Telehealth Grants & Resources
April 2022

Janet Major, BS
Associate Director for Innovation and Digital Health
Broadband Grants & Resources
Tuesday April 12, 2022
10am – 11:30am
The need for broadband access and adoption is greater than ever. Please join us for an overview of broadband federal funding programs and the various services they can provide to your communities. Topics discussed will include:
- USDA Community Connect Grant
- NTIA Broadband Infrastructure Program
- NTIA Tribal Broadband Connectivity Program
- NTIA Connecting Minority Communities Program
- NTIA State Formula Grants
- NTIA Digital Equity Capacity Grant Program
- And broadband funding best practices!

https://www.telemedicine.arizona.edu
Arizona Area Health Education Centers

AHEC Regional Centers

https://azahec.uahs.arizona.edu/
Arizona Telemedicine Program

1. Stay Connected – sign up to get ATP Updates
   • Facebook
   • Twitter - @UAZATP
   • Twitter - @SWTRC1
   • LinkedIn

2. Webinars
   • Archived

3. Service Provider Directory

https://telemedicine.arizona.edu/
3G networks are shutting down. Here’s what it means for Arizona cellphones, devices

Most mobile phone users will benefit, but millions of Americans who purchased phones before 2019 and other wireless devices incompatible with 5G could find themselves unable to reach 911, talk, text or use data services unless they upgrade.

3G network shutdown: What it means for cellphones, home alarms, GPS | azcentral.com

Department of Commerce’s NTIA Awards Additional $1M in Grants to Tribal Groups Seeking to Expand Broadband

“WASHINGTON – The Department of Commerce’s National Telecommunications and Information Administration (NTIA) announced today it has awarded two additional grants as part of the Tribal Broadband Connectivity Program. These grants, totaling nearly $1 million, are being awarded to the Yaqui-Kapastahani Nation in Arizona and the Lac Courte Oreilles (LCO) Band of Lake Superior Chippewa Indians in Wisconsin.”

Department of Commerce’s NTIA Awards Additional $1M in Grants to Tribal Groups Seeking to Expand Broadband | National Telecommunications and Information Administration

Resident physicians honored for work on telehealth, cancer care

“A project at HonorHealth Medical Center in Arizona aimed to measure the efficacy of telehealth use among seniors and historically marginalized racial and ethnic groups during the pandemic. The project, which won third prize in the Impact Challenge, used the health system’s database to tally the number of visits in the primary care settings before and after the implementation of telemedicine.”
Webinars

https://telemedicine.arizona.edu/upcoming-events
Searchable Archive

- Recorded & Archived
- Searchable
- Slide Decks Available
Service Provider Directory

188 Healthcare Organizations Listed
73 Tele-services Listed
8 Ancillary Services
On average 3,000 hits on the SPD

https://telemedicine.arizona.edu/servicedirectory
Southwest Telehealth Resource Center

- On-Line Library
- Billing Guides
- Factsheets
- Tools & Templates
- Guidelines
- Funding Opportunities

https://southwesttrc.org/
Online Education: Video Library

Teledermatology
Definition of telemedicine services, requirements to provide this service, and current applications.

Teledermatology
Definition of teledermatology services, requirements to provide this service, and current applications.

Telehealth Overview
The history, progression and current uses of Telemedicine and Telehealth.

Clinical Applications Overview
Clinical services (real-time and store-forward) that have been amenable to telemedicine consultation and how these services can help underserved areas.

Telecardiology
Definition of telecardiology services, requirements to provide this service, and current applications.

Teledermatology
Definition of teledermatology services, requirements to provide this service, and current applications.

Telemedicine
How telemedicine can help close the nursing shortage gap. Case studies are presented and outcome results are discussed.

Telepathology
Definition of telepathology services, requirements to provide this service, and current applications.

Telepsychiatry
Definition of telepsychiatry services, requirements to provide this service, and current applications.

Telepathology
Definition of telepathology services, requirements to provide this service, and current applications.

Telemarketing
Definition of telemarketing services, requirements to provide this service, and current applications.

Teledermatology
Definition of teledermatology services, requirements to provide this service, and current applications.

Distance Education
The role of tele-education in continuing medical education for various healthcare professionals and the necessary components to set up such a program.

Evaluation
The importance of evaluation in telemedicine/telehealth and how it relates to acquiring and organizing data about the program that can be used to obtain funding for increased sustainability.

Business
Sources of funding for telemedicine/telehealth programs, the business model developed and used by the Arizona Telemedicine Program, and paths towards sustainability and business planning.

