ARIZONA TELEMEDICINE PROGRAM

SOUTHWEST TRC TELEHEALTH RESOURCE · CENTER™

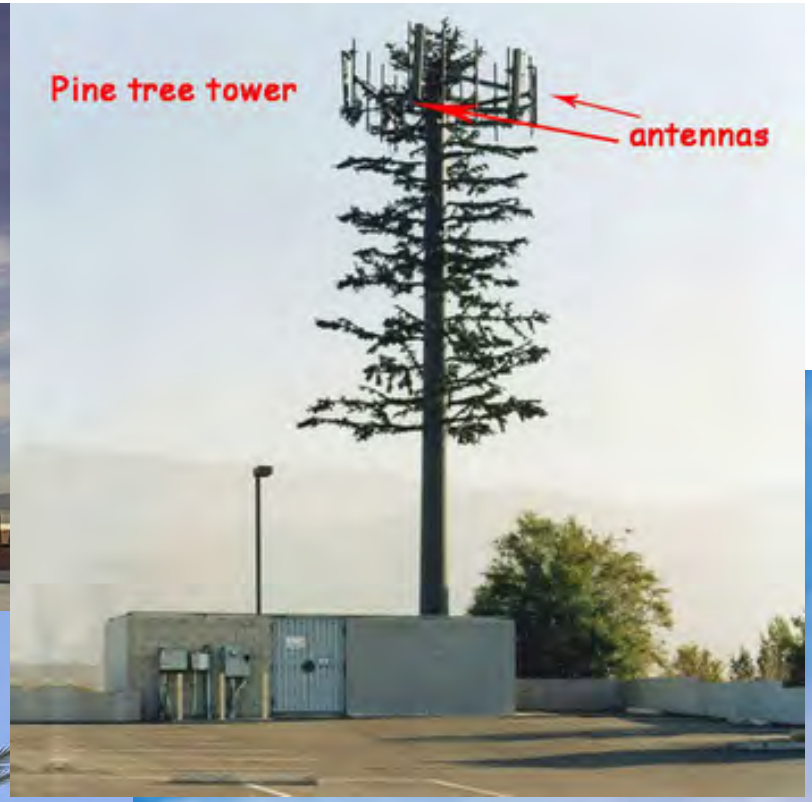
Recruiting & Training the Healthcare Workforce of the Future

Janet Major, BS
Associate Director, Education & Facilities
Distance Learning Outreach
Arizona Telemedicine Program & Southwest Telehealth Resource Center

Distance Learning

- Same Challenges in terms of credentialing and reimbursement
- Challenges solved legislatively , state by state or nationally
- Compacts have resolved some issues and have increased collaboration amongst states
- Not all schools are accredited in the world of DL
- EVERYone needs to be or is now an online expert!

BYOD plus BYON – Bring your own Network


Pine tree tower
antennas

SCHOOL BUS

Technology
+
Telecommunications
=
Telehealth/Telemedicine
=
Distance Learning

Best Practices for Health Education

- Clinical Events
- Educational Events
- Events which are both!
  - i.e., diabetes
  - ECHO
  - TeleGenetics

Blessing Way & White Coat Ceremony

mHealth, Technology & Distance Learning Special Interest Group of the ATA

aka: mH, T & DL SIG/ATA

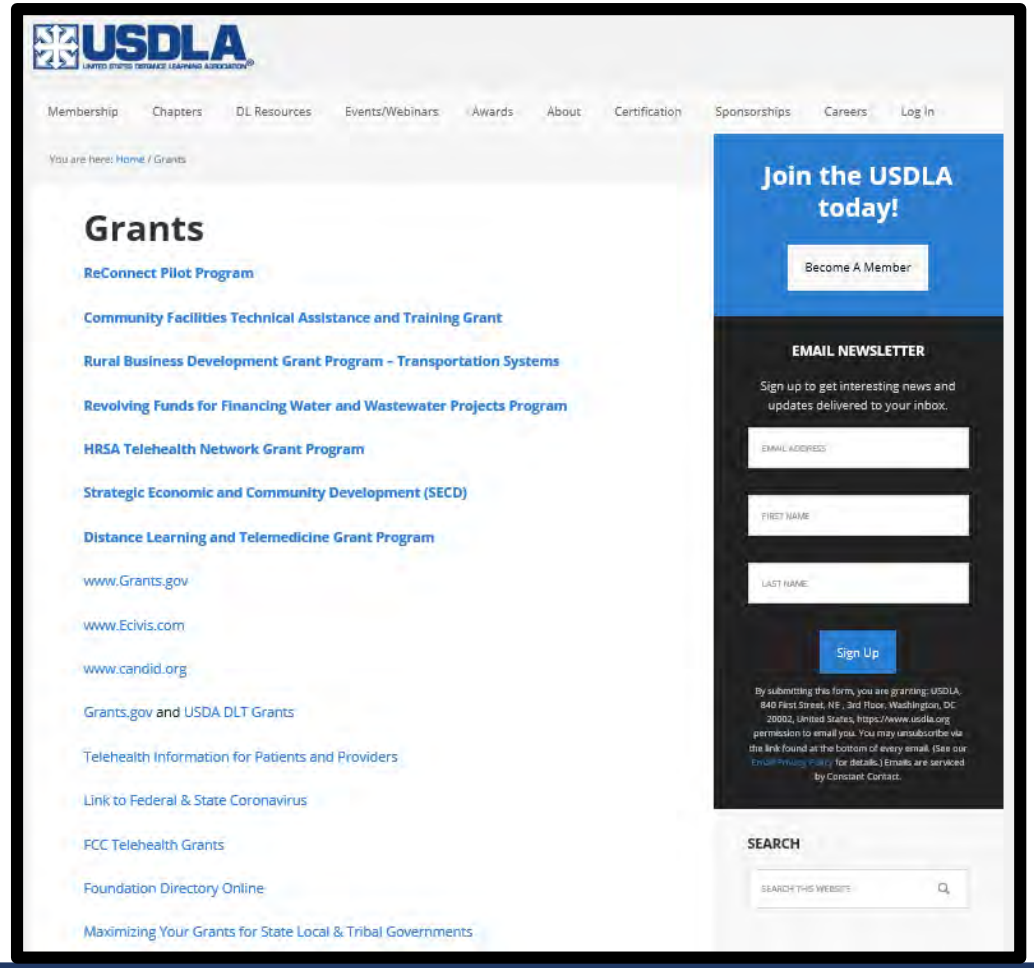
Chair	Alex Chiu, MD
Co-Chair	Jonathan Savage, MD

Past Chairs: David Maughan, Janet Major, Pramod Gaur
Mike Holcomb, Stewart Ferguson

