Greater Arizona Educational Leadership

AZBSN Arizona Broadband Stakeholder Network

Arizona Telecommunications and Information Council

September 13, 2021 AZBSN COVID-19 Digital Access Task Force Teleconference Report

Attendees

Steve Peters, Oris Friesen, Henry Goldberg, Mark Goldstein, Robert Alvarado, Tracey Beal, Andrew Bevington, Katie Boddy, Melissa Boydston, Kirk Busch, Maddy Bynes, Erin Carr-Jordan, Steve Crooks, Jerry Crow, Brian Daly, Milan Eaton, Michael Edmonds, Heather Floyd, Cindy Hogan, Shereka Jackson, Ryan Kelly, Debbie Kovesdy, Debra Kurtz, Tarma Liranzo, Ilana Lowery, Derek Masseth, Sophia Mayberry, Will McCullen, Mala Muralidharan, Mauricio Orozco, Cody Pedersen, Lea Marquez Peterson, Lawrie Prickett, Cindi Ptak, Tracy Rexroat, Jenny Rickel, Fernando Roman, Paul Ross, Michelle Simon, Andy Sinclair, Roni Singh, Jeff Sobotka, Tom Tardy, Mike Turner, Rachna Vas, Albert Velarde, Manny Villa, Joy Whiting, Brad Zerbe, Karen Ziegler

Task Force Sponsors, Events & Updates Webpage, Participants List, Kibitzing with Colleagues, Database of Presentations at Task Force Meetings, Arizona Digital Inclusion Directory, Seniors Digital Inclusion, Chicanos Por La Causa Applying for EDA Grant

Task Force Sponsors
Steve Peters again thanked Care1st Health Plan Arizona, Valley of the Sun United Way, the Satellite Broadcasting & Communications Association, and Kajeet for providing sponsorship funding for this task force. The sponsors are displayed on the task force website.

Steve is continuing to seek further funding support for the task force's upcoming work, and welcomes any organizations interested in becoming sponsors.

Task Force Events and Updates Webpage
Steve continues to add information relevant to the task force on the Events and Updates webpage of the task force website. Steve includes a link to this webpage/newsletter in his e-mails to the task force, and strongly encourages task force participants look at this webpage regularly for important information on programs (e.g. federal grant programs), events, and contacts. Steve regularly updates this webpage with new announcements and activities of interest to the task force.

Task Force Participants List
Steve noted that the task force participants spreadsheet is located on the task force website. Steve again asked attendees to fill out the Google form on the website to be included in this

spreadsheet. This is a good place for task force participants who are looking to connect with others on the task force.

Attendees at task force meetings showing their position and contact information are also included in an Appendix of each task force meeting report.

"Kibitzing with Colleagues" Sessions
Steve stated there are now "Kibitzing with Colleagues" sessions held immediately after the Monday morning task force meetings, where task force participants can informally talk, share, or collaborate on any topics of interest.   There will be no agenda, no presentations, and no specified ending time for these sessions.

Database of Presentations at Task Force Meetings
Henry Goldberg constructed a database/spreadsheet of all the presentations (Digital Access Resource Highlights) delivered at our AZBSN COVID-19 Digital Access Task Force Meetings since the task force began operating on March 23, 2020. There have been 46 presentations delivered over the past 18 months through August 30, 2021. The database shows the presentation topic, brief description of the presentation, and the presenter for each meeting.

Steve will convert this database to a Google Sheet which will be posted on the task force website. The Google Sheet will contain links to the corresponding task force meeting report (where the presentation is summarized) and the PowerPoint presentation (if available) or the meeting recording (if available). This Google Sheet will be updated regularly with new presentations that have been delivered.

Arizona Digital Inclusion Directory
Cindy Hogan reported that she is working with Nicole Umayam of the Arizona State Library to prepare an Arizona Digital Inclusion Directory that will be posted on the Connect-Arizona website. This is intended to be a one-stop place where one can find any organization doing work on digital inclusion in the state. Cindy and Nicole are sending out introductory e-mails to invite relevant organizations to be listed in this directory.

Steve commented there are a number of organizations participating in our task force that are working on digital inclusion, and he wants to work on networking these organizations. The Digital Inclusion Directory will be valuable to inform organizations around the state of who is working in this area, encourage collaboration, and avoid duplication of work.

Seniors Digital Inclusion Meetings
Cindy Hogan reported that she is working with AARP of Arizona and the United Way of Tucson & Southern Arizona on organizing efforts to provide digital inclusion services to seniors in the state, and they will be having meetings to discuss this.