Facility Design
Go through the steps required to set up a telemedicine/telehealth facility, including placement of the equipment, lighting, wall color, etc.

Video and Data Communication
Basic introduction to networking and data communications. Description of the Internet, local area networks, Ethernet, wireless communications and communication modes (e.g., Internet, satellite, wireless), including the advantages and disadvantages of each as they relate to telemedicine/telehealth.

Teledermatology
Definition of teledermatology services, requirements to provide this service, and current applications.

Telemedicine/Telehealth Network
Basics of how a telemedicine/telehealth network is set up and the roles of various pieces of equipment: CODEC, MCU, computer applications (e.g., videoconferencing, Skype), video bridges, gatekeepers, and communication protocols (e.g., H.239).

Culture, Etiquette & Technology
The impact of technology on social interaction and the universal rules of good manners and technology.

https://southwesttrc.org/online_education
- Partnering with

- State specific Telehealth Billings Manual (AZ, NM, CO, NV)

- Update quarterly
Fact Sheets

• HIPAA & Telehealth – A Stepwise Guide to Compliance
• How Patients Can Engage Telehealth
• Telehealth 101 The Basics
• Virtual Healthcare – What Should I Know?
• What is Telehealth? Context for Framing your Perspective

https://southwesttrc.org/resources/factsheets
People are our number 1 resource

https://telemedicine.arizona.edu/contact
National Consortium of Telehealth Resource Centers

14 TRCs
12 Regional
2 National
Federally funded since 2006
2 monthly calls
https://telehealthresourcecenter.org/
## Consortium Members

<table>
<thead>
<tr>
<th>California Telehealth Resource Center</th>
<th>South Central Telehealth Resource Center</th>
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<tbody>
<tr>
<td>Lindsey Haase, Executive Director</td>
<td>Hari Eswaran, PhD, Principal Investigator</td>
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<td><a href="http://www.caltrc.org">www.caltrc.org</a></td>
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<td>Great Plains Telehealth Resource &amp; Assistance Center</td>
<td>Southeast Telehealth Resource Center</td>
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<td>Jonathan Neufeld, PhD, Program Director</td>
<td>Rena Brewer, RN, MA, Principal Investigator</td>
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<td><a href="http://www.setrc.us">www.setrc.us</a></td>
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<td>Heartland Telehealth Resource Center</td>
<td>Southwest Telehealth Resource Center</td>
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<tr>
<td>Eve-Lynn Nelson, PhD</td>
<td>Elizabeth Krupinski, PhD, Co-Director</td>
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<td><a href="http://www.southwestttrc.org">www.southwestttrc.org</a></td>
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<td>Mid Atlantic Telehealth Resource Center</td>
<td>TexLa Telehealth Resource Center</td>
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<td>Kathy Hsu Wibberly, PhD, Director</td>
<td>Ariel Santos, MD, Principal Investigator</td>
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<td>Northeast Telehealth Resource Center</td>
<td>Upper Midwest Telehealth Resource Center</td>
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<tr>
<td>Danielle Louder, Program Director</td>
<td>Cameron Hilt, Program Director</td>
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<td><a href="http://www.netrc.org">www.netrc.org</a></td>
<td><a href="http://www.umtrc.org">www.umtrc.org</a></td>
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<td>Northwest Regional Telehealth Resource Center</td>
<td>Center for Connected Health Policy</td>
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<tr>
<td>Matt McCullough, PhD Principal Investigator</td>
<td>Mei Wa Kwong, JD, Executive Director</td>
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<td>Pacific Basin Telehealth Resource Center</td>
<td>Telehealth Technology Assessment Resource Center</td>
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<tr>
<td>Christina Higa, PhD, Program Co-Director</td>
<td>Garrett Spargo, Director</td>
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Organizations / Associations / Networks
https://www.americantelemed.org/

ATA2022 will explore the landscape and examine what will be necessary to establish telehealth as a permanent modality in care delivery.