United States Distance Learning Association
www.usdla.org

2020 USDLA Legislative Policy Forum

USDA-DLT Grants and more: https://usdla.org/grants/



TelehealthResourceCenters.org

TTAC
TelehealthTechnology.org

Center for Connected Health Policy

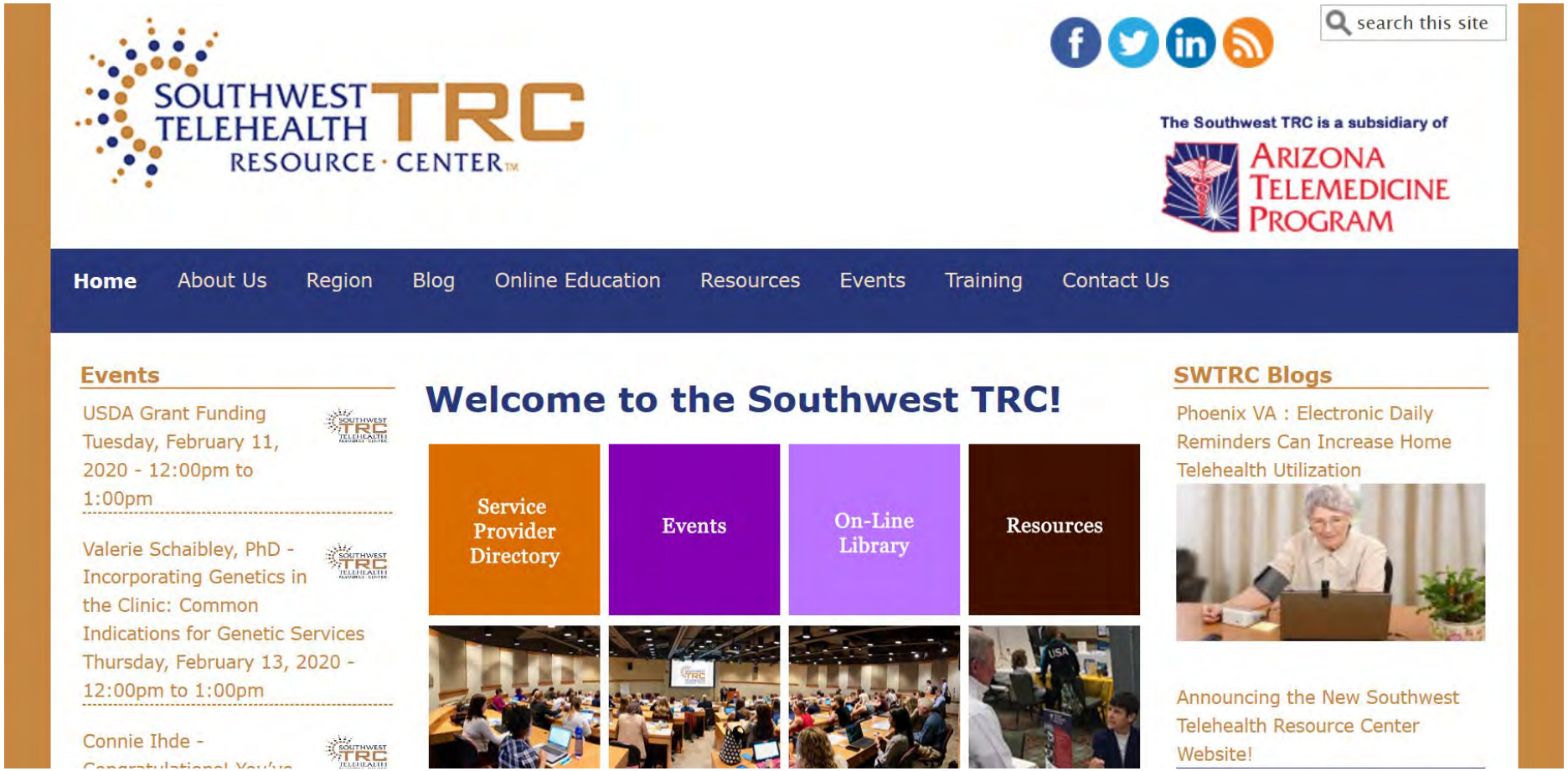
ARIZONA TELEMEDICINE PROGRAM

SOUTHWEST TELEHEALTH RESOURCE CENTER TRC

Center for Connected Health Policy
Fall 2020 Version
State Telehealth Laws & Reimbursement Policies

SWTRC since 2007

Southwest Telehealth Resource Center



https://southwesttrc.org/

Resources

Arizona

Colorado

Nevada

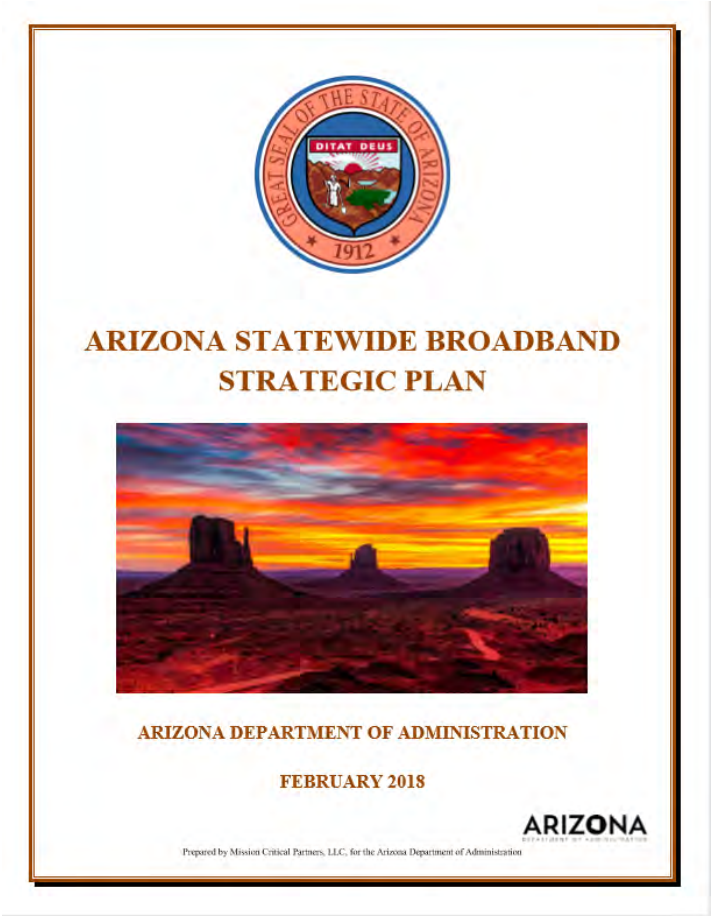
New Mexico

Utah

- Telemedicine & Telehealth Service Provider Directory
- Business & Finance
- Form Templates
- Policy & Sustainability
- Standards & Guidelines
- Telemedicine Information
- Tools & Tips
- General

National Consortium of Telehealth Resource Centers (NCTRC) - Find your TRC

AZ Broadband Task Force



Greater Arizona Educational Leadership

AZBSN Arizona Broadband Stakeholder Network

Arizona Telecommunications and Information Council

COVID About | COVID Resources | COVID Updates | COVID Contacts | COVID AZ Plans | COVID Leadership Team

AZBSN COVID-19 Digital Access Task Force Leadership Team

COVID-19 Digital Access Task Force

- State Broadband Director
- AZ Corporation Commission
- UAZ CTO
- Executive Director Sun Corridor Network
- VP Online Ed @PCC
- E Rate Administrator for Public Libraries
- Viasat
- Chair ATIC
- AZ Public Safety Program Mgr
- Executive Director AZ Technology in Education Association
- Executive Director Western AZ Economic Development District
- Internet Service Providers
- ATP/SWTRC

Greater Arizona Educational Leadership

AZBSN

www.arizonatele.org
520-321-1309
aticarizona@gmail.com

Arizona Broadband Stakeholder Network

Arizona Telecommunications and Information Council

COVID-19 Digital Access Task Force

Report and Recommendations

October 20, 2020

More than 60 Public & Private Digital Access Advocates Participating in the Statewide AZBSN Covid-19 Digital Access Task Force

AZBSN COVID-19 Digital Access Planning

Arizona COVID-19 Digital Access Planning

On This Page

- What Is Digital Access
- Task Force Mission and Strategy
- Task Force Participation
- Task Force Plans and Teams
- **Mobilizing Task Force Teams - Team Meetings**

We're mobilizing our Teams!

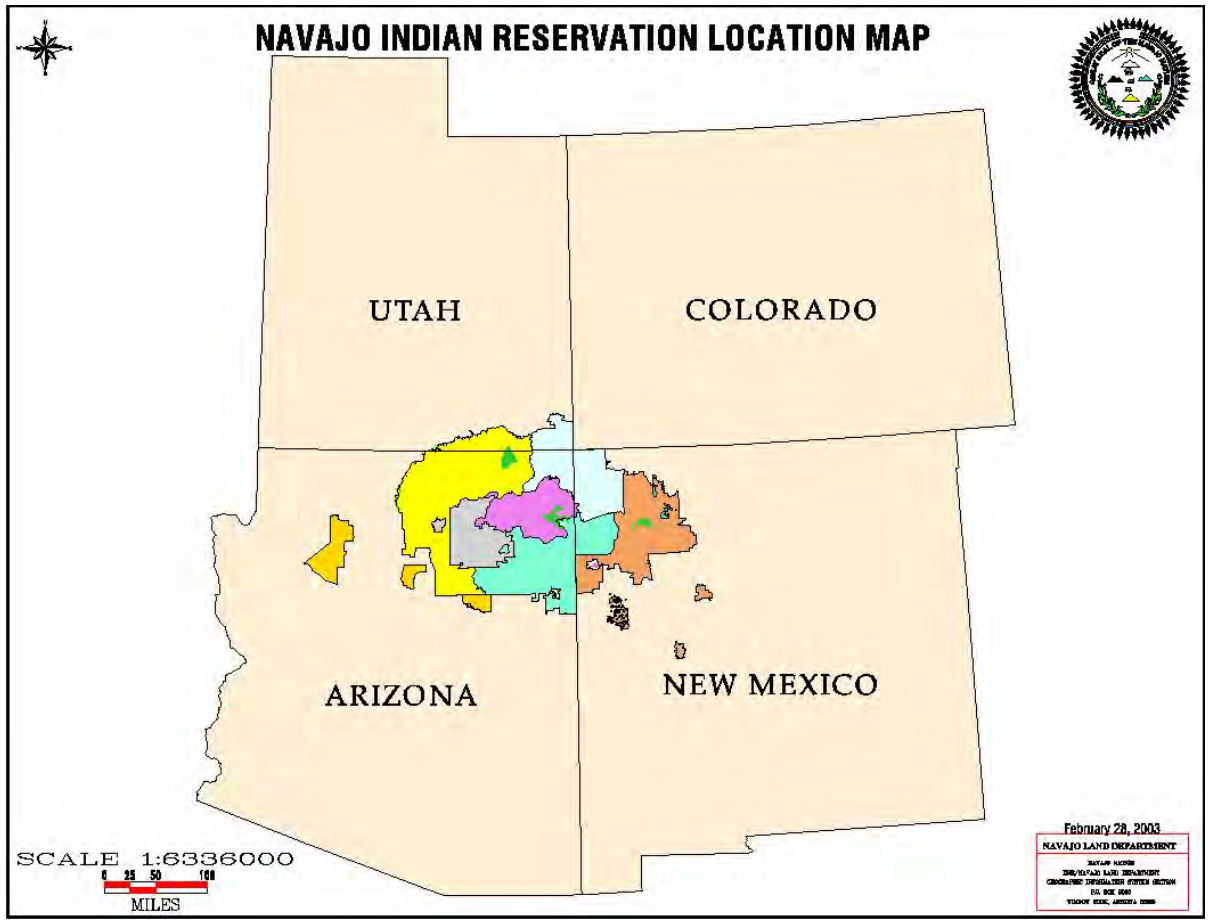
To join a Team:
Steve aticarizona@gmail.com
520-321-1309 **to** volunteer for one or more of our Teams. **See Teams Information Below.**

