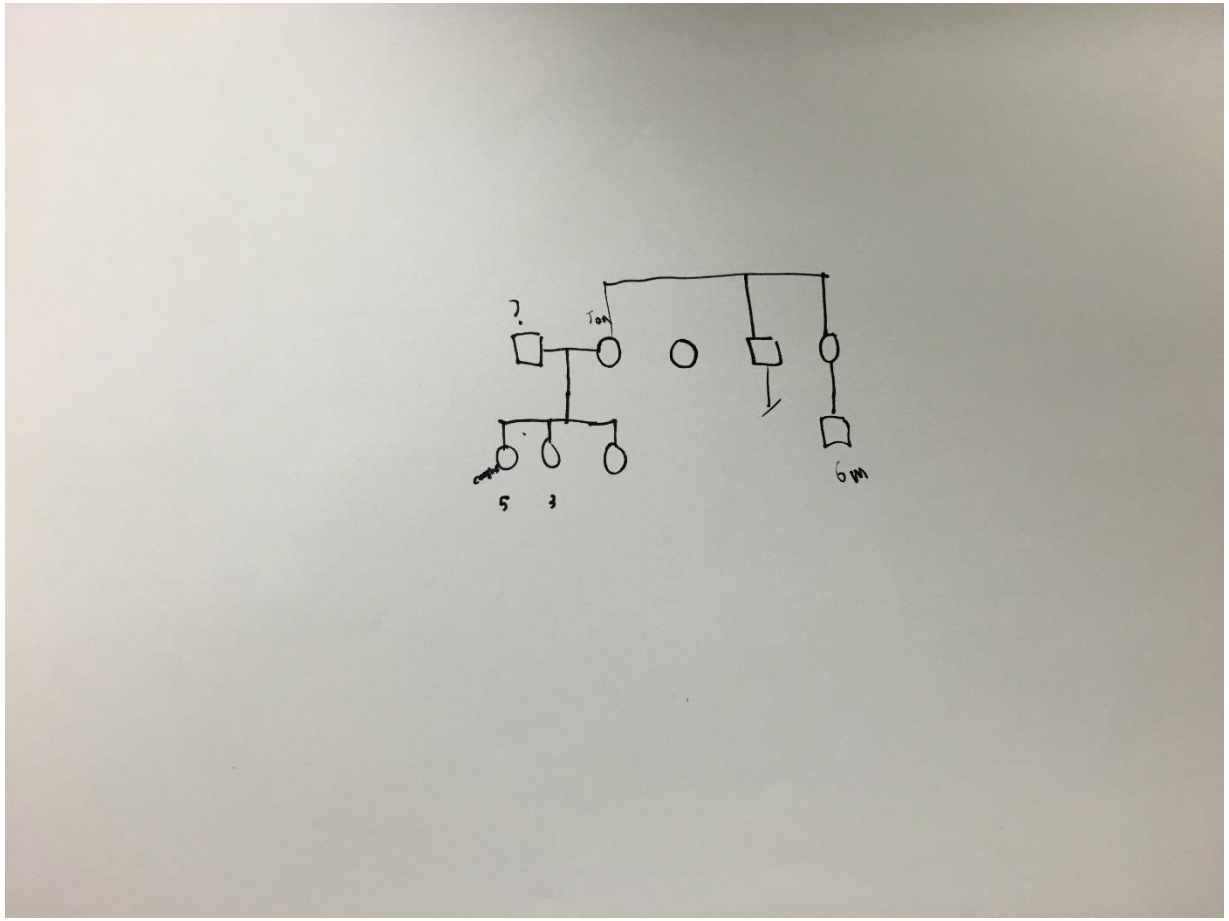
Telegenetics



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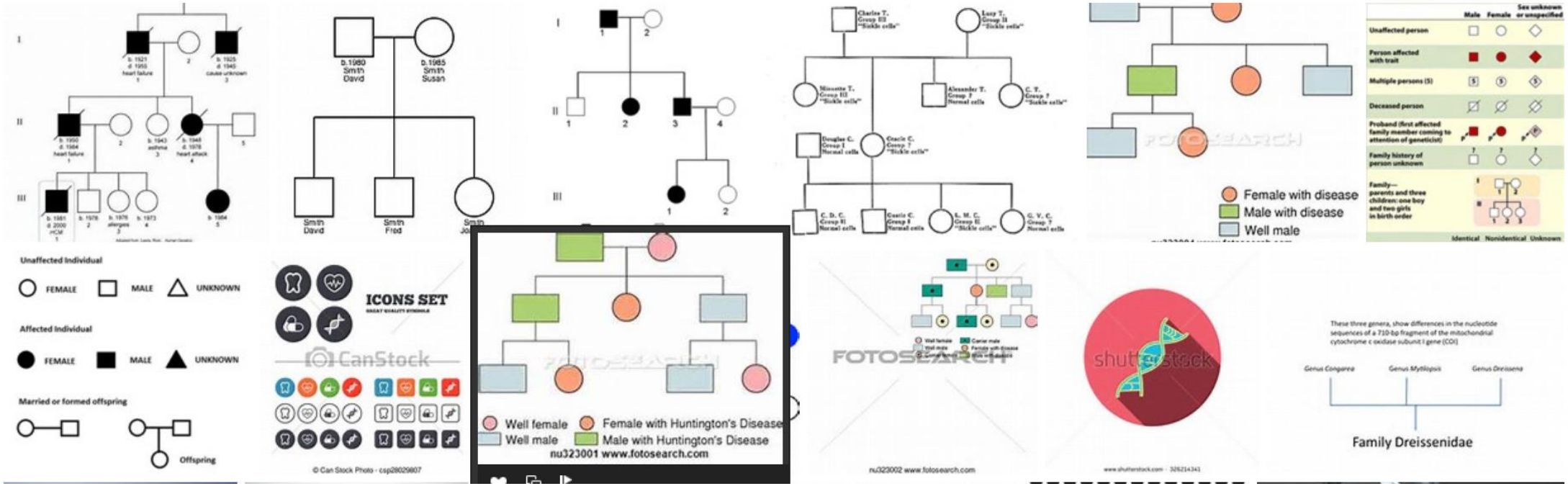