Chicanos Por La Causa Applying for EDA Grant
Robert Alvarado, Vice President of Information Management & Technology Management for Chicanos Por La Causa (CPLC), reported that CPLC is looking into applying for an Economic Development Administration (EDA) "Build Back Better Regional Challenge" Phase 1 planning grant (as discussed at the August 30th task force meeting). CPLC has had initial meetings with a group of partners to discuss this. They will be working to determine the focus of this grant, with telemedicine as one possible area under consideration. There will be two meetings this week to continue discussing this.

Steve commented that CPLC is a great organization that works in the five states of Arizona, California, Nevada, New Mexico, and Texas.

Updates: State Broadband Director, AZ State Library, ADE and The Final Mile Project, ACC, Sun Corridor Network

State Broadband Director Update

Jeff Sobotka, State Broadband Director at the Arizona Commerce Authority (ACA), reported on his recent activities.

Jeff reported that the ACA Rural Broadband Development Grants (RBDGs) program has been pushed out to begin on November 1st. The terms and conditions of this program are still being negotiated.

Lake Havasu City has reached an agreement with ALLO Communications, a Fiber-To-The Premise (FTTP) provider headquartered in Nebraska, to provide 10 Gbps symmetrical Internet service to every address in the city. Jeff noted that this will be the best broadband service provided in the state, and he is a big supporter of this.   Mala Muralidharan commented that she would like to look into whether ALLO is eligible to apply for state E-rate grants. Steve Peters commented that a number of new companies are moving into Arizona to offer fiber solutions, and he would like to work with Jeff to provide a directory of such companies. Jeff responded that there are currently about six such companies, but he can only work with Steve on such a directory after the agreements are publicly announced because the negotiations are sensitive.

As reported at previous task force meetings, the ACA retained KPMG as the external consulting firm to provide an update to the 2018 state broadband strategic plan focusing on middle-mile fiber strategy/planning. Mark Goldstein asked Jeff about the timing of the release of the KPMG report. Jeff responded that the final draft of the KPMG report will be ready by mid-October, and the report will be released around November 1st (coinciding with the start of the RBDGs program). Jeff added that the state has announced it will be deploying fiber along I-17 and I-19, and KPMG has examined the ROI of deploying fiber along other state highways and provided new insights on middle-mile fiber deployment.

Jeff will be traveling to northern Arizona this week and southern Arizona next week.

Arizona State Library Update

Mala Muralidharan, E-rate Administrator for Public Libraries at the Arizona State Library, reported on her and Arizona State Library recent activities.

Telehealth in libraries is becoming increasingly important (e.g. with hospital overcrowding in the pandemic) as libraries enable patrons who lack Internet access to connect to their healthcare providers. Libraries may provide space, kiosks, and nurse practitioners for telehealth. The main speaker at a recent SHLB webinar on this topic was Craig Settles, an industry consultant, who has published a guide on providing telehealth in libraries. Janet Major and Mala conducted an Arizona Telemedicine Program "Virtual Office Hours" webinar on September 9th on telehealth in libraries. Janet, Mala, and an NAU telehealth team have been holding meetings over the last month and a half to discuss telehealth in Arizona libraries. Mala has followed up on the SHLB webinar contacting libraries in Indiana and Delaware that are doing telehealth in libraries. Mala is writing a Library Services & Technology Act (LSTA) grant application for telehealth in Arizona

libraries, where nurses/student nurses help patrons in need of telehealth care (e.g. post-operative care) that can also be provided at mobile vans with Wi-Fi access from library parking lots. Shereka Jackson commented that security may need to be guaranteed for such telehealth visits -- Mala responded that they would be using an app that guarantees security and is HIPAA-compliant, and that navigators in the libraries would guarantee security and safety. Mala added that she is interested in offering telehealth in tribal libraries, and Indian Health Services is excited about this.

Arizona has been awarded about $98 million in E-rate funding for the current funding year, which is about 4.6% of the national amount awarded. The FCC has released its draft eligible services list for 2022 E-rate funding. This eligible services list for E-rate reimbursement still does not include cybersecurity, and many schools/libraries would like this to be included. Initial comments are due on this draft eligible services list by September 27th.

The Arizona State Library continues to work on outreach for the FCC Emergency Broadband Benefit (EBB) program (discussed at previous task force meetings). Arizona currently ranks #9 nationally in enrolling low-income households in the EBB program, with over 173,000 households enrolled. There is still a lot of funding remaining in the EBB program and the low-income households that are eligible has recently been expanded.