Our Teams!

- Education and Libraries
- Communities
- Technology
- Funding

Libraries Collaborating with IHS/Tribal Lands

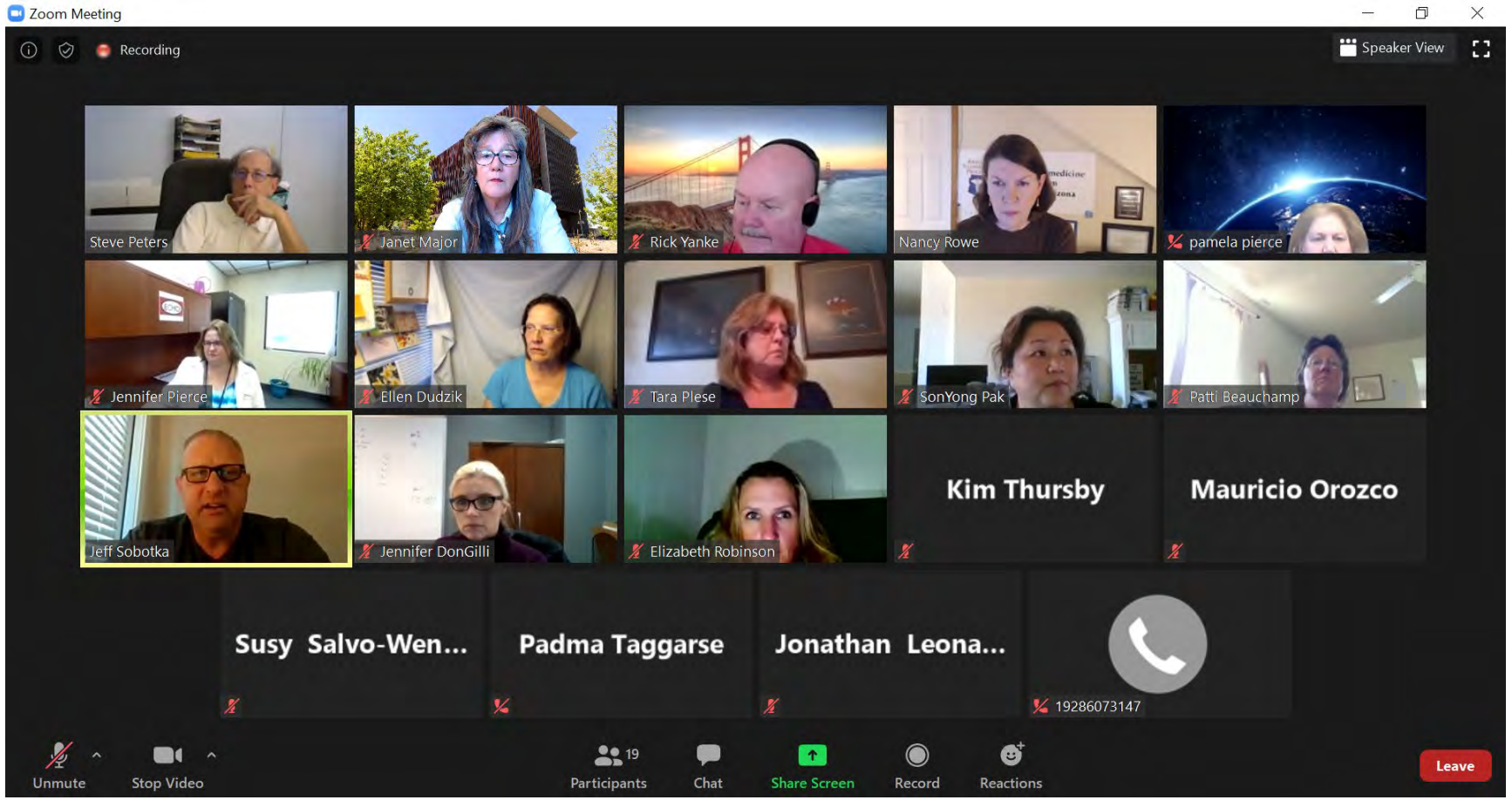
- Covid is a great opportunity to eliminate great disparity
- USDA-DLT and any other grant money goes further than ever
- Our State Libraries are helping provide connectivity to the Chapter Houses here in AZ
- Same is happening in NV
- Great things happen when we collaborate and share resources!


NAVAJO INDIAN RESERVATION LOCATION MAP
UTAH
COLORADO
ARIZONA
NEW MEXICO
SCALE 1:6336000
0 25 50 100
MILES
February 28, 2003
NAVAJO LAND DEPARTMENT

Broadband Action TEAMS

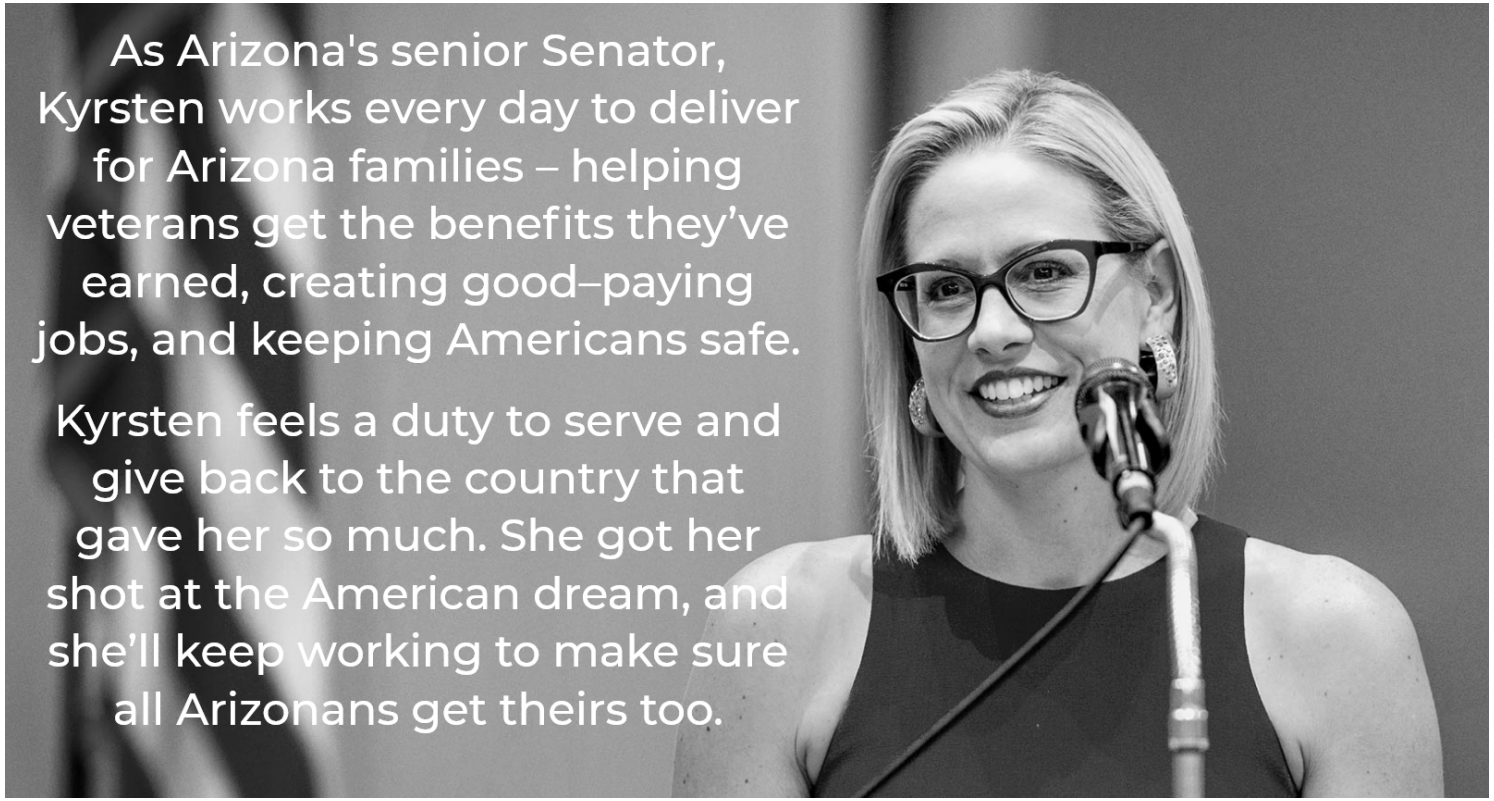
- Education & Libraries
- Funding & Resources
- Technology
- Telehealth – AZ BAT – Broadband Action Team

