



# **Arizona Telemedicine Program**

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Associate Director for Innovation
& Digital Health
Arizona Telemedicine Program
Southwest Telehealth Resource Center

# Technology for Telehealth

- Resources/where to shop
- Tips on How to shop
- Network and interview who has been doing what – with what!
- Ease of use/training protocols/end user
- Pricing
- Network support
- Contractual agreements/licenses/maintenance fees
- Efficiency?



#### **Telehealth Technology Resources**

Arizona Telemedicine Program

Telemedicine & Telehealth Service Directory

Southwest Telehealth Resource Center

National Telehealth Resource Centers

ATA American Telemedicine Association

**USDLA United States Distance Learning Association** 

University of New Mexico Center for Telehealth

**Project ECHO** 

ATP Project ECHO

**UNR Project ECHO** 

CO ECHO

TTAC Telehealth Technology Assessment

Resource Center

www.telemedicine.arizona.edu

http://telemedicine.arizona.edu/servicedirectory

www.southwesttrc.org

www.telehealthresourcecenter.org

www.americantelemed.org

www.usdla.org

http://hsc.unm.edu/community/telehealth/

http://echo.unm.edu/

http://telemedicine.arizona.edu/echo/

https://med.unr.edu/echo

https://echocolorado.org/

www.telehealthtechnology.org





# www.telemedicine.arizona.edu/webinar 2022 DURING Telehealth Awareness Week September 18 – 24, 2022



The Arizona Telemedicine Program, the Southwest Telemedicine and the mHealth, Technology & Distance Learning Special Interest Group of the American Telemedicine Association invite you to a free webniar to review the telemedicine and telebealth technology recently exhibited at the American Telemedicine Association's 247d Annual Telemedicine Action (Endes Montal Anual Telemedicine Metring & Trace Show ATA 2018

#### Webinar

Thursday, August 9, 2018  $\sim$  12:00pm Arizona Time (12pm PDT; 12pm Arizona; 1pm MDT; 2pm CDT; 3pm EDT)

"ATA 2018 Exhibit Hall Technology Review"

#### Learning Objectives:

- Review some of the current trends observed at the annual signature event for telemedicine technology
   Take a virtual tour of the ATA 2018 Exhibit Hall & Showcase at the Chicago Convention Center.
- Take a virtual tour of the ATA 2018 Exhibit Hall & Showcase at the Chicago Convention Center.
   Learn who and where you can go to get access to the best resources in telemedicine and telehealth



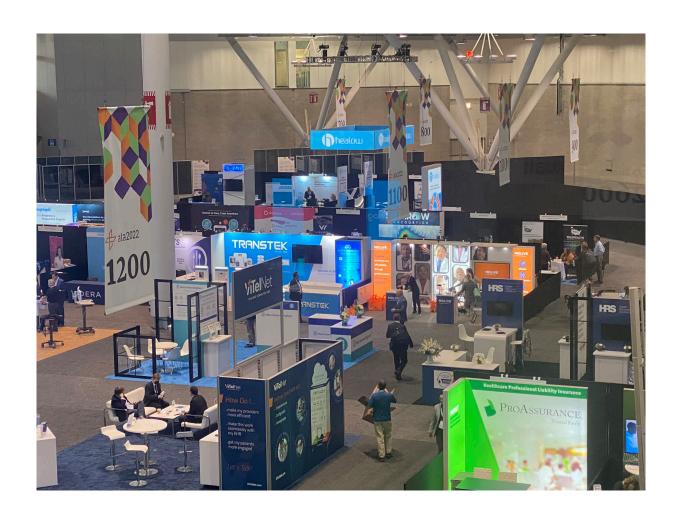
Janet Major is the Associate Director of Facilities for the Azimon Telemedicine Program (ATP). See searable for 5. Degree in Telecommunications from Northern Azimon University with her major emphasis in producing and directing. She has worked at the University of Azimon for 30 years and was initially the primary manager of videoconferencing services at the Azimon Bladth Sciences Center. She has since been employed by ATP for 20 years. As Associate Director of Telemedicine Education & Facilities, her current responsibilities include the design, development and mitalilation of the telesconferencing and telemedicine peripheral equipment used for telemedicine services. She also provides training to beathcare professionals in the effective use of beleconferencing for both clinical and educational applications. Mr. Major has served as Co-Char as well as Char for the artifacility, Technology & Distance Learning Special Interest Group of the American Telemedicine Association as services and the services of the services of the services of the services of the participation of the services of the services of the services of the participation of the services of the services of the services of the participation of the services of the services of the participation of the participation

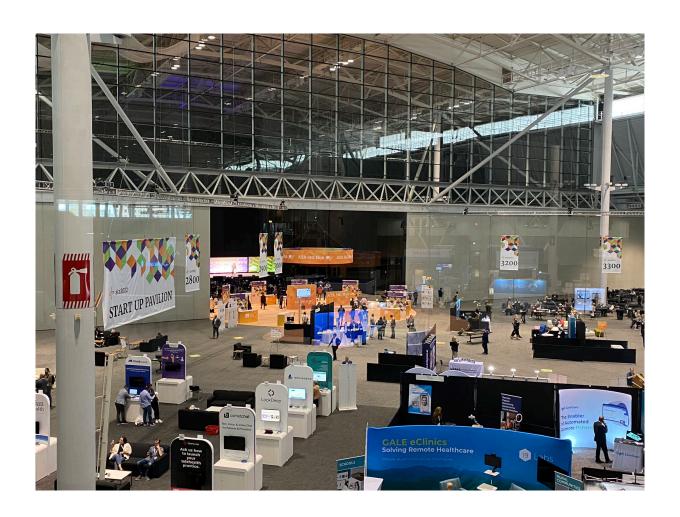
For more information and registration instructions please visit our website: http://www.telemedicine.arizona.edu/webinar