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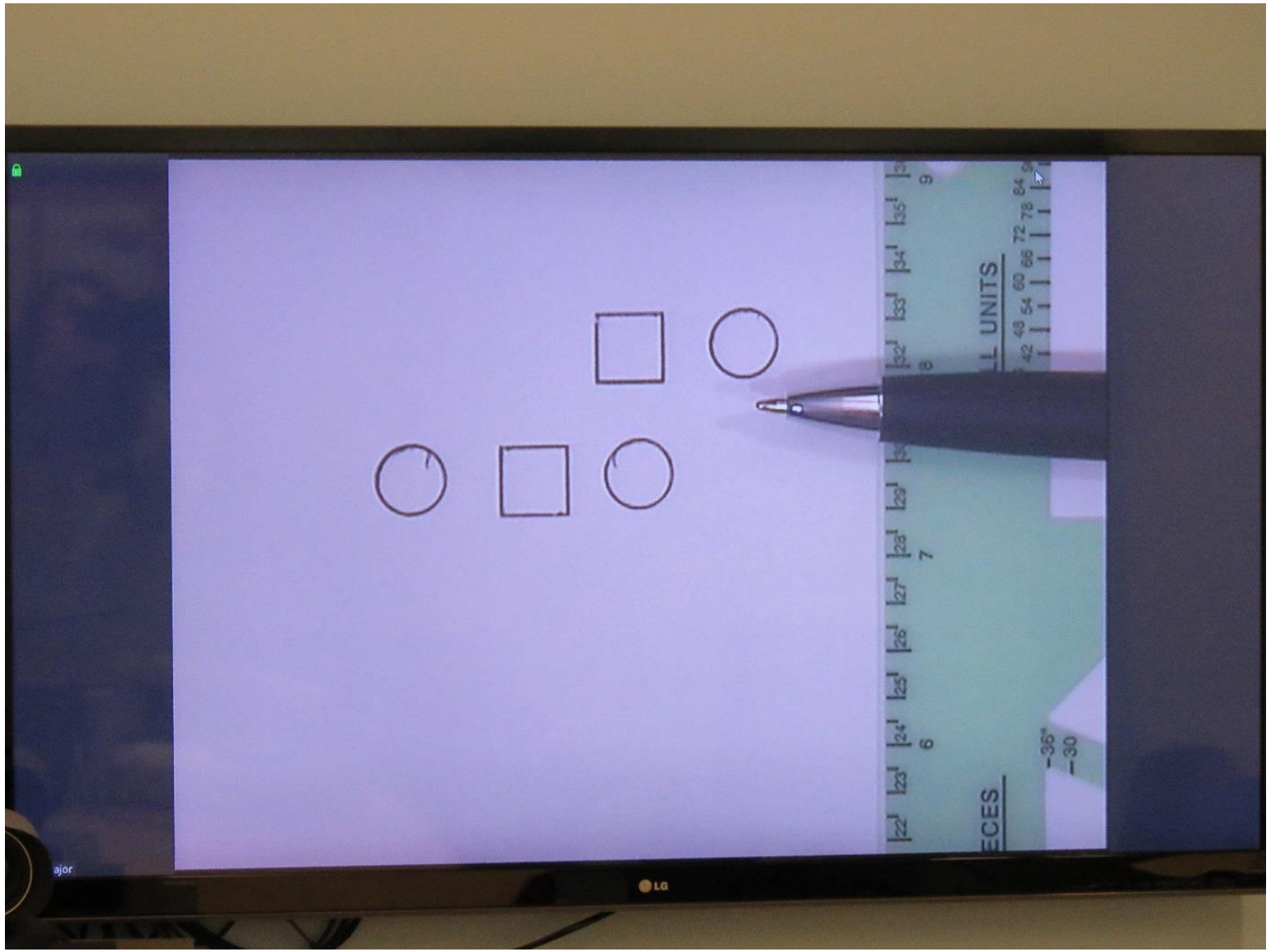

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Hands-on!