Telehealth BAT – Broadband Action Team with Jeff Sobotka, State Broadband Director



Broadband Legislation States/Federally

Senator Kristin Sinema worked hard to pass TWO SIGNIFICANT Bills related to broadband and distance learning:



KEY COMMITTEE PASSES SINEMA-BACKED BILL EXPANDING ACCESS TO BROADBAND FOR ARIZONANS

Friday, March 13, 2020

WASHINGTON – The Senate Commerce Committee passed the *ACCESS BROADBAND Act*—bipartisan legislation backed by Arizona senior Senator Kyrsten Sinema that streamlines the broadband application process for Arizonans, expanding access to broadband services for rural and tribal communities.

"High-speed internet allows rural and tribal communities throughout Arizona increased access to health care, education, and jobs," said Sinema. "Simplifying the broadband application process helps Arizonans apply for critical broadband resources, ensuring all Arizona communities have the connectivity they need."

Sinema is a longtime advocate for closing Arizona's digital divide, working to ensure every Arizonan can access quality high-speed internet and the opportunities that come with it. Earlier this year, Sinema secured a priority window for tribal communities in Arizona to apply for broadband licenses, allowing tribes across Arizona the opportunity to increase their connectivity and close the digital divide.

In addition to directing private investment in rural broadband by championing the *ACCESS Rural America Act* in the U.S. House, Sinema signed a bipartisan letter to the FCC last year, urging them to make public investments to connect rural communities with dependable voice and internet services. Additionally, the Sinema-backed *Broadband DATA Act* passed the Senate Commerce Committee last year. The bill improves the accuracy of the Federal Communications Commission's broadband availability maps by improving the process by which broadband data is collected. Broadband maps help inform where billions of dollars in federal broadband funds should be directed. Inaccurate maps delay spending and misdirect broadband funds to the wrong places.

As a member of the Senate Commerce Committee, Sinema has spoken in hearings on the need to expand 3G connectivity in rural areas and improve broadband mapping. Last year, Sinema shared the concerns of Arizonans living in Sunscape, an RV resort in Pinal County, who lacked reliable cell service. The residents could not reliably call 911 in the event of an emergency. Sinema underscored that in the conversation around 5G connectivity, all Arizonans must first have reliable 3G connectivity. Shortly after the hearing, Verizon Wireless confirmed they would build a cell tower to service the residents of Sunscape.

Issues

General

SENATE APPROVES SINEMA-BACKED BILL ENSURING ARIZONA VETERANS CONTINUE RECEIVING EDUCATIONAL BENEFITS AS CORONAVIRUS CAUSES SCHOOLS TO HOLD ONLINE COURSES

Tuesday, March 17, 2020

WASHINGTON – The U.S. Senate approved Arizona senior Senator Kyrsten Sinema's bipartisan *Emergency GI Fix For Coronavirus School Closures Act*—legislation introduced by Republican Senator Jerry Moran (KS) that ensures the VA continues providing GI Bill benefits, including housing allowances, to Arizona veterans enrolled in schools who have to hold online classes due to the coronavirus.

"In the face of a public health crisis, Arizona veterans should trust the educational benefits they earned will always be protected," said Sinema.

To slow the spread of coronavirus, many colleges and universities are starting distance learning, and are moving on-site classes to online. Currently, the GI Bill benefits treat distance learning differently than on-site learning, not covering some smaller, vocational schools and providing veterans who are enrolled in distance learning lower housing allowances. Sinema's bill allows the Secretary of the VA to continue providing full GI Bill benefits when an education program is converted from on-site to distance learning due to an emergency or health-related situation, like the coronavirus.

Click **HERE** for Spanish version of release.

Issues

General

‹ PREVIOUS

NEXT ›

Distance Learning for Telehealth

Best Practices for Producing Educational Events at a Distance

- Question: Webinar vs Videoconference?
- How to be interactive?
- Content, audience, technology including polling, etc
- Technical Support
- Test and pre-production

Arizona Simulation Technology & Education Center

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COVID-19 RESOURCE CENTER | ABOUT | FACILITY AND EQUIPMENT | EDUCATION | RESEARCH & DEVELOPMENT | FACULTY AND STAFF

Home

ASTEC RETURN TO OPERATIONS INFORMATION

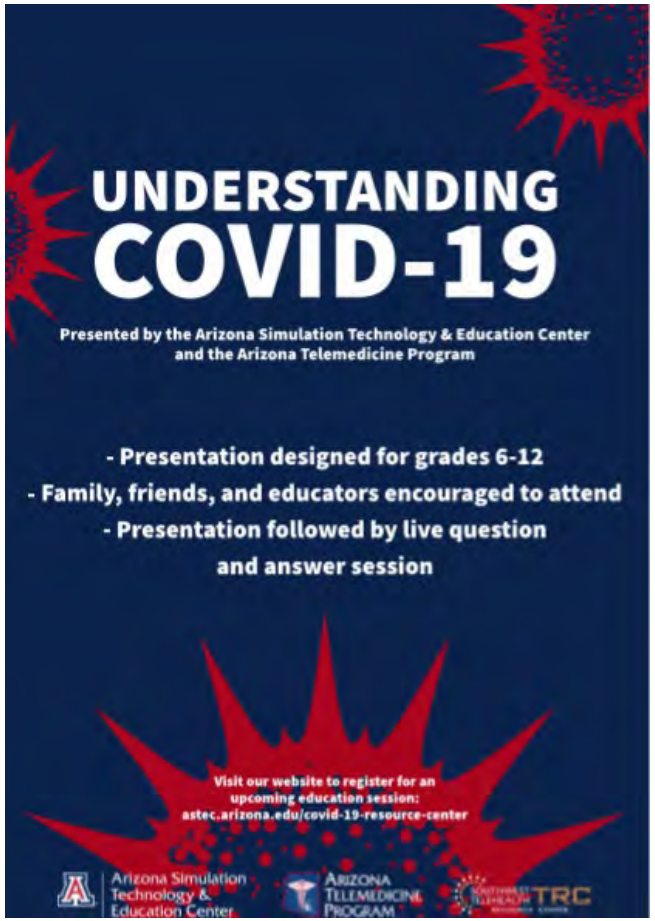
COVID-19 Resource Center

ASTEC is dedicated to providing simulation resources for educators and students to utilize during the COVID-19 pandemic.

Please click here to visit our In Memoriam: Healthcare Victims of COVID-19 page.