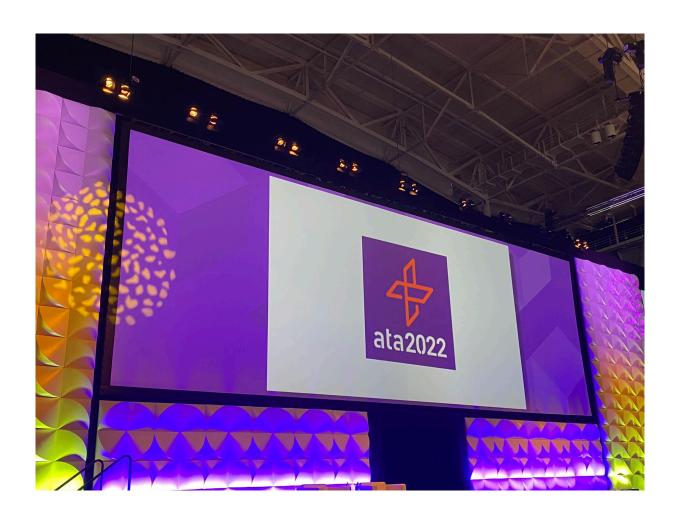




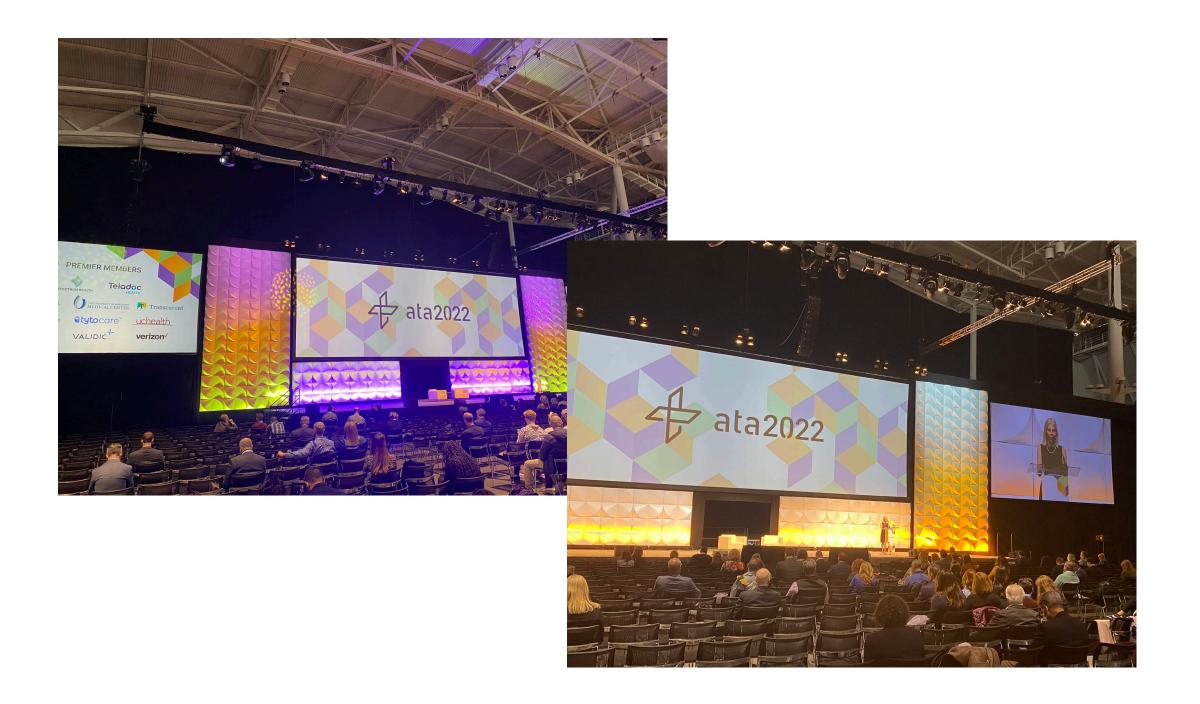














- Executive Spotlight
- CEO Spotlight
- Technology Spotlight









# ATA Technology Special Interest Group



Chair Jon Savage, DO

## Trends 2017, 2018 – 2019?



- Multi-purpose cameras
- Multi-purpose devices
- Cart of the year
- Stethoscopes
- Audio processing software
- More wearables
- More Robots
- More Box "to-go" with more varieties of end-users/applications
- Wall mounted systems
- Kiosks

