



Resources for Telehealth Services

Janet Major, B.S.

Associate Director forEducation & Facilities
Arizona Telemedicine Program
Southwest Telehealth Resource Center
Distance Learning Outreach
University of Arizona Health Sciences Center
Board Member – Telehealth USDLA

Technology + Telecommunications = Telehealth/Telemedicine







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





The Arizona Telemedicine Program, the Southwest Telehealth Resource Center and the mHealth. Technology & Distance Learning Special Interest Group of the American Telemedicine Association invite you to a free webinar to review the telemedicine and telehealth technology recently exhibited at the American Telemedicine Association's 23rd Annual Telemedicine Meeting & Trade 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.
- Learn who and where you can go to get access to the best resources in telemedicine and telehealth technology.



for Telemedicine
Education & Facilities

Janet Major is the Associate Director of Facilities for the Arizona Telemedicine Program (ATP). She earned her B.S. Degree in Telecommunications from Northern Arizona University with her major emphasis in producing and directing. She has worked at the University of Arizona for 30 years and was initially the primary manager of videoconflerencing services at the Arizona Halth Science Center. She has since been employed by ATP for 20 years. As Associate Director of Telemedicine Education Facilities, for current responsibilities include the elegan, development and installation of the teleconflerencing and telemedicine perspheral equipment used for installation of the teleconflerencing for both clinical and educational applications. Mr. Major has served as Co-Chair as well as Cast for the milestift, Technology & Distance Learning Special Interest Group of the American Telemedicine Association as well as for the board of USDIA, if the United State Distance Learning Association and Information Commit downs to its currently working with follow telecommunications experts to implement a broadband plan to eliminate telecommunication dispurity in rule and unbun Arizono.

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





TeleCon 1997











Technology for Telehealth: No longer the tail wagging the dog!





IPads

UA Nursing Professor Receives Telemedicine Grant to Study Tablet Use by Home Hospice Patients to Communicate with On-Call Nurses

Arizona Telemedicine Program Equipment Grant to provide technology for real-time visualization between the nurse and the patient and their caregiver.

It's the middle of the night. An elderly man in end-stage heart failure receiving at-home hospice awakes gasping for breath. His caregiver immediately phones the on-call nurse, but the drive could take her 30 minutes or more. The caregiver is too afraid to take action on her own, so she anxiously awaits the nurse. As the minutes tick by, the man becomes increasingly distressed and the caregiver grows more upset.

Shortness of breath (also known as dyspnea) is a common challenge faced by caregivers and patients in home hospice, and the leading cause of admissions to the emergency room for hospice patients.

Interested in shortening the time it takes to alleviate patient symptoms and caregiver anxiety, Kimberly Shea, PhD, RN, assistant professor at the <u>University of Arizona College of Nursing</u>, conceived of using tablet technology with real-time visualization for patients and caregivers to communicate with on-call hospice nurses in urgent situations.

To support testing her idea, Dr. Shea recently was awarded a grant from the <u>Arizona Telemedicine Program</u> as part of its <u>Innovation Awards</u> for her project: "Real-Time Visualization for Reducing Symptom Severity in End-of-Life Care." The grant supports purchase of five iPad-minis with retina display.

"Previous studies evaluating tablet use in at-home hospice have been focused on overall quality of life and anxiety," said Dr. Shea, who has 15 years of experience as a home health/hospice nurse. "What makes my study different is I'm evaluating tablet use in urgent situations. Patient and/or caregiver anxiety can often lead to unnecessary emergency room admissions."

Each tablet will be equipped with real-time meeting software that allows the on-call nurse to immediately visualize important factors, such as a patient's positioning (lying down, sitting up) or breathing patterns and medications available. Accordingly, more individualized guidance can be given to the caregiver for intervening appropriately prior to nurse arrival.







http://telemedicine.arizona.edu/blog/telehealth-valuable-addition-hands-comfort-care

Telehealth is a Valuable Addition to Hands-On 'Comfort Care'

By Kimberly Shea, Ph.D., RN on Oct 15, 2015



Dr. Shea consults with a remote hospice patient via telemedicine.