Community

- Understanding Coronavirus for Children- Webinar
- Understanding Covid-19- Webinar



Zoom
You are viewing Arizona Telemedicine Program W...'s screen
View Options
Janet Major
Allan Hamilton
Chris Martin
Christina Part...
Deana Smith
Merryl Lopido
Let's talk about what's going on with Coronavirus!
ASTEC
Arizona Simulation Technology & Education Center
Arizona Telemedicine Program
Mute
Stop Video
Participants
7
Chat
Share Screen
Record
Leave Meeting

Grant Writing Workshops

- Lots of great grants out there – but how do I write one?
- Many grants now include $ for technology AND broadband
- 1/17/2020
- 2/20/2020
- 4/24/2020
- 5/20/2020
- Archives for the gift that keeps giving @ https://telemedicine.arizona.edu/webinars/previous

Janet Major
Dr. Ana Maria Lo...
Maria Losoya
Chris Martin
ARIZONA TELEMEDICINE PROGRAM
SOUTHWEST TRC TELEHEALTH RESOURCE · CENTER
Para Mejorar el Acceso a la Atención Médica de Calidad
Presented by
The Southwest Telehealth Resource Center, & Arizona Telemedicine Program
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Educational Events
Promote Health and also serve to recruit

- What's up with Covid? Weekly on Tuesdays for 4 months and alternating K-5 and 6-12th Grades
- Videoconference Technician Certificate Program
  Kenai Peninsula, AK High Schools
- Medstart/White Coat Ceremony
- AK/AZSCITECH Kick-Off and UAZ Key to Employment Health Career Fair Health Careers of the Future Annually
- Outreach to students helps us recruit the healthcare workforce of the future!

2020 Stem & Innovation Summit

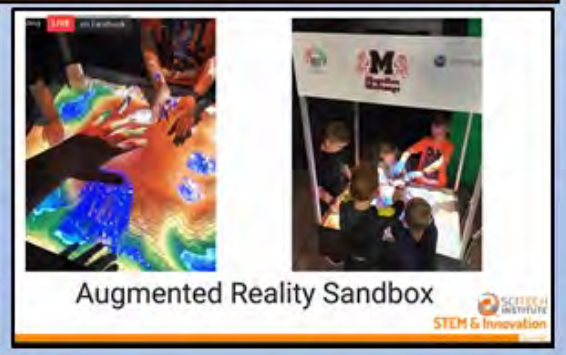
Hosted by AZ SciTech Institute – with FOUR Mayors!