# **Technology Trends 2019**

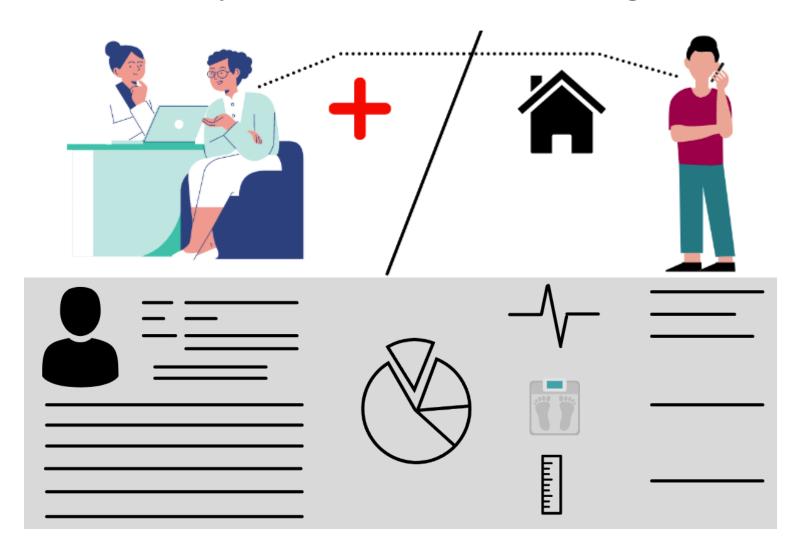
- Less by 20 25%
- One lonely Robot
- Less box-to-go systems
- More dental applications/technology
- Al and Virtual Companies





## 2022: The Year of RPM

#### What exactly is Remote Patient Monitoring?



### 2022

- RPM
- Gaming for Healthcare
- Behavioral Health
- Carts are not quite dead yet
- No "new" stethoscopes
- Kiosks are back!