The FCC Emergency Connectivity Fund (ECF) program (discussed at previous task force meetings) provides $7.17 billion in support to schools and libraries for off-campus primarily home connectivity for students, school staff, and library patrons by covering purchases of broadband connectivity and laptops/tablets, Wi-Fi hotspots, modems, and routers. August 13th was the original deadline for applying for the ECF program, and USAC is working on sending out funding commitments. Arizona applied for about $200 million ($147 per student), which was #6 nationally in how much was applied for in ECF funding. The FCC will be opening a second ECF application window for 15 days from September 28th – October 13th because the summer vacation period for schools limited time for applications, and there is still $2 billion remaining in funding for the ECF program.

The FCC will hold an open meeting on September 30th with the following agenda: promoting more resilient networks; stopping robocalls; spectrum requirements for the Internet of Things; and supporting broadband for tribal libraries under E-rate.

Mala noted that she is also participating in the Chicanos Por La Cause EDA grant application meetings.

See Appendix 1 for Mala's written report providing more details on the E-rate program, EBB program, ECF program, the FCC open meeting, and telehealth in Arizona libraries.

ADE and "The Final Mile Project" Update

Sophia Mayberry, Project Manager and Technology Policy Coordinator in the Office of the Superintendent of Public Instruction at ADE, reported on recent ADE activities, and Milan Eaton, State E-rate Director at ADE, reported on the Emergency Connectivity Fund applications,"The Final Mile Project", and E-rate.

Sophia reported that she has been sharing the Sun Corridor Network cost-free Eduroam service opportunity with schools.

Milan reported that he has been heavily involved in helping schools with applying for funding from the FCC Emergency Connectivity Fund in the 1st window and upcoming 2nd window (as discussed by Mala Muralidharan above Arizona applied for $200 million in the 1st window). Milan noted that two of the ECF filings in the 1st window applied for funding to build new broadband infrastructure, and two filings in the 2nd window will apply for funding to build new broadband infrastructure.

Milan reported on "The Final Mile Project" (discussed at previous task force meetings), which is funded by ADE. They had released five RFPs for five different school districts. All five RFPs have received successful bids in demonstrating the proof-of-concept requested, and the Final Mile Project Consortium Board has approved all five projects. They are now trying to build awareness of the successful concepts for last-mile access, and Milan is doing a presentation on this on Friday September 17th. They are interested in extending The Final Mile Project to the school districts most in need of Internet access (e.g. St. Johns in Apache County and in the Little Colorado River area).

Milan noted that he really wants security added to the FCC E-rate eligible services list for schools because education networks should be secure in handling student data.

Steve Peters noted that The Final Mile Project Consortium has a Board of Directors, and Milan added that the Arizona Rural Schools Association has elected this Board. Milan explained that each project is chaired by the corresponding local school district superintendent, which evaluates the RFP bids collected by the consortium and makes local decisions. Milan added that he will manage the associated construction projects. Steve added that some task force participants may be interested in extending The Final Mile Project approaches to communities, and he may have Jerry Crow look at cybersecurity issues.

ACC Update

Lea Marquez Peterson, Commissioner and Chair of the Arizona Corporation Commission (ACC), reported on her and recent ACC activities.

Lea explained that the ACC regulates the utility industry, and has some limited jurisdiction over telecommunications service providers.

Lea reported that she participated in a Center for Public Utilities conference where the following topics were discussed: Eligible Telecom Carriers (ETCs) approvals for getting grants; pole attachments and associated role of public utility commissions; 911 service reliability/redundancy; Lifeline and Emergency Broadband Benefit programs advocacy; coordination of federal broadband funding programs; and President Biden's need to appoint a 5th FCC commissioner.

Sun Corridor Network Update

Derek Masseth, Executive Director of the Sun Corridor Network (SCN), reported on recent SCN activities.

Derek noted he is excited about working on the Eduroam partnership with schools mentioned above by Sophia Mayberry.

Derek reported that the I-17 middle-mile fiber deployment will be breaking ground by October 1st.

Steve Peters noted that there is a rural schools conference on Friday September 17th in Flagstaff, and Derek may want to participate in that.