ATA2022 will showcase a mix of practical applications of telehealth — from preventative and primary care to behavioral health and other areas of specialty care — and hands-on workshops, mixed with luminary vision of important next steps for telehealth's future.
American Telemedicine Association

Special Interest Groups

• Async Telehealth
• Decentralized Clinical Trails
• Digital Transformation
• Government Relations
• Healthy Aging
• Home Telehealth
• Home Testing
• Interdisciplinary Clinicians
• International
• Interstate
• Ocular
• Pediatric
• Remote Patient Monitoring
• Teledermatology
• Telehealth Technology
• TeleICU & Acute Care
• Telemental Health
• TeleRehabilitation

https://www.americantelemed.org/
Rural Health Information Hub

Customize Updates
- By State
- By Topics
- By Type
- Frequency

https://www.ruralhealthinfo.org/
Arizona Commerce Authority
https://www.azcommerce.com/broadband/
https://localfirststaz.com/
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
- 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
https://connect-arizona.com
Telehealth Alliances

Northern Arizona Telehealth Alliance (NATA)

The Northern Arizona Telehealth Alliance (NATA) is an autonomous group facilitated by Arizona Telemedicine Program (ATP) staff. NATA started in 2014 with a few Flagstaff-based healthcare organizations that wanted to share telehealth experiences and information, look for opportunities for collaboration, and help each other and the ATP advance telehealth and avoid duplication of effort.

Since then, NATA has grown to 40 organizational members. It meets quarterly via Zoom and is open to any organization serving northern Arizona that has or is working on starting a telehealth program for its patients, clients, members, or students.

For more information or to request to join, contact Janet Major, ATP Associate Director for Education and Facilities, jmajor@telemedicine.arizona.edu.

Southern Arizona Telehealth Alliance (SATA)

The Southern Arizona Telehealth Alliance (SATA) is an autonomous group facilitated by Southeast Arizona Area Health Education (SEAHEC) staff, with assistance from the Arizona Telemedicine Program. SATA was established in 2019 to offer southern Arizona organizations an opportunity to share telehealth experiences and information, learn about telehealth, and help each other and the ATP advance telehealth and avoid duplication of effort, similar to the Northern Arizona Telehealth Alliance.

SATA has 32 organizational members. It is open to any organization serving southern Arizona that has or is working on starting a telehealth program for its patients, clients, members, or students.

For more information or to request to join, contact Janet Major, ATP Associate Director for Innovation and Digital Health, jmajor@telemedicine.arizona.edu.

https://telemedicine.arizona.edu/about-us/affiliated-programs
New Mexico Telehealth Alliance

https://www.nmtelehealth.org/
Nevada

$1M grant sets up Renown Regional for hybrid telehealth and in-person care

The FCC funds greatly expanded the health system’s virtual care abilities last year as COVID-19 hit – but the added bonus of a hybrid care future is a big win.

By Bill Slivicki | November 16, 2021 | 10:53 AM

Mitchell Fong
Director of Telehealth
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P: (775)682-5375
Mitchell.Fong@Renown.org
For what matters most. A Report to Thank our Community
Colorado Telehealth Alliance

Telmedicine and Broadband

OeHI’s Telehealth and Broadband Initiative develops and supports approaches that lead to increased adoption of telehealth, and reliable and affordable broadband access for health organizations and consumers. Telehealth and broadband are key priorities of the Primavera and folks administrations. Colorado has already made significant progress in providing remote access to care through telemedicine. Telehealth is an important avenue to support health care reform and is increasingly seen as an acceptable alternative to many types of in-person provider visits. One of OeHI’s 44 key important goals, or KIGs, for this year is to increase utilization of telebehavioral health in safety net providers. OeHI is also working to support expansion of telehealth policies and practices based on cost savings, economic impact, and health outcomes.

In Colorado’s rural areas, only 2 in 10 people have access to broadband. OeHI’s goal, in partnership with other state agencies, is to raise rural broadband availability and pave the path to achieve 100 percent access for all of Colorado. Lack of broadband inhibits the utilization of telehealth services in many parts of rural Colorado as well as the uptake of other emerging health IT capabilities. OeHI is working with the state to expand access of telemedicine and broadband access in order to make health care across the state more affordable and accessible for all.
Who is your state broadband director?

https://broadbandusa.ntia.doc.gov/resources/states
Studies are all on the Commissions Website https://www.fcc.gov/about-fcc/fcc-initiatives/connect2healthfcc/general/connect2healthfcc-task-force

National Survey Trends in Telehealth Use in 2021: Disparities in Utilization and Audio vs. Video Services

Benjamin Sommers, M.D., Ph.D.
Deputy Assistant Secretary, ASPE

Madjid (MJ) Karimi, Ph.D.
Health Scientist, ASPE

Euny C. Lee, Ph.D.
CDC Public Health Informatics Fellow, ASPE
U.S. Department of Health and Human Services

FCC Symposium March 3, 2022
Broadband Research Base - National Digital Inclusion Alliance
https://www.digitalinclusion.org/broadband-research-base/

This dataset of academic and practitioner research on the impact of broadband access and use was made possible by a partnership with the Brookings Institution’s Metropolitan Policy Program. Please email info@digitalinclusion.org for instructions on submitting multiple articles at once, for general questions, or suggestions for edits.