# Amwell cart #prisons







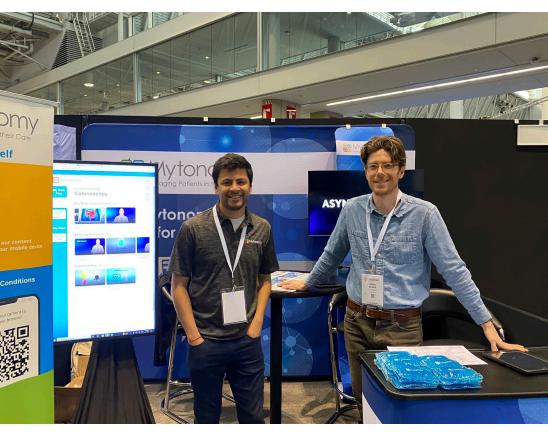


# New Company with a vision for business WWW.TELELANGUAGE.COM

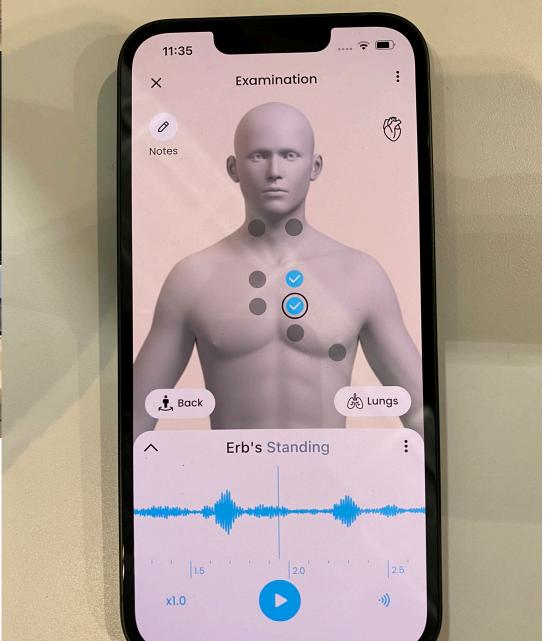


# App to engage patients in their care

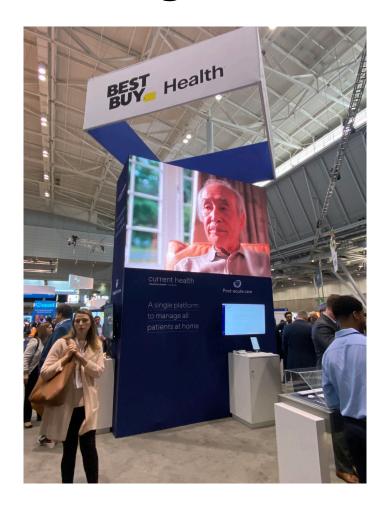






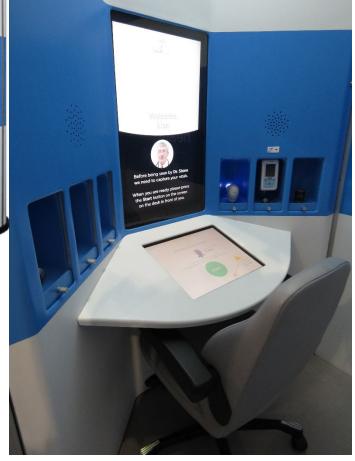


# Off the shelf consumer vital signs knock-off name = Insignia

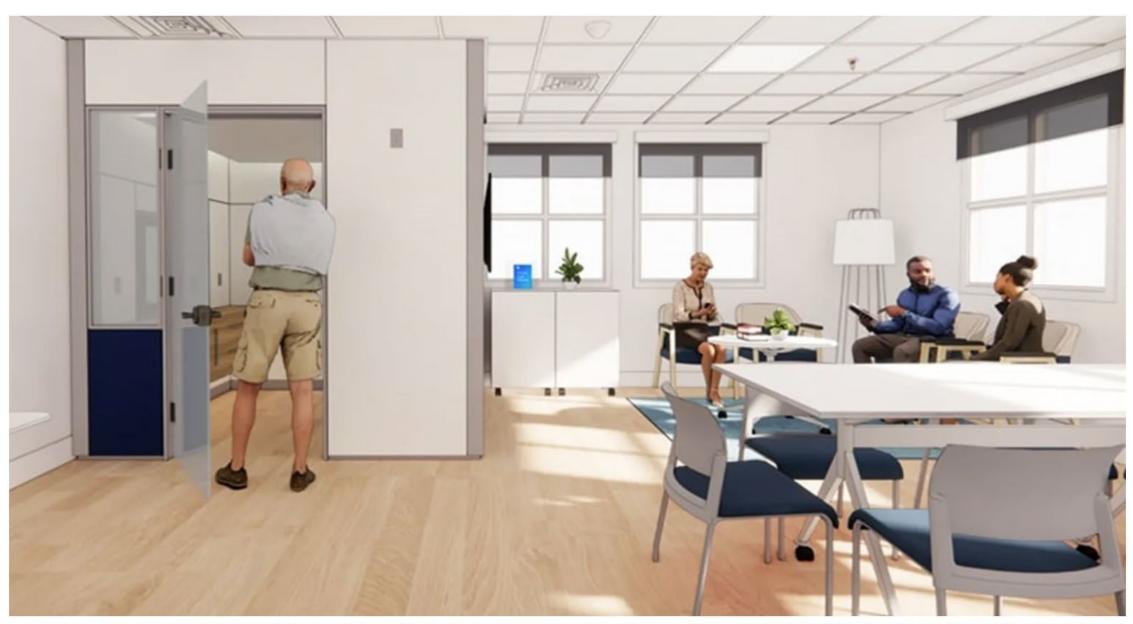


# KIOSKS



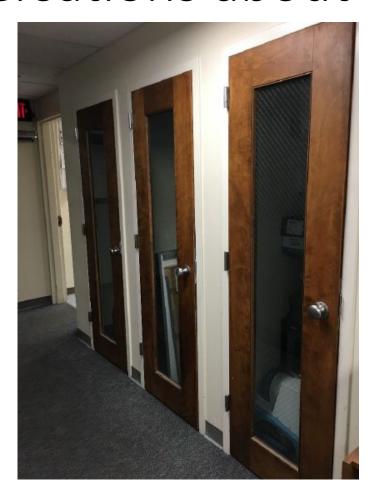






To promote the efficient use of telehealth, Philips Healthcare and Steelcase have developed a self-contained module providing a small space for virtual consultations that can be deployed to local community buildings. Rendering courtesy Philips Healthcare and Steelcase

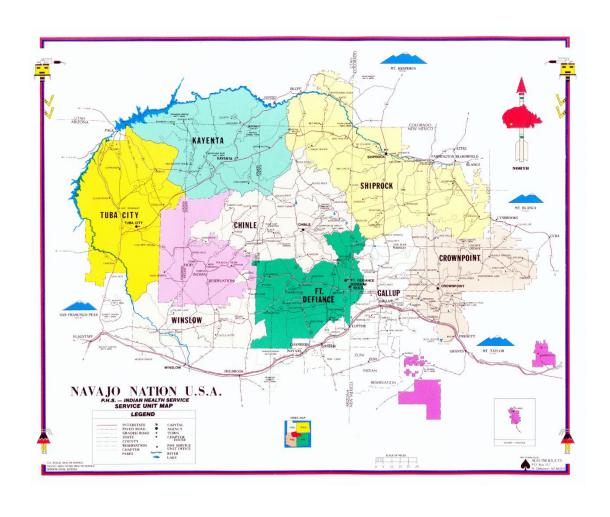
# Access to Healthcare in Public Places for Private Conversations about our Health