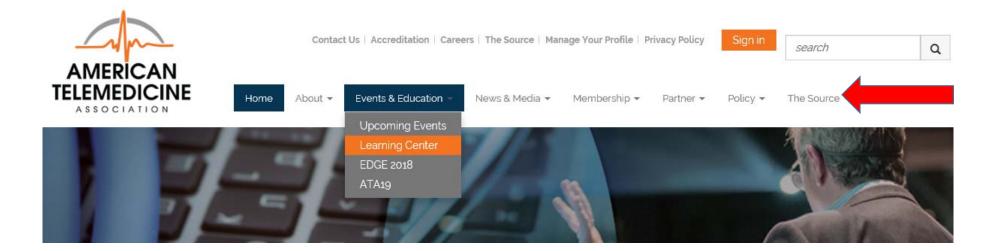
I am an assistant professor at the University of Arizona, College of Nursing, a full-time position that includes research in my chosen field of health care systems and informatics, in which I have a PhD.

I also work one day a week as a hospice nurse, providing palliative care, which is focused on comfort and quality of life for patients nearing the end of life.





http://americantelemed.org/home







SIG's

- Telemental Health
- Home Telehealth & Remote Monitoring
- Pediatric Telehealth
- Business & Finance
- mHealth, Technology & Distance Learning
- Telerehabilitation
- ATA Institutional Council
- Telehealth Nursing





- ATA Member Group Leaders
- Human Factors
- International
- ATA Industry Council
- Teledermatology
- Pacific Islands Chapter (PICATA)
- Interstate Telehealth
- Latin American & Caribbean Chapter (ATALACC)
- TeleICU
- Ocular





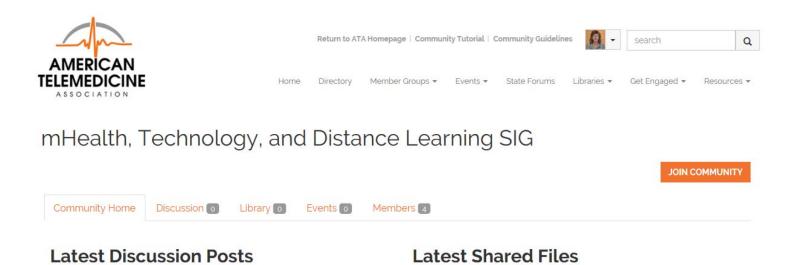
- Canadian Discussion Group
- President's Circle & Institutional
- ATA-DR Guidelines Writing Committee
- ATA Student Council
- State Forums
- Open Forum





The Source *for ATA Members

Join as many SIG's as you would like
Be sure to join the mHealth, Technology & DL SIG







Stethoscope Recording & PDF on SIG webpage

Latest Shared Files ADD





August 2018 Distance Learning/Telehealth Calendar

By: Janet Major 5 days ago

August 2018 Distance Learning/Telehealth Calendar of Events ...



Check out the LIBRARY in The Source for the handout ...

By: Janet Major 23 days ago



PDF resource from Jordan Berg

By: Janet Major 24 days ago

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







mHealth, Technology, and Distance Learning SIG

Post New Message

Jul 13, 2018

Check out the LIBRARY in The Source for the handout and Video Link from our Teck Talk about Stethoscopesps "

Reply to Group

Reply to Sender

1. Please join us next month for a technology... Sanet Major

Check out the LIBRARY in The Source for the handout and Video Link from our Teck Talk about Stethoscopesps



Jul 13, 2018 5:41 PM | view attached

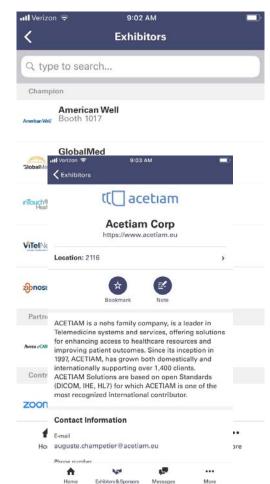
Janet Major

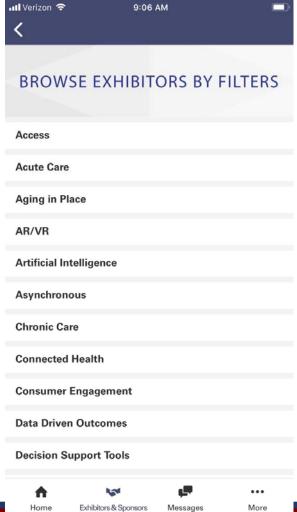
Please join us next month for a technology review and virtual tour of the ATA 2018 Exhibit Hall! Details are attached and on our SIG calendar - see you there!