Wednesday September 30, 2020 @9am – 12pm

Jeremy Badendure
Executive Director,
SciTech Institute

Mayor Kate Gallego,
PHX

Mayor Corey Woods,
Tempe

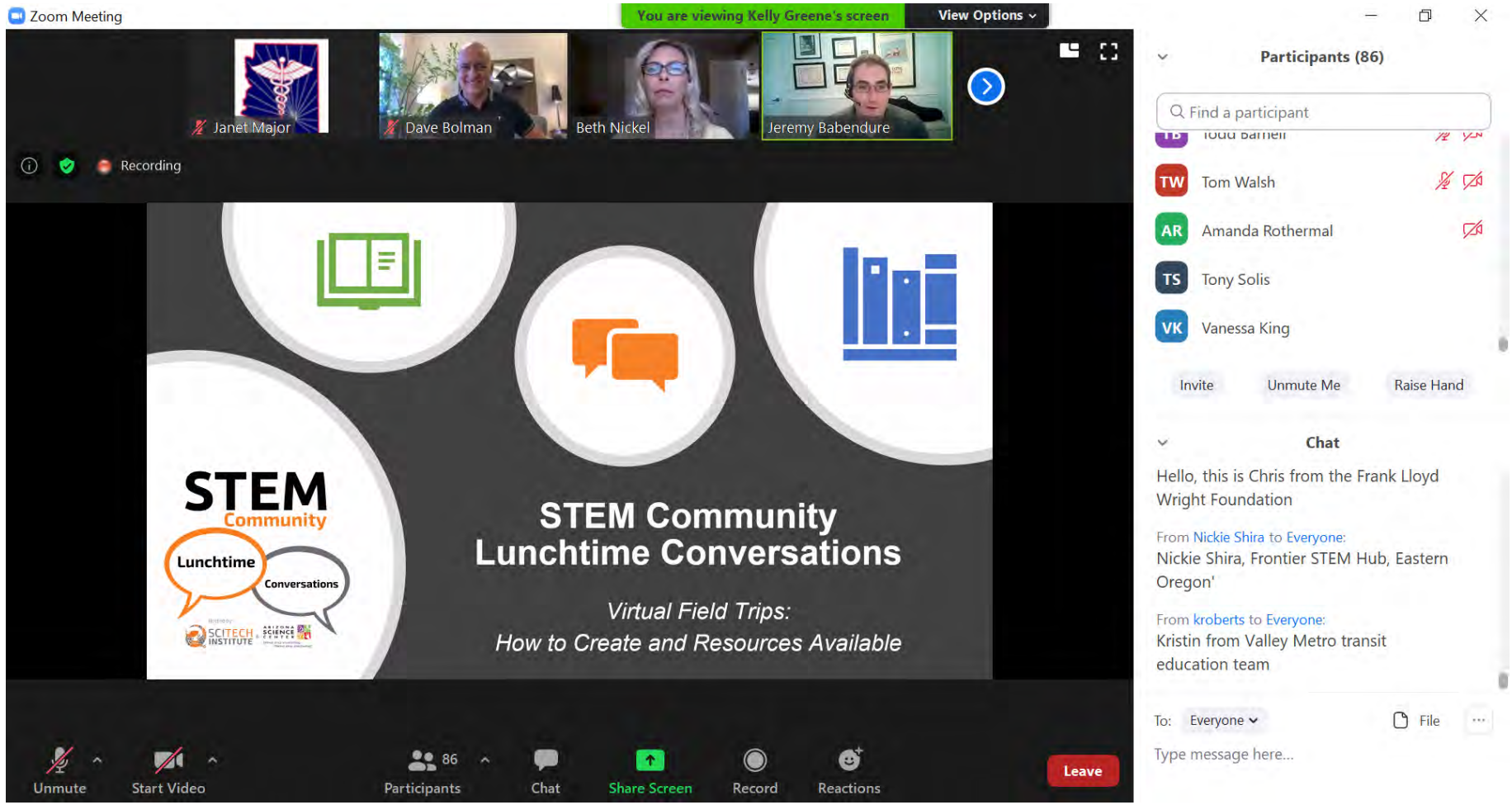


Mayor Regina Romero,
Tucson

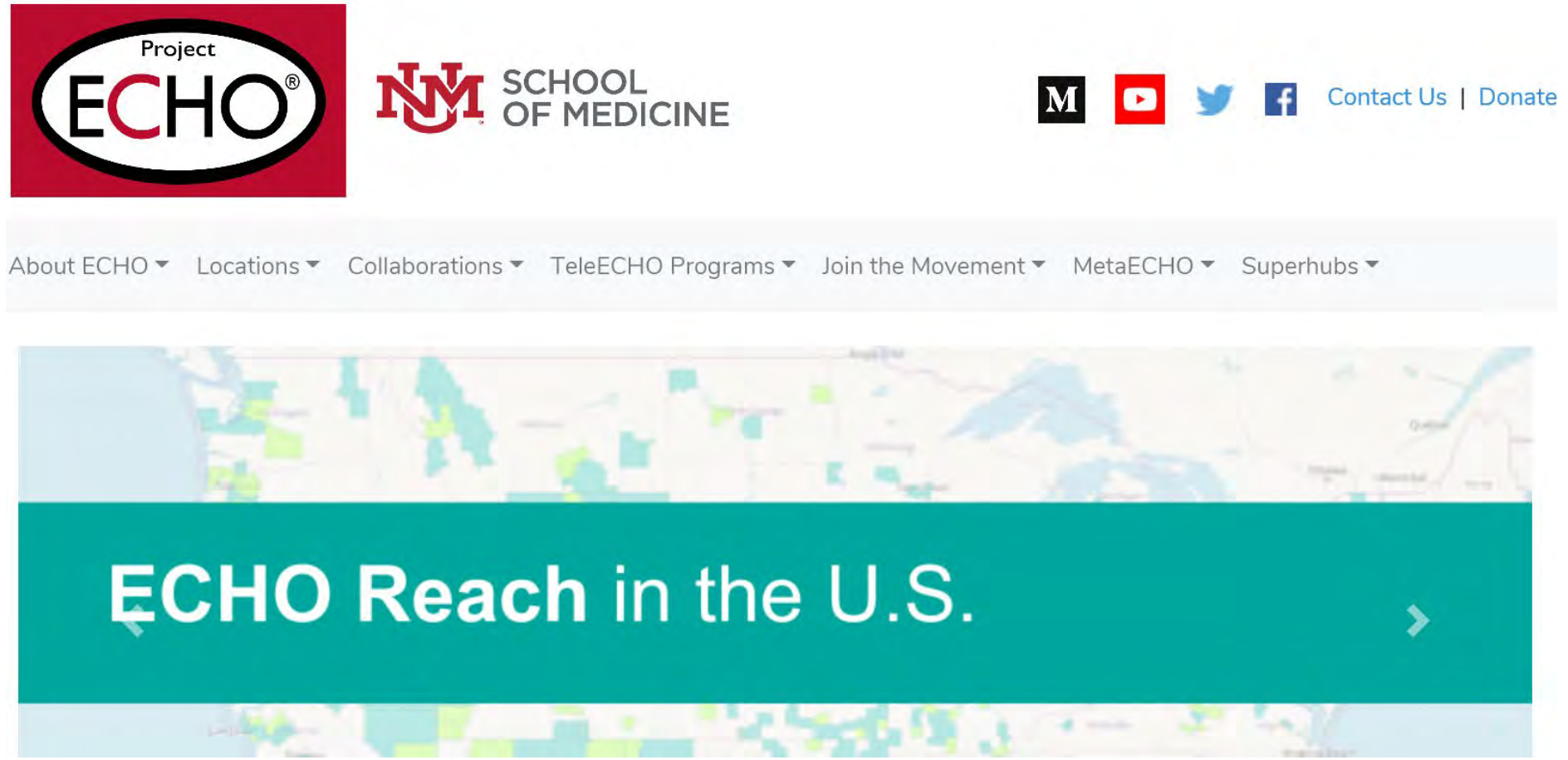
Mayor John Giles,
Mesa

SCITECH INSTITUTE

Virtual Field Trips



https://echo.unm.edu/
ECHO=Extension for Community Healthcare Outcomes



https://echo.unm.edu/

ECHO=Extension for Community Healthcare Outcomes

Project ECHO: A Revolution in Medical Education and Care Delivery

Project ECHO is a lifelong learning and guided practice model that revolutionizes medical education and exponentially increases workforce capacity to provide best-practice specialty care and reduce health disparities. The heart of the ECHO model™ is its hub-and-spoke knowledge-sharing networks, led by expert teams who use multi-point videoconferencing to conduct virtual clinics with community providers. In this way, primary care doctors, nurses, and other clinicians learn to provide excellent specialty care to patients in their own communities.

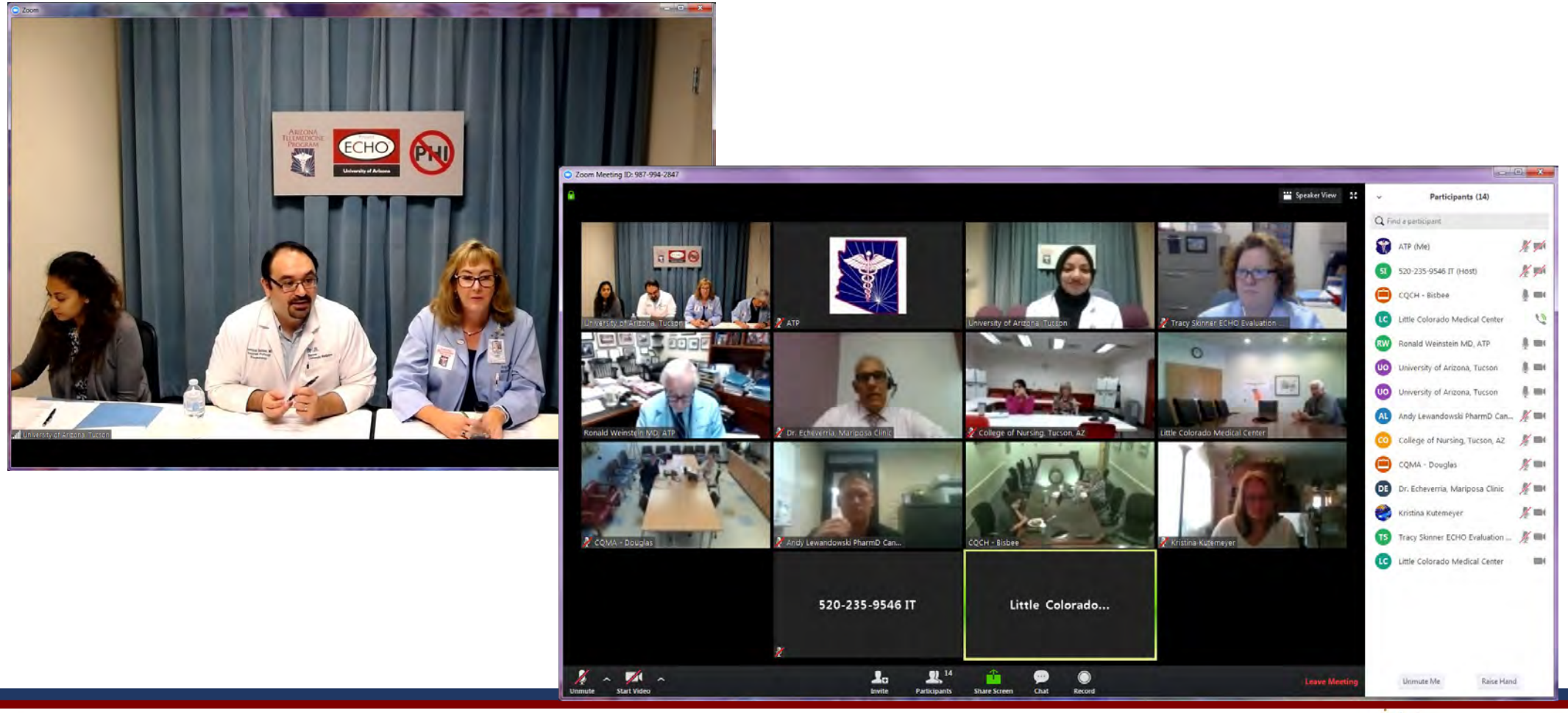
People need access to specialty care for their complex health conditions.

There aren't enough specialists to treat everyone who needs care, especially in rural and underserved communities.

ECHO trains primary care clinicians to provide specialty care services. This means more people can get the care they need.

Patients get the right care, in the right place, at the right time. This improves outcomes and reduces costs.

Telerheumatology ECHO



Hybrid Learning

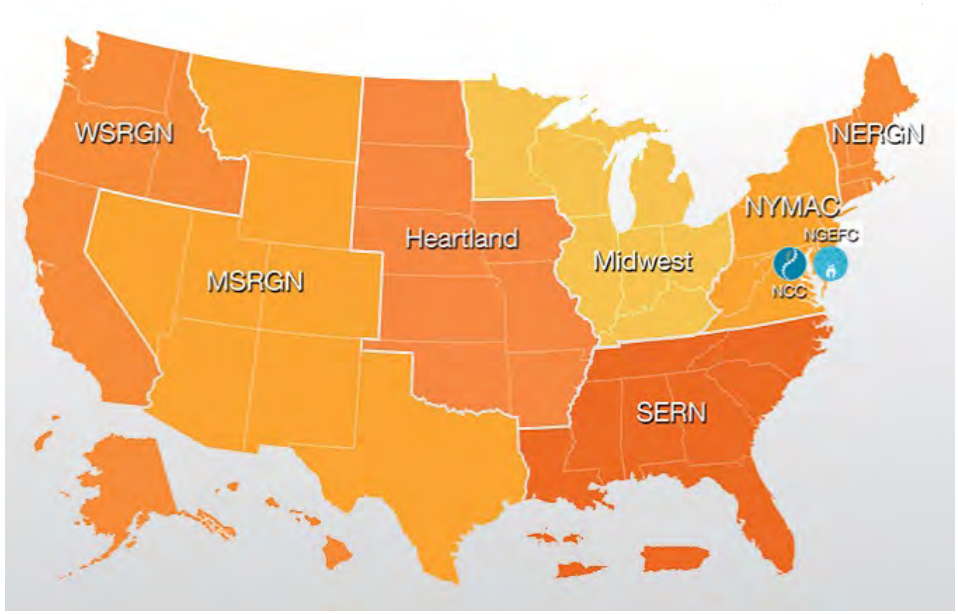
- Combines delivering and processing content online with videoconferencing and other modalities
- Microlearning Trend
- Augment educational experience with some experiential learning to include hands-on, simulations, attending conferences
- Examples: Diabetes and Telegenetics