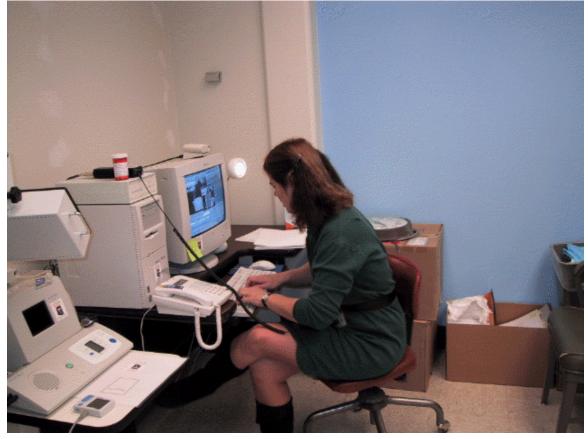


# Navajo Nation Chapter House (110)







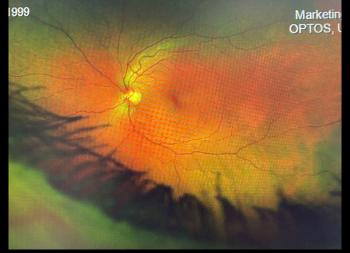










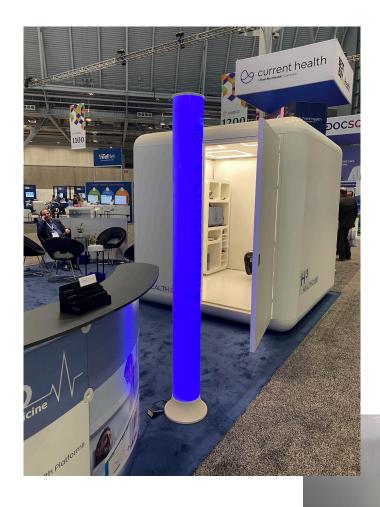


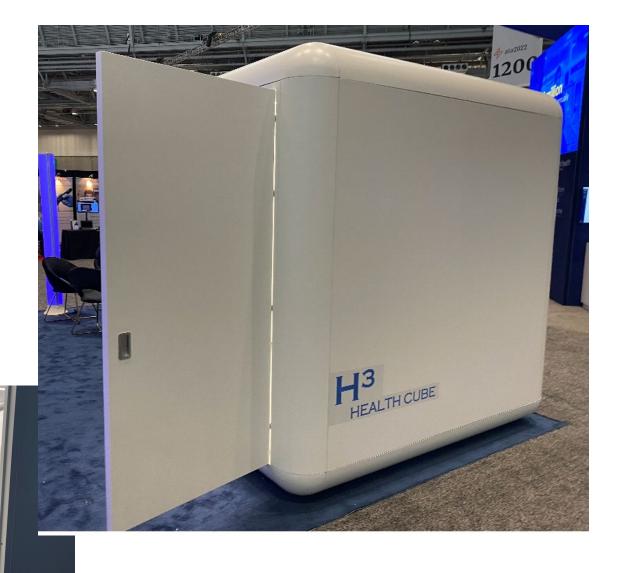
#### AZ Public/Private Partnership



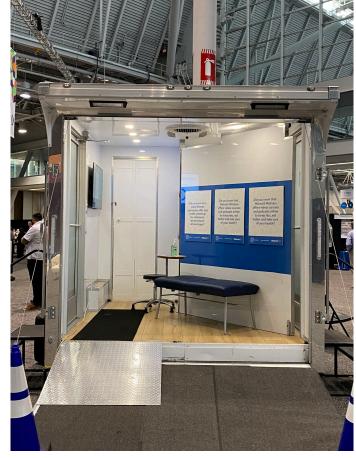
#### Modern Phonebooth









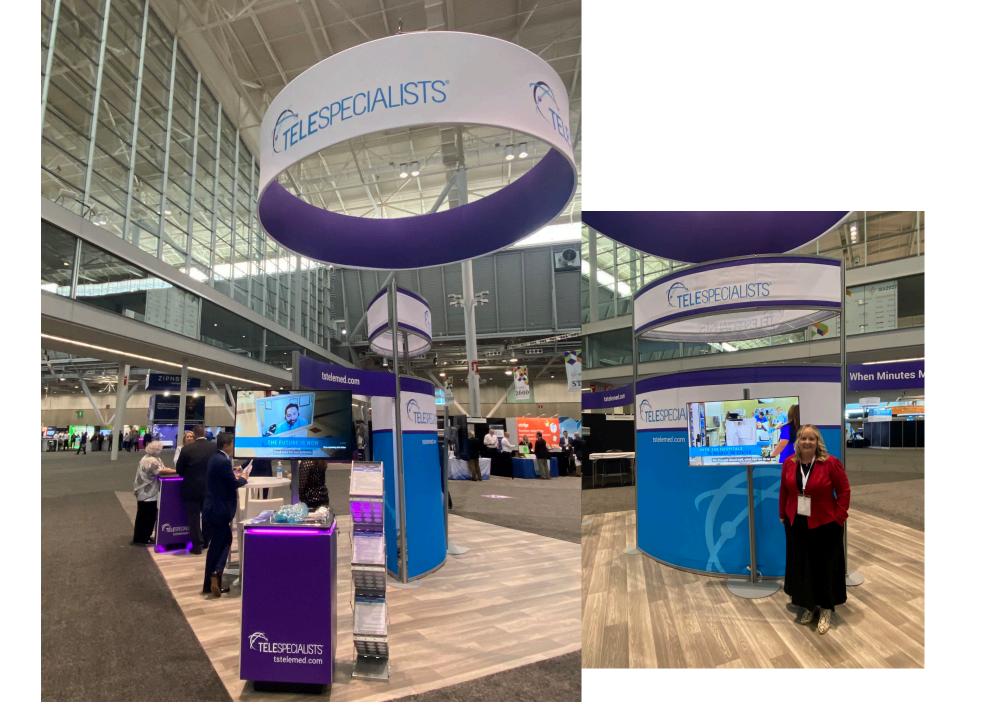