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Janet Major











http://www.telehealthresourcecenter.org/









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Open Forum Special Interest Groups Regional Chapters Councils

-

Telemental Health

The Telemental Health Special Interest Group includes administrators, clinicians, and information technology professionals. Our goal is to enhance and support the use of technology in the delivery of mental health services.

Our mission is to promote dialogue between mental health practitioners, to improve the understanding and use of telehealth applications in the delivery of mental health services, and to provide guidance to the ATA Board of Directors regarding telemental health.

Leadership



TANIA MALIK, JD CHAIR Board Member MindCare Solutions Group, Inc. Nashville, TN



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Associate Professor
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Louisville, KY





ATA Telemental Health

ATA Board of Director's Liaisons

- Jay H Shore, MD, MPH, Associate Professor, University of Colorado at Denver American Indian and Alaska Native Programs; 303-724-1465, jay.shore@ucdenver.edu
- Dr. Peter Yellowlees MD, MBBS, FRANZCP, Director of Informatics, UC Davis Academic Information Systems; 916-833-1874, peter.yellowlees@ucdmc.ucdavis.edu

SIG & Inter-Organizational Collaboration Committee

- Lisa J. Roberts, PhD, Business Manager, Viterion TeleHealthcare, A Business of Bayer HealthCare, Clinical & National Sales Manager; 425-417-8209, <u>Lisa.Roberts@Bayer.com</u>
- Terry Rabinowitz, MD, FAPA, FAPM, Associate Professor of Psychiatry & Family Medicine; Director Telepsychiatry, University of Vermont / Fletcher Allen Health Care; 802–847–2112, terry.rabinowitz@vtmednet.org

Education & Peer Review

- Dr. Peter Yellowlees MD, MBBS, FRANZCP, Director of Informatics, UC Davis Academic Information Systems; 916-833-1874, peter.yellowlees@ucdmc.ucdavis.edu
- Eve-Lynn Nelson, Telemedicine Coordinator, University of Kansas Medical Center, Center of Telemedicine & TeleHealth; 913-588-2081, enelson2@kumc.edu

Coding & Reimbursement

· Gene Augusterfer, LCSW, President, Global Mental Health Network; 703-848-1898, efa@gmhnet.com

Student Issues

- Eve-Lynn Nelson, Telemedicine Coordinator, University of Kansas Medical Center, Center of Telemedicine & TeleHealth; 913-588-2081, enelson2@kumc.edu
- · Elizabeth Brooks, MS, CNATT Administrative Director, University of Colorado at Denver and Health





TelehealthResourceCenters.org











12 Regional Resource Centers



TexLa Telehealth Resource Center

Serving Texas and Louisiana

Phone: 877-391-0487 Direct: 806-743-4440



Center

Kentucky, Maryland, Delaware, North Carolina, Pennsylvania, Washington DC, and New Jersey [shared]

Phone: 855-MATRC4U (628.7248) Direct: 434-906-4960



Upper Midwest Telehealth Resource Center

ring Indiana, Illinois, Michigan and Ohio

Phone: 855-283-3734



Southeastern Telehealth Resource Center

Serving Georgia, South Carolina, Alabama, and Florida

Phone: 1-888-738-7210



Pacific Basin Telehealth Resource Center

Serving Hawaii and Pacific Basin

Phone: 808-956-2897



Heartland

Heartland Telehealth Resource

Serving Kansas, Missouri and Oklahoma

Phone: 877-643-HTRC (4872)