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The Story of Eli Coli

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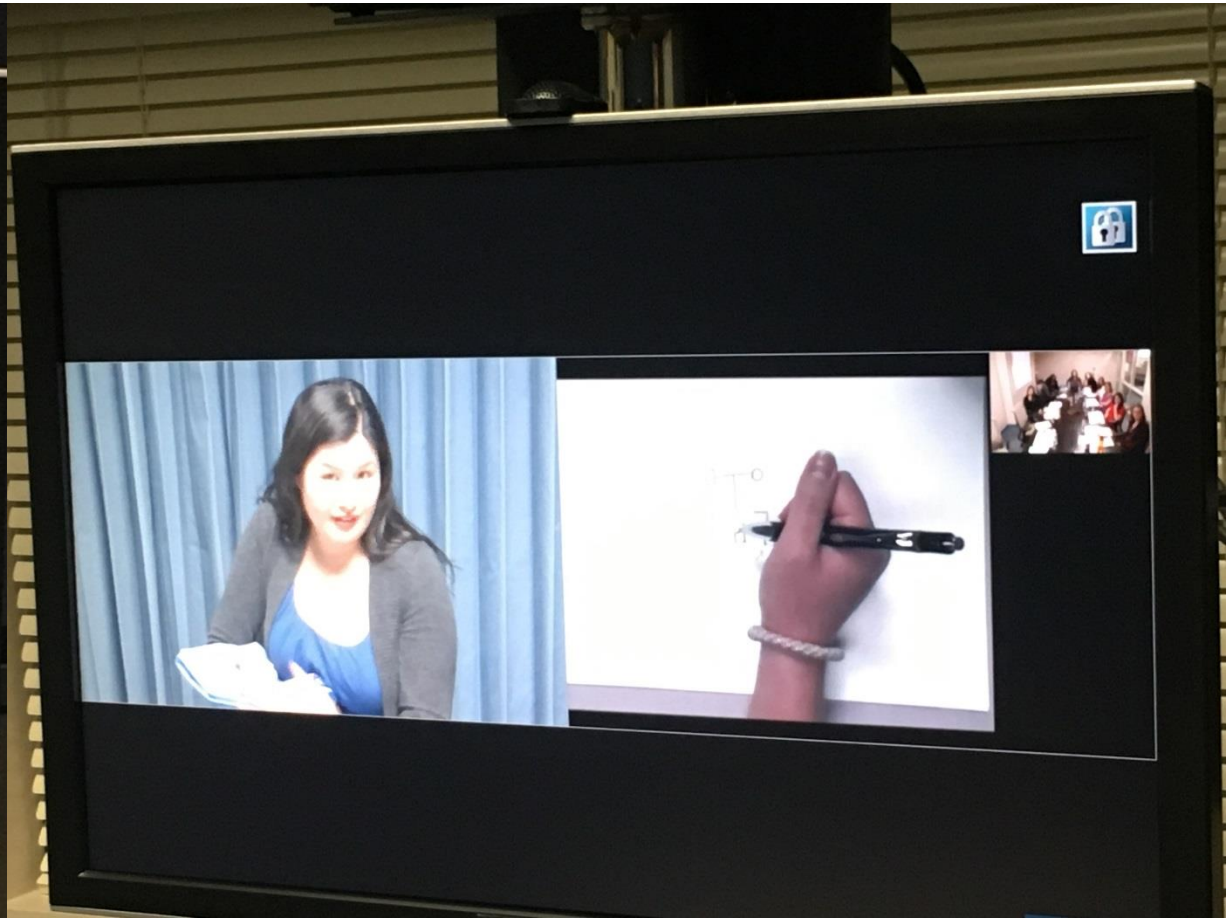

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Telegenetics Training
Tuesday August 2, 2016 Tucson, AZ

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To be a good telepresenter you must be a good communicator.

- verbally
- non-verbally

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Cultural Diversity = having different cultures respect each other's differences.

- Age
- Language - ACA in Spanish, VIDA in Spanish, consent forms in Navajo, sign language and translations/interpreters
- Geography and Economy – sheep herders, copper miners
- FOOD – what's the best flour for making tortillas?
  Using technology to maximize the work of Certified Diabetes Educators OR Genetic Counsellors in your state!

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https://aztelemedicine.zoom.us/recording/play/XIB8_ixW8XffKfWS3XsI7zG6kSdMo67oSYo1NZZMGoZgzHlBjUkak4HZYvuAx5IO?continueMode=true

Video Interpretation Demo

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