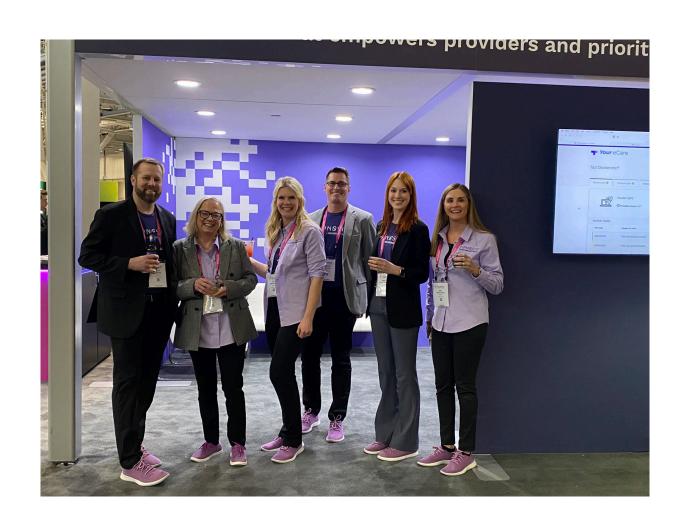
#### ElectroClave UV-C LED Sanitization of all device surfaces

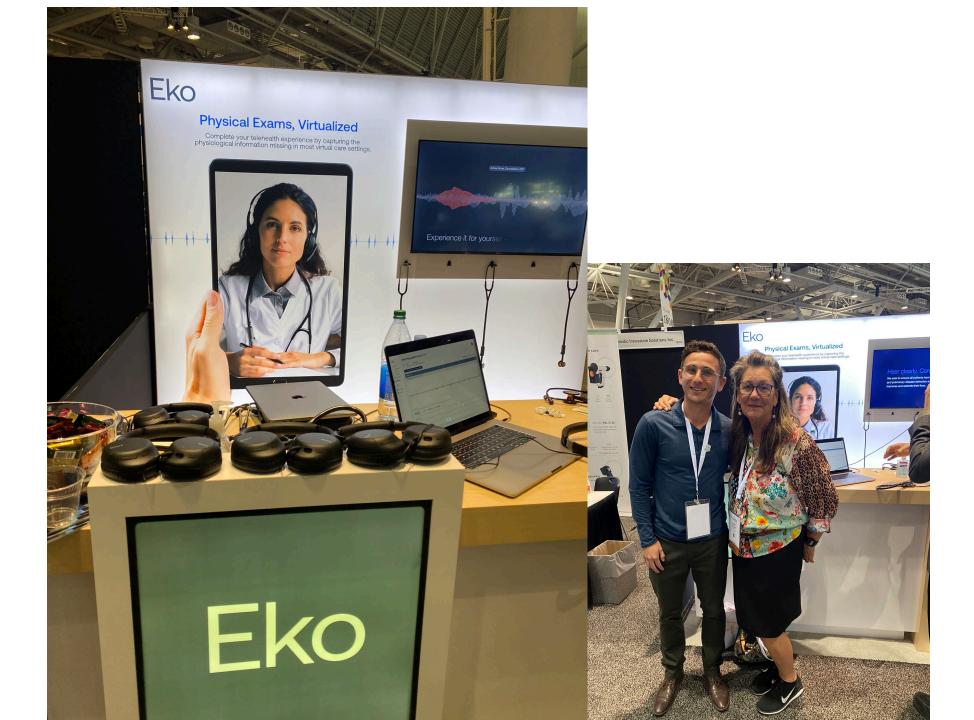




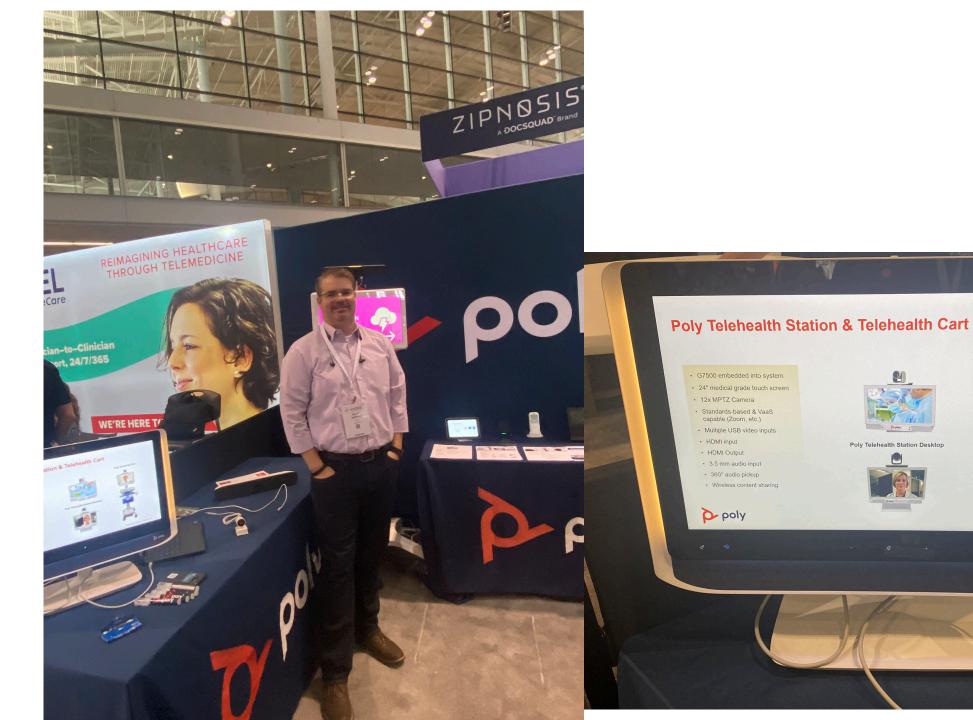
Sixty seconds cleans electronics devices Phones, tablets, peripherals but laptops do not fit Two shelf units Sells for 5000.00