South Central Telehealth Resource Center

Serving Arkansas, Mississippi and Tennessee

Phone: 855-664-3450



Southwest Telehealth Resource Center

Serving Arizona, Colorado, New Mexico, Nevada and Utah

> Phone: 877-535-6166 Direct: 404-712-3868



Northwest Regional Telehealth Resource Center

Serving Washington, Oregon, Idaho, Montana, Utah, Wyoming and Alaska

Phone: 888-662-5601



Great Plains Telehealth Resource & Assistance Center

Serving North Dakota, South Dakota Minnesota, Iowa, Wisconsin and Nebraska

Phone: 888-239-7092



California Telehealth Resource Center

Serving California

Phone: 877-590-8144



NorthEast Telehealth Resource Center

Serving New England (Connecticut, Maine, Massachusetts, New Hampshire, New Jersey [shared], New York, Rhode Island, and Vermont)

Phone: 800-379-2021





National Resource Centers



National Telehealth Policy Resource Center

Serving all Telehealth Resource Centers and All States

Phone: 877-707-7172 Direct: 916-285-1860



National Telehealth Technology Assessment Resource Center

Serving All Telehealth Resource Centers and All States

Phone: 877-885-5672 Direct: 907-729-4703





TTAC National Telehealth Technology Assessment Center telehealthtechnology.org







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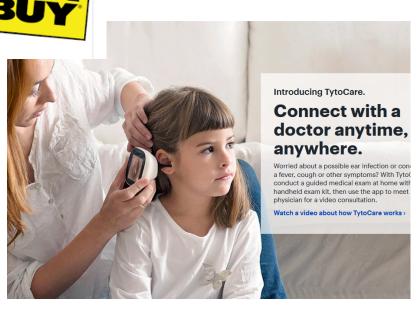
Turn any meeting room into a face-to-face video-enabled collaboration room.



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ARIZONA TELEMEDICINE PROGRAM



www.southwesttrc.org



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ATP Training https://telemedicine.arizona.edu/training

Arizona Telemedicine Training Program







TRACK 1: Developing a Telemedicine Program September 9, 2019

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
- Equipment demonstration virtual tour





TRACK 2: Telemedicine Applications 2020 Dates Coming Soon

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.

*Accredited by the ATA since May 2009







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www.usdla.org





Resources Southwesttrc.org







Clinical Case Presentation











The Telemedicine Referral Case Process

Phyllis Webster, Program Coordinator, Sr. Arizona Telemedicine Program

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Case Management

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







https://telemedicine.arizona.edu/servicedirectory









Welcome to the Telemedicine & Telehealth Service Provider Directory, a service of the Arizona Telemedicine Program. The directory is a resource for hospital and healthcare administrators and other decision-makers who want to expand or improve their healthcare services to their patients, employees, clients, etc. The directory lists companies providing medical specialty services (such as radiology, rheumatology, neurology, psychiatry) and ancillary services (such as patient education and language interpretation) through telemedicine to healthcare providers such as hospitals, clinics, nursing homes, private practices and urgent care centers.

Service Providers: List your company here.

Search the Directory







19 record(s) found, scroll down to see results. Page 1 of 1 page(s); up to 20 displayed per page.

Directory Listings

Scroll to view company dashboard listings in alphabetical order.

Click on company name or logo to see more detailed information.

American Telepsychiatrists

http://www.americantelepsychiatrists.com 916-320-4422 United States







How to Find a Telegenetics Counselor







Telemedicine

Welcome to the Telemedicine & Telehealth Service Provider Directory, a service of the Arizona Telemedicine Program. The directory is a resource for hospital and healthcare administrators and other decision-makers who want to expand or improve their healthcare services to their patients, employees, clients, etc. The directory lists companies providing medical specialty services (such as radiology, rheumatology, neurology, psychiatry) and ancillary services (such as patient education and language interpretation) through telemedicine to healthcare providers such as hospitals, clinics, nursing homes, private practices and urgent care centers.