WSRGN
Western States Regional Genetics Network

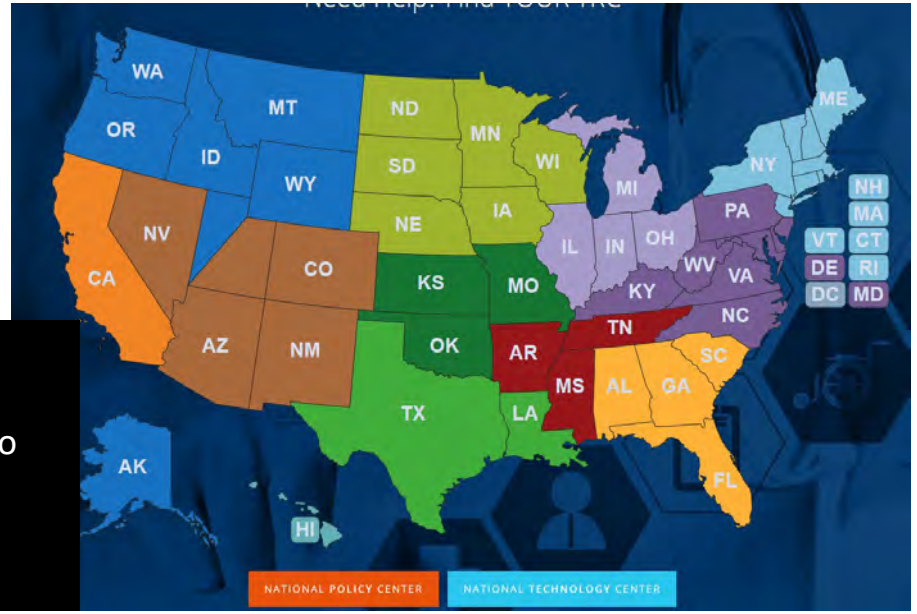
NATIONAL CONSORTIUM OF TELEHEALTH RESOURCE CENTERS

SOUTHWEST TRC TELEHEALTH RESOURCE · CENTER

ARIZONA TELEMEDICINE PROGRAM



Nevada
Utah
Colorado
Arizona
New Mexico



Curriculum

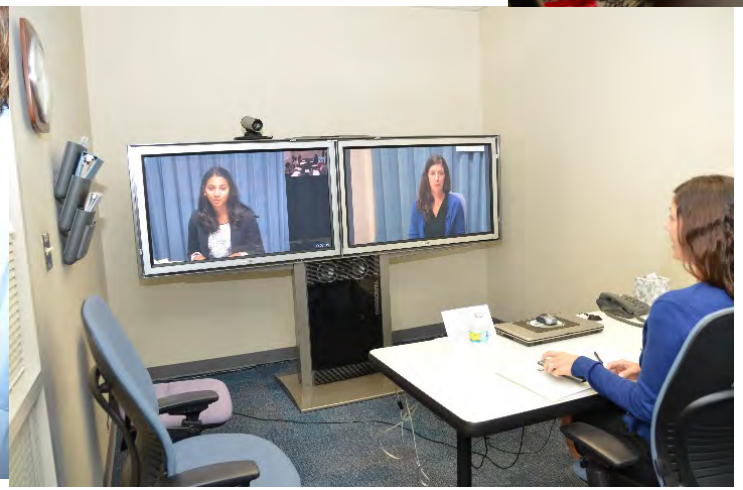
- Hybrid Certificate Course
- Online Learning Modules with a post-test before 1 day onsite training
- Meet with colleagues onsite for a one or two day course that includes an agenda and hands-on real life scenarios
- All counselors rotate thru the interactive videoconference role playing experience and participate as a counsellor as well as a patient with challenging scripts
- A National network of TeleGenetic Counsellors is being built as a product of this collaborative effort
- Genetic Counselors often deliver very BAD news!

Telegenetics Training - Online Modules

Introduction to Telehealth and Telemedicine
Clinical Application Overview
Telegenetics Applications
Case Referral Process
Telehealth Technology
Facility Design
Telepresenting Best Practices
Telehealth Policy & Legal Issues
Business Models and Telehealth
Telehealth Project Planning

Telegenetics Counseling Training

August 4-5, 2015



This training was in coordination with the University of Arkansas and the University of Arizona. Participants came from Washington, Hawaii, Arkansas and Kansas. This was a two-day training session with AMA and CEU credits.

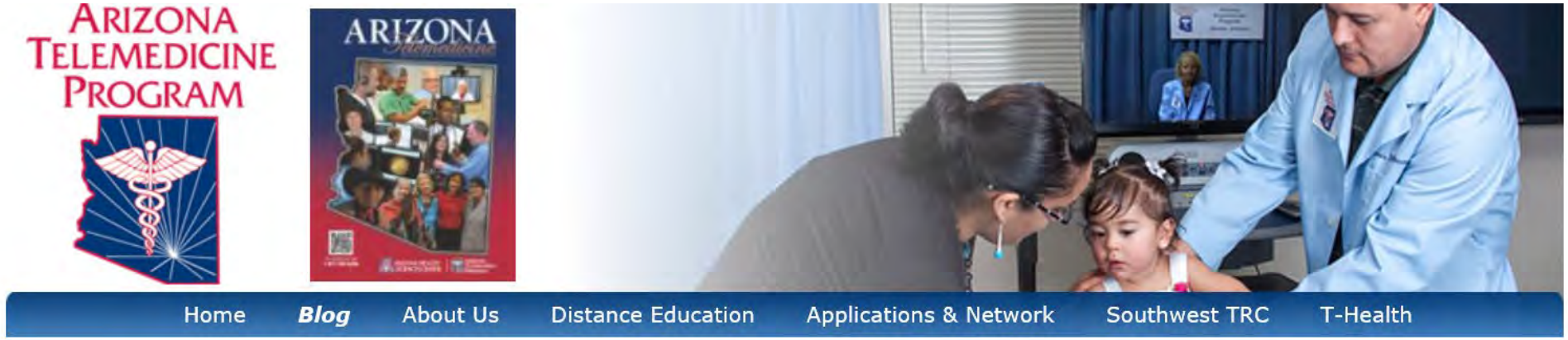
Hands-on!

Telehealth Best Practices

Video developed by the Hawaii Department of Health Genomics Section and available on the Pacific Basin TRC Website www.pbtrc.org

Telehealth
Networking

Upcoming Events



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ATP Telemedicine Applications Monday November 2, 2020

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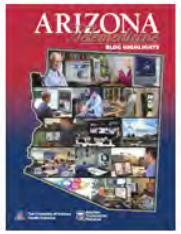

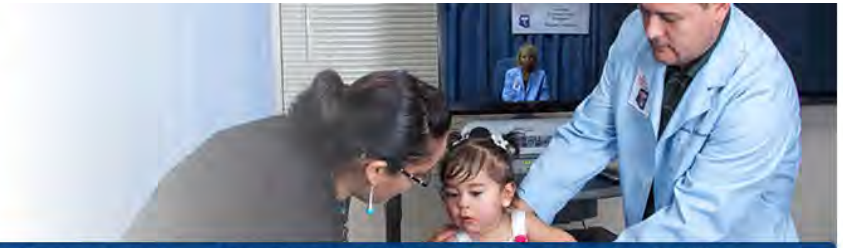

Home | *Blog* | About Us | Distance Education | Applications & Network | Southwest TRC | T-Health

Featured Links

- Service Provider Directory
- ATP Member Benefits
- ATP Service Desk
- Telemedicine Training
- Project ECHO
- Arizona Telemedicine Council
- Innovation Awards Program
- Press Releases
- Upcoming Webinars
- Previous Webinars
- Get Information on ATP Membership
- Contact Us

Connect With Us

New Mexico Telehealth Conference

View | Register

This conference is for New Mexico healthcare professionals!

Topics

- Trends & Hot Topics in Telehealth
- Telemedicine's Return on Investment
- New Mexico Policy Updates
- New Mexico Resources, Alliances and Partnerships
- Operational Challenges, Successes, Barriers
- Tele-specific Presentations

Webinar link will be provided in separate email after registration confirmation.

CME credit will be offered.