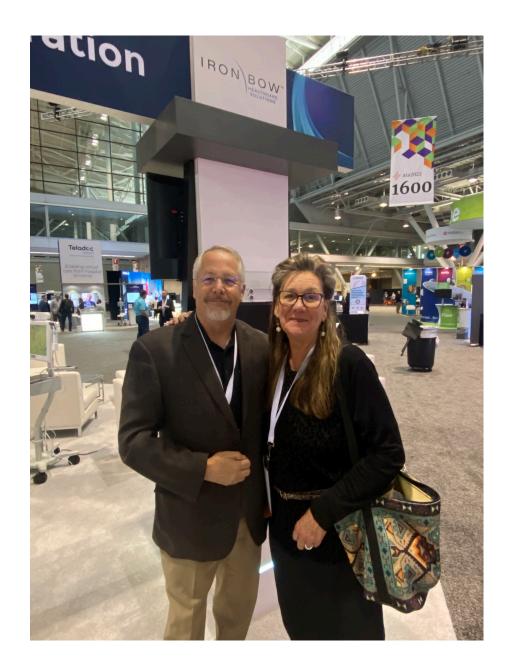






Poly Telehealth Cart

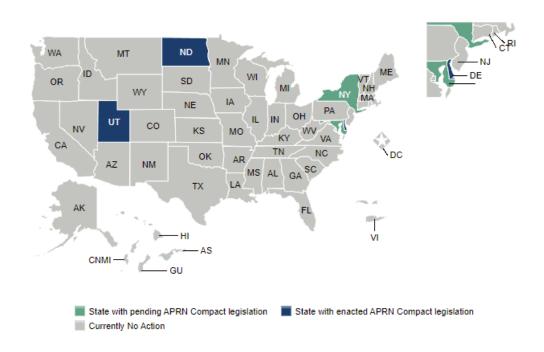








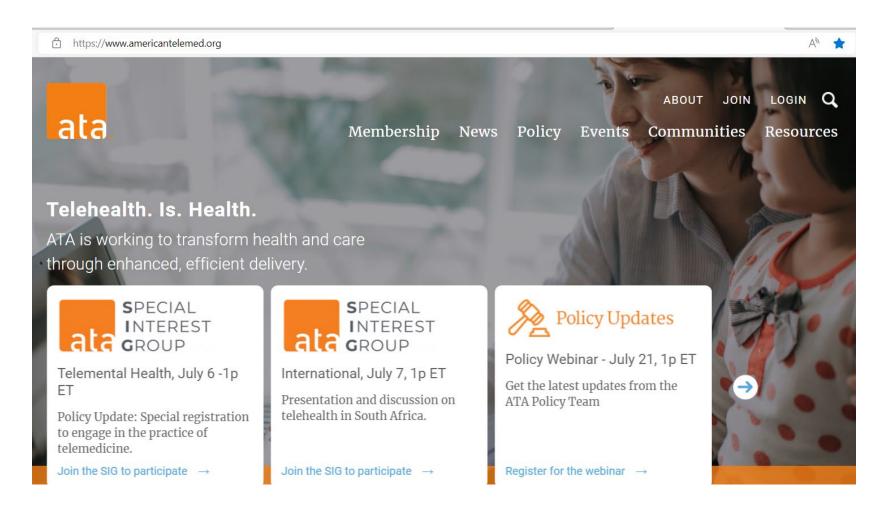
## Is your state moving forward with the APRN Compact?







#### Americantelemed.org



# ATA 2023 March 5 – 7, 2023 San Antonio, TX



The American Telemedicine Association's 27th Annual Conference & Expo is taking place March 5-7, 2023 in San Antonio, TX.

Join us at the world's largest telehealth innovation event as frontline providers, technology developers, business professionals and leaders from across the healthcare sector convene to have an in-depth, thoughtful, critical discussion about the future of virtual care. For sponsorship opportunities, contact <u>Melissa Park</u> or <u>Paul Samargedlis</u>.

Stay tuned for updates on ATA2023!