Publications in this dataset are generally one of the following:
- An article appearing in a peer-reviewed academic or professional publication
- Research accepted for publication in other academic or professional settings (books, conference presentations, etc.)
- Published results of significant new field research by a digital inclusion practitioner.

Submit Your Work

The ongoing development of this resource is available thanks to

verizon

The Arizona Telemedicine Program
SOUTHWEST TELEHEALTH RESOURCE CENTER
Fact sheet @ link above

Dates will be announced this spring or fall for this year
NEWSFLASH: the FCC's EBB Emergency Broadband Benefit is now ACP: the Affordable Connectivity Program.

This continues an FCC benefit program that helps ensure that households can afford the broadband they need for work, school, healthcare and more. The benefit provides a discount of up to $30 per month toward internet service for eligible households and up to $75 per month for households on qualifying Tribal lands. Eligible households can also receive a one-time discount of up to $100 to purchase a laptop, desktop computer, or tablet from participating providers if they contribute more than $10 and less than $50 toward the purchase price.

The Affordable Connectivity Program is limited to one monthly service discount and one device discount per household.
ACP Affordable Connectivity Program Toolkit Webpage

- [https://www.fcc.gov/acp-consumer-outreach-toolkit](https://www.fcc.gov/acp-consumer-outreach-toolkit)
Why Telehealth in libraries?

According to the American Library Association, people turn to and depend on libraries and librarians for help in times of economic hardship. Libraries are now safe havens for people in need, including the homeless, mentally ill, immigrants, abuse victims, and the impoverished. Many libraries have services for these visitors such as congregation areas for programs and resources, but now for the first time in history, some libraries also offer healthcare services.

1. Libraries are trusted places
2. Have highly qualified staff
3. Have the technology needed
4. Have broadband connectivity
5. Libraries always involved in narrowing the digital divide

https://swtrc.wistia.com/medias/0jka64l5i1
https://telemedicine.arizona.edu/
A Starter Guide To Telehealth Billing Resources & Current National And Medicaid Reimbursement

• Tuesday April 19, 2022
  8am – 9am PDT

• Hosted by the Upper Midwest Telehealth Resource Center

Goals:
- Address common telehealth definitions, break down service types and their differences.
- Provide an overview of telehealth billing services on a national level.
- Break down the UMTRC’s state territory billing processes.
- Address COVID state guidelines where applicable.

HTRC Education Series Webinar: Interstate Licensing For Telehealth, Coding And Billing Implications

• Wednesday April 27, 2022
  10am – 11am PDT

• Hosted by the Heartland Telehealth Resource Center

Guest speaker, attorney Diane Bellquist, former counsel for the Kansas Board of Healing Arts, will join the session to discuss interstate licensing rules affecting the delivery of telehealth. Richelle Marting will join the discussion to address how interstate licensing impacts coding and billing of telehealth services across state lines.
NCTRC Webinars
https://telehealthresourcecenter.org/events/

• CHC Series
• Best Practices
• Information Security
• Medicaid and Permanent COVID-19 Telehealth Policies
• Provider Burnout and the EMR
• Remote Specialty Coverage: Telehealth Beyond Stroke
Arizona Telemedicine Program / Southwest Telehealth Resource Center

ATP Developing a Telemedicine Program

Monday May 9, 2022
9am – 2pm PDT/AZ

https://telemedicine.arizona.edu/
The Arizona Telemedicine Council was created by the Joint Legislative Budget Committee of the Arizona State Legislature. The Council has oversight for the Arizona Telemedicine Program and the development of its telecommunications network. Senator Robert (“Bob”) Burns, who initiated the legislation that created the Arizona Telemedicine Program, became the first Co-chairman of the Council, which has met quarterly in Phoenix since 1996.

Recent years have required hosting this meeting as a webinar and we look forward to returning to our “home” at the office of the Joint Legislative Budget Committee (JLBC).

https://telemedicine.arizona.edu/about-us/atc
Grants
Top 10 Grant Writing Tips

• Start early
• Reach out to PO to verify fit
• Read review/scoring criteria & tailor grant to them
• Many require matching funds – get commitments & budget appropriately
• Clearly assess, document & summarize need/rationale/population served
• Have clear work plan with deliverables & timeline
• Metrics, benchmarks & criteria for success
• Collaborate – stakeholders, patients, industry, TRCs etc. – letters support
• Experience, skills, capabilities
• Have others read (critically) proposal
AZ Broadband Development Grant Program
Arizona Commerce Authority

ARIZONA BROADBAND DEVELOPMENT GRANT PROGRAM RURAL & URBAN

Governor Doug Ducey announced a $100 million commitment to expand high-speed broadband to underserved areas of the state – one of the single largest broadband investments in state history. Funding comes from the American Rescue Plan Act.