Event Date:
Thursday, November 5, 2020 - 9:00am to 2:00pm

Location:
Webinar

Cost (Non Refundable):
0

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Improving Access to Quality Medical Care

The practice and delivery of healthcare is changing with an emphasis on improving quality, safety, efficiency, & access to care. Telemedicine can help you achieve these goals! The Arizona Telemedicine Program, Southwest Telehealth Resource Center, and UnitedWay of Colorado invite you to a free webinar on the implementation and practice of telemedicine.

"Effectively Engaging Families in Telehealth"

90 Minute Telehealth Webinar

Friday, November 6, 2020 ~ 10:00 pm MST/12:00 pm EST

Learning Objectives

1. Learn what to expect during a telehealth visit & setting expectations
2. Get tips & hints for establishing rapport with families & patients and keeping them engaged
3. Appreciate the need for training & preparation for telehealth visits
4. How to improve your communication at a distance with families and children
5. Learn what technologies and resources are available for finding the right hardware and software
6. Demonstrate how to do the best with what you have available

Presenters:

Elizabeth A. Krupinski, PhD
Co-Diretor, Southwest Telehealth Resource Center
Associate Director, Evaluations, Arizona Telemedicine Program

Janet Major, BS
Associate Director, Distance Education and Facility Design, Southwest Telehealth Resource Center and Arizona Telemedidine Program

For more information and registration instructions go to
www.telemedicine.arizona.edu

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What is the State of Broadband in YOUR state?

November 9-13, 2020

NDLW
NATIONAL DISTANCE LEARNING WEEK

Surviving to Thriving: Rocking the New Normal

Thursday November 12 @12pm MTN, 2pm ET

- Featuring the State Broadband Director from AZ
- State Broadnband Director for NV
- NTIA National Telecommunications & Information Administrations Broadband Mapping Project

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Arizona Telemedicine Program
Southwest Telehealth Resource Center TRC
Arizona Rural Health Association
NRHA National Rural Health Association
The University of Arizona Mel & Enid Zuckerman College of Public Health
Center for Rural Health

Improving Access to Quality Medical Care

The practice and delivery of healthcare is changing with an emphasis on improving quality, safety, efficiency, & access to care. Telemedicine can help you achieve these goals! The Arizona Telemedicine Program, Southwest Telehealth Resource Center, Arizona Center for Rural Health and the Arizona Rural Health Association invite you to a free webinar on the implementation and practice of telemedicine.

Telehealth Webinar

Thursday, November 19, 2020 ~ 2:00 pm MT/3:00pm CT

"2020 Mid-Year Rural Health Policy Roundup"

The objectives for this webinar are to:

- Obtain current information on Congressional Initiatives that impact rural health care
- Learn the status of the rural health care initiatives at committee and administrative levels
- Gain the latest information about any new governmental administrative rulings that impact rural health care along with positions taken by NRHA

Alan Morgan
Chief Executive Officer
National Rural Health Association

Alan Morgan serves as Chief Executive Officer for the National Rural Health Association. Recognized as among the top 100 most influential people in healthcare by Modern Healthcare Magazine, Alan Morgan serves as Chief Executive Officer for the National Rural Health Association. He has more than 26 years experience in health policy development at the state and federal level, and is one of the nation's leading experts on rural health policy.

Mr. Morgan served as a co-author for the publication, "**Policy & Politics in Nursing and Health Care,**" and for the publication, "**Rural Populations and Health.**" In addition, his health policy articles have been published in: The American Journal of Clinical Medicine, The Journal of Rural Health, The Journal of Cardiovascular Management, The Journal of Pacing and Clinical Electrophysiology, Cardiac Electrophysiology Review, and in Laboratory Medicine.

Mr. Morgan served as staff for former US Congressman Dick Nichols and former Kansas Governor Mike Hayden. Additionally, his past experience includes tenures as a health care lobbyist for the American Society of Clinical Pathologists, the Heart Rhythm Society, and for VHA Inc.

He holds a bachelor's degree in journalism from University of Kansas, and a master's degree in public administration from George Mason University.

For more information and registration instructions go to
http://www.telemedicine.arizona.edu

This webinar is made possible through funding provided by
Health Resources and Services Administration, Office for the Advancement of Telehealth

Alan Morgan, CEO
National Rural Health Association

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Arizona Rural Health Association
https://www.azrhassociation.org/

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Thank You, Merci, Gracias y Ciao!

jmajor@telemedicine.arizona.edu

jmajor@usdla.org

Stay connected – sign up to get program, event and blog updates on both ATP & SWTRC

Find the subscribe buttons on our home page

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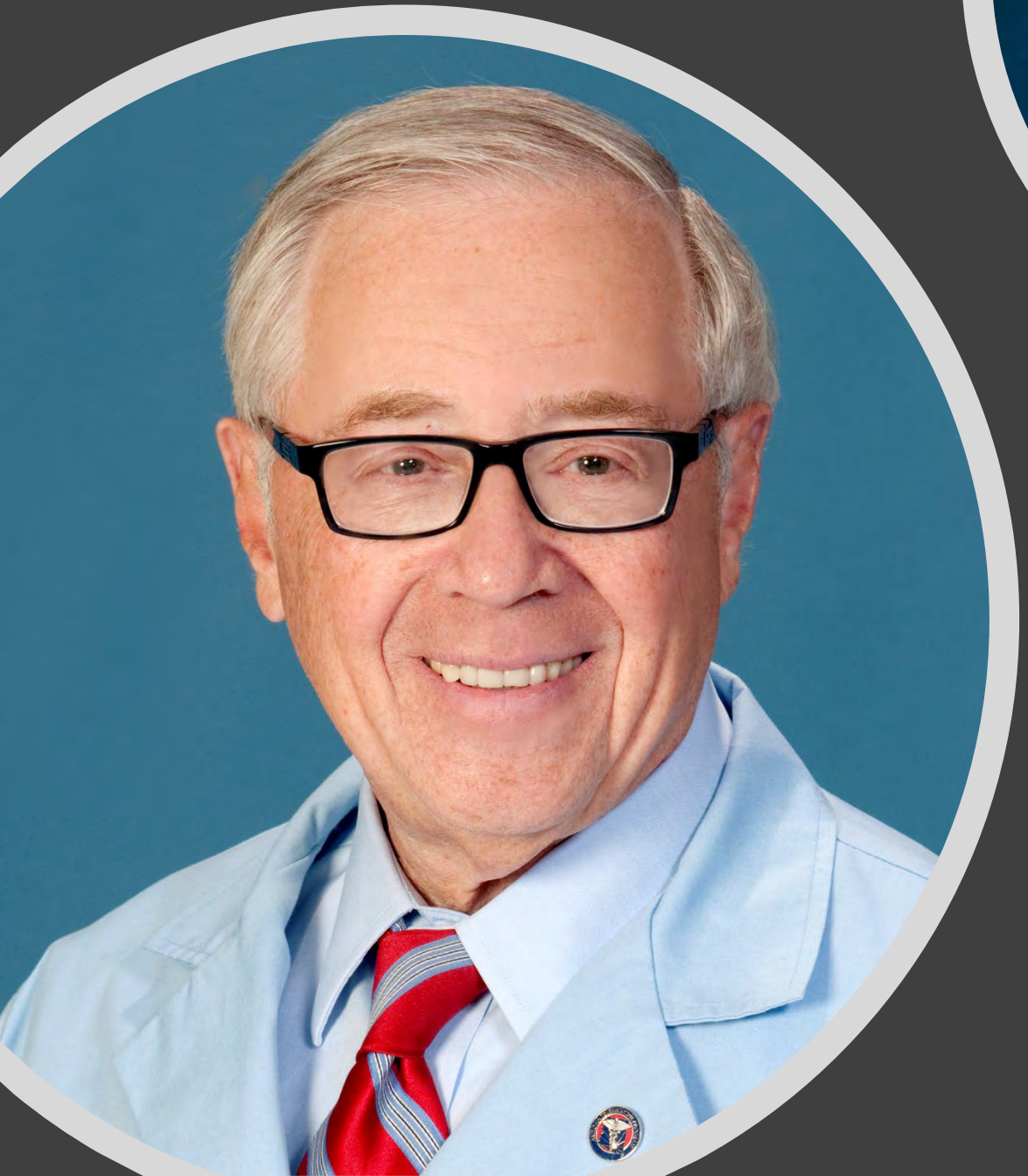
Weekly Events Announcement



PHOENIX BUSINESS JOURNAL

Health Care Heroes

Finalist for the HealthCare Heroes LifeTime Achievement Award

Ronald S. Weinstein, MD, FCAP, FATA
rweinstein@telemedicine.arizona.edu
Kristine Erps Stewart
kerps@telemedicine.arizona.edu