# TELEHEALTH LANGE AWARENESS

SEPTEMBER 18 - 24, 2022





## Libraries, Book Mobile, Schools, Mobile Health Units

State libraries and school libraries

Mobile Health Units from the County, UAZ, COPH, CHC's



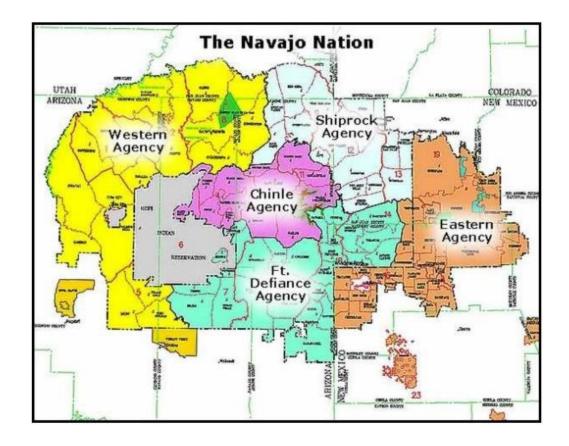
#### Mala Muralidharan

E-Rate Administrator for Public Libraries
Arizona State Library, Archives & Public Records

https://azlibrary.gov/







There are 18 chapters on the Western Agency of the Navajo Nation; currently 9 of the chapters have fiber connectivity and computers installed through the E-rate program. The project is ongoing, and more chapter houses are being connected each month. In the meanwhile, portable antennae can be used in the remaining chapter houses till fiber build out.





#### Library eRate project with 2 SAZ pilot sites

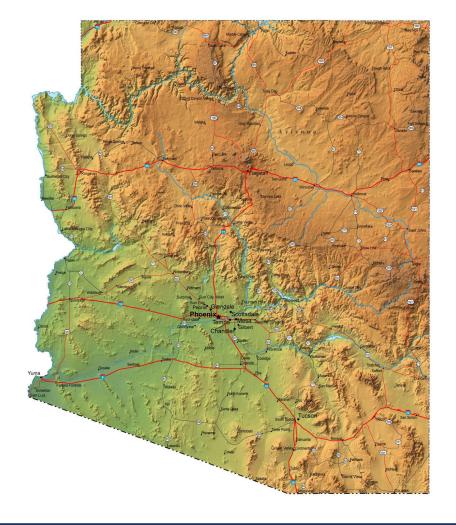
- Ajo
- Arivaca
- One dedicated room for telehealth
- One medical grade pop-up tent
- Community Events
  - Health Screening Events
  - How-to workshops with off the shelf technology
  - Diabetes Education
  - STEM/STEAM/Maker Events

Recruit and prepare the healthcare workforce of the future!





### #thearizonaway







#### **Arizona Broadband Development Grant Program Awardees: Rural Awardees**

- Apache County: Southern Apache County Regional Broadband Project
- Cochise County: City of Douglas and Cochise Community College
- Cochise County: Fiber Investment for West Willcox Rural Community
- Coconino County: Coconino County Project 4
- Graham County: City of Safford improved access to broadband internet
- La Paz County: La Paz County Altice
- Mohave County: Wecom AZ-EXTEND
- Mohave County: Mohave County Middle Mile Project
- Navajo County: Navajo County-WANRack
- Navajo County: Heber-Overgaard
- Pinal County: Kearny AZ FTTH/FTTB initial deployment
- Santa Cruz County: Patagonia Regional Broadband Project
- Yuma County: Yuma County Broadband Project
- Yuma County: City of San Luis Last Mile Project
- Urban Awardees
- Maricopa County: Fiber-to-the-Premise in Gila Bend, AZ
- Maricopa County: Surprise City Center and Heritage District
- Maricopa County/Yavapai County: Wickenburg
- Pima County: Expanded Broadband Access in Ajo, Arizona
- Pima County: Public Private Partnership for Three Points and Sycamore Springs
- Pima County: TOUA Pima County Sites

#### **Urban Awardees**

- Maricopa County: Fiber-to-the-Premise in Gila Bend, AZ
- Maricopa County: Surprise City Center and Heritage District
- Maricopa County/Yavapai County: Wickenburg
- Pima County: Expanded Broadband Access in Ajo, Arizona
- Pima County: Public Private Partnership for Three Points and Sycamore Springs
- Pima County: TOUA Pima County Sites

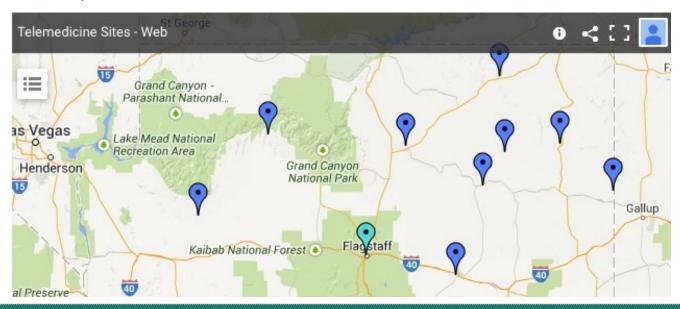






Thank You, Merci, Gracias y CIAO! jmajor@telemedicine.arizona.edu

# Flagstaff Medical Center https://nahealth.com/telemedicine



#### Care Beyond Walls and Wires: In-home monitoring

Using remote monitoring tools, this program is designed to improve the quality of life for people with chronic health conditions, helping patients and families get the care they need without leaving home.

With daily access to information including blood pressure, weight and symptoms of illness, care teams and patients can co-manage treatment plans. It's also possible to detect changes in a patient's health status early on and intervene at the right time to avoid unnecessary travel and hospital care.

## "Care Beyond Walls and Wires": In-Home Monitoring YouTube Videos @www.youtube.com

https://www.youtube.com/watch?v=qHXGRDtdjuc

Four Corners - Navajo Area