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https://nccrcg.org/



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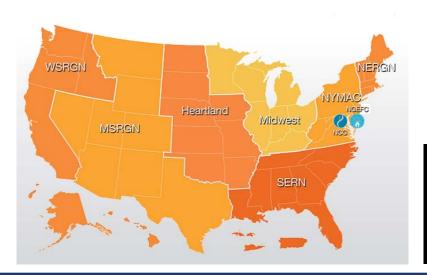


















September 22 – 23, 2014







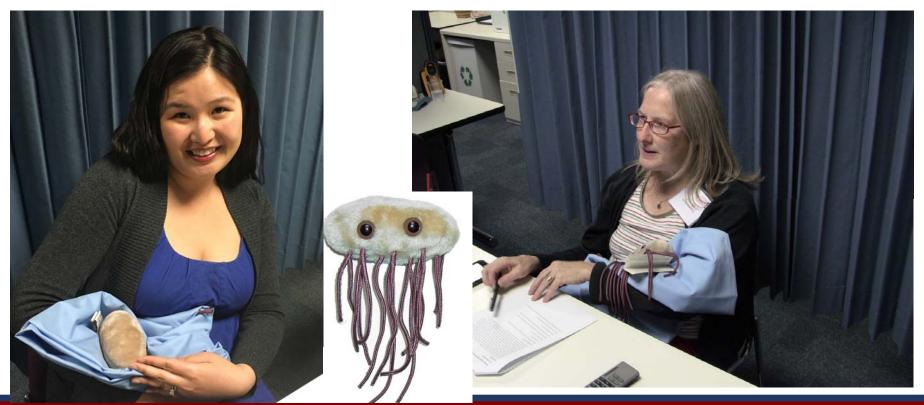
Hands-on!







The Story of Elle & Eli Coli











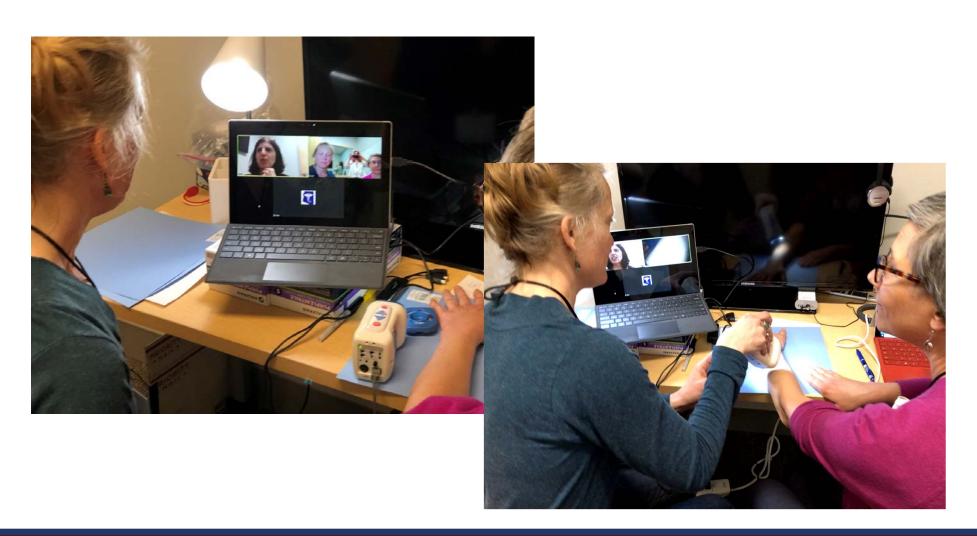




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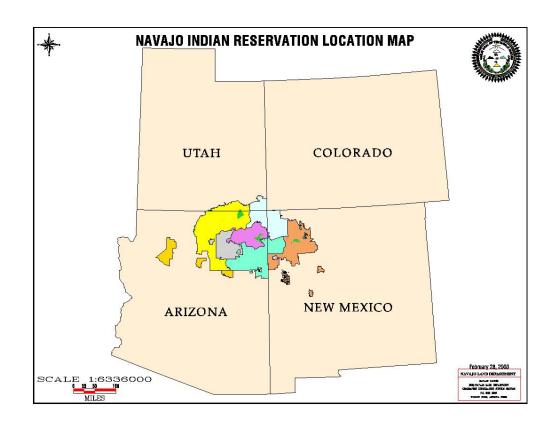








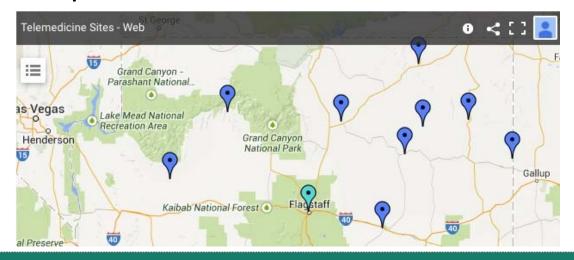








Flagstaff Medical Center https://nahealth.com/telemedicine



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.