SUMMARY
The Arizona Broadband Development Grant Program (ABDG) will enable local communities to construct or improve broadband infrastructure. The historic investment will build on the progress of recent years and strengthen communities’ capacity and competitiveness for economic growth. The ABDG is intended to bridge the digital divide and enhance the connectivity for Arizona’s citizens, businesses, healthcare institutions, government establishments, and education sector.

https://www.azcommerce.com/
https://www.arizonatele.org/covid-resources.html

Updates and Resources

On this page you will find resources to help address your digital access needs

AZBSN Arizona Broadband Consultants List (V02P)

This list has been crowdsourced from AZBSN COVID-19 Digital Access Task Force members' experience and suggestions to aid Arizona institutions and communities in finding consultants to aid with their broadband projects, grant writing, and to otherwise help meet their broadband planning, information technology (IT), funding, and project management needs. The current version V02P includes a total of 63 entries, last updated on January 12, 2022. To inquire, suggest additions or otherwise give feedback, please contact Steve Peters, AZBSN Coordinator at stipesco@gmail.com.

Arizona Commerce Authority
- Arizona Commerce Authority Broadband
- Arizona Commerce Authority: Ensuring Connectivity in Arizona: Resources and Support in Response to COVID-19: Download PDF

Free WIFI Access

Cox Community Hot Spots

- Link to the document for parents to find Broadband that the Arizona Commerce Authority provides to ADE. The document includes help for AZ families to determine Broadband carrier options and COVID-19 specific offers, the statewide map of free WiFi hotspots and instructions for parents to turn on their cellular hotspots which is a much better option now that many carriers’ data caps have been lifted.
- Link to the free WIFI access points statewide developed with Tribe Land and the Tribe Library.
- Arizona Together Web Site: See Business Resources page with links for Help with Internet Services and Help with Wireless Services
- Arizona Public Libraries Digital Inclusion - Wi-Fi Maps: The link will take you to the Digital Inclusion web page with the map.
- Arizona Commerce Authority: Ensuring Connectivity in Arizona: Resources and Support in Response to COVID-19: Download PDF
Grants

NTIA administers grant programs that further the deployment and use of broadband and other technologies in America, laying the groundwork for sustainable economic growth; improved education, public safety, and health care; and the advancement of other national priorities.

Infrastructure Investment and Jobs Act Overview

On November 15, 2021, President Biden signed the Infrastructure Investment and Jobs Act into law. This Act includes a significant investment of $65 billion to help close the digital divide and ensure that all Americans have access to reliable, high speed, and affordable broadband. This investment builds upon the funding for broadband deployment provided in the American Rescue Plan, the Consolidated Appropriations Act, 2021, the FCC’s Universal Service program, and USDA’s Rural Utilities Service broadband programs. This historic investment will lay critical groundwork for widespread access and affordability of broadband, creating new jobs and economic opportunities, providing increased access to healthcare services, enriching educational experiences of students, and improving overall quality of life for all Americans.
Federal Opportunities

**FY 2022 SBIR/STTR Phase I**
Application Deadline: February 22, 2022
Range of Funding: $1 - $200,000

**Native American Congressional Internship:**
Morris K. Udall & Stewart L. Udall Foundation
Application Deadline: January 31, 2022

**Rural Health Network Development Planning Program:**
U.S. Dept. of Health & Human Services
Application Deadline: January 28, 2022

**FY 2021 Historic Preservation Fund - Historically Black Colleges & Universities Grants:**
U.S. Dept. of Interior
Application Deadline: January 25, 2022

Federal Opportunities | State Opportunities | Municipal Opportunities | Nonprofit and Foundation Opportunities
It’s Grant Season! See Winter Funding Opportunities Here!

Posted on December 21, 2021 by Kathy Wibberly

#FUNDING. Here are a list of federal and regional grant and other funding opportunities with either a focus or strong potential for telehealth applications that have winter proposal due dates.

(We recommend that you bookmark this page or add it to your home screen as we will be adding to this list periodically from now through February as more opportunities are announced!)
Thank You, Merci, Gracias y CIAO!
jmajor@telemedicine.arizona.edu