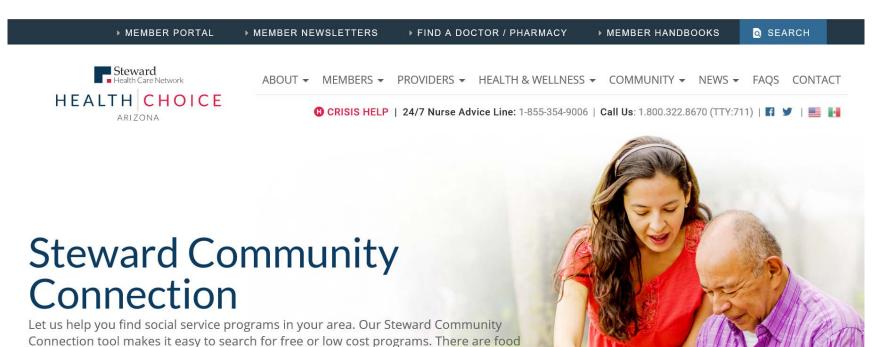
"Care Beyond Walls and Wires": In-Home Monitoring YouTube Videos @www.youtube.com

- https://www.youtube.com/watch?v=qHXGRDtdjuc
 Four Corners Navajo Area
- https://www.youtube.com/watch?v= 4wvQbK EPM
 Winslow, AZ





Steward Health Choice https://www.stewardhealthchoiceaz.com/







pantries, housing and support groups near your home. As a member of Steward

Health Choice, you can sign in to our Member Portal for easy access.



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Project ECHO



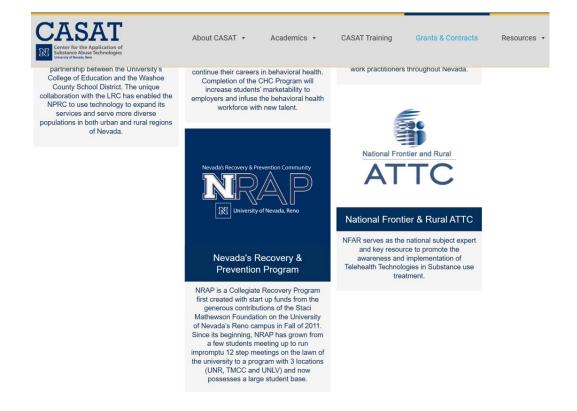
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Arizona member.





NFAR https://www.nfar.org/







https://attcnetwork.org/frontierrural







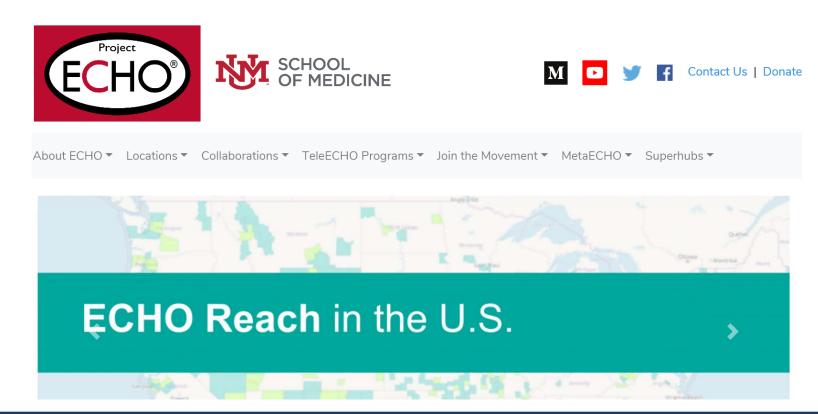
Rural Health Associations







https://echo.unm.edu/







ECHO= Extension for Community Healthcare Outcomes



Technology + Telecommunications = Telehealth/Telemedicine













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