Local First Arizona Economic Recovery Center Presentation

Kimber Lanning, CEO of Local First Arizona, presented to our task force on May 10, 2021 on their newly-launched Arizona Economic Recovery Center that will enable more qualified Arizona cities, towns, counties, and non-profit organizations to win competitive federal, state, and foundation grants. Steve Peters asked Katie Boddy, Manager of the Arizona Economic Recovery Center, to collaborate with our task force on helping communities and non-profit organizations with funding, technical assistance, and planning resources for their broadband and digital access initiatives. This is consistent with our task force digital access strategy report to find new funding sources for broadband/digital access in the state. Following is a summary of key points from Katie Boddy's presentation, and the full presentation and meeting recording will be posted on the task force website.

The Local First Arizona "Arizona Economic Recovery Center (AZERC)" began its operations in April 2021, motivated by the new federal stimulus funding for broadband/digital equity and the needs of communities/non-profits to improve the quality and competitiveness of their grant proposals. It is focused on assisting three types of organizations: non-profit organizations, rural communities/municipalities, and tribal organizations.

The AZERC has the following priorities in helping these communities and organizations to compete more successfully for grant funding: finding the right grant fit opportunities, fill resource & expertise gaps by providing a roster of consultants; increase grant submissions; develop grant-seeking skills; improve collaboration and build strategic relationships; improve proposal quality; and benchmark their success against other states.

The AZERC performs the following functions: researches and simplifies grant opportunities; identify funding sources for large and small projects; connects funding sources to communities in need of funding; and provides the capacity for grant writing, facilitation, and project management to ensure high success rates for qualifying communities and non-profits.

They issue a newsletter with a customized list of grant opportunities every Monday. This lists federal, state, municipal, and foundation grants. One can sign up to receive this free newsletter at www.economicrecoveryaz.com.

If a community/organization has identified a grant for which they wish to apply or if they need help deciding on an appropriate grant, the Economic Recovery Center will set up a strategy meeting (may be by Zoom) to discuss the appropriate grant and provide assistance in applying for it in the most effective manner. Their roster of consultants with the necessary expertise (who are paid by the AZERC) can help with grant writing or just provide needed support. The AZERC provides these services/resources free of charge (enabled by its sponsors) to eligible organizations who do not have dedicated grant writing staff, have at least 3 partnering organizations, interest in working on a regional or local strategic plan, and have an idea that can be initiated before 2023.

Katie noted that the Economic Recovery Center has worked with 98 entities in Arizona, found funding sources for 38 of them, and have won funding for 4 of these so far. Katie is happy to make a presentation to any organizations interested.

Steve Peters concluded saying that Katie Boddy is the key contact person for those interested in the Local First Arizona AZERC, encourages task force participants to sign up for their newsletter, and though a lot of broadband infrastructure funding will come from government sources digital inclusion funding may come from other sources where the AZERC can be particularly helpful.

Next Steps

The next AZBSN COVID-19 Digital Access Task Force overall meeting will be held on Monday, September 20th at 7:30 am.

Henry Goldberg and Oris Friesen will write up a summary report of today's task force meeting.

Appendix 1: Mala Muralidharan Report on: E-rate Program, FCC Emergency Broadband Benefit (EBB Program), Emergency Connectivity Fund (ECF), FCC Open Meeting, Telehealth in Libraries

E-rate : AZ
On August 27, 2021, the Federal Communications Commission released the draft Eligible Services List for Funding Year 2022.
Initial comments to the draft Eligible Services List are due on September 27, 2021, with reply comments due October 12.
The FY2022 draft ESL is in WC Docket No. 13-184
21 Waves of Funding has beenawarded **totaling 2.14 B of that AZ has received approval for 98.3 M Approx 4.6%**

Emergency Broadband Benefit
173,484AZ households have applied so far.Arizona has moved up to9th place.

Claimed Support – Monthly

	Total	Monthly Broadband Support	One-Time Connected Device
May Claims	$70,366,546	$69,962,673	$403,873
June Claims	$126,204,757	$117,726,235	$8,478,522
July Claims	$181,452,180	$160,374,360	$21,077,820

On September 9, 2021, the FCC released a Public Notice, announcing that it will expand the school years that will be acceptable for eligibility determination purposes for the Emergency Broadband Benefit Program (EBB). Households that can demonstrate participation in the free and reduced-price school lunch program or school breakfast program for the FY2021-2022 school year will now be eligible for the benefit.The Commission allow proof of enrollment in these programs for either the 2019-2020 or 2020-2021

school year, "given that many schools have been closed since mid-March 2020 due to the pandemic and students may not be enrolled in the programs" in the 2020-2021 school year

For Emergency Broadband Benefit general program information: Email: BroadbandBenefit@fcc.gov ; Online: fcc.gov/broadbandbenefit

Resources : For questions about the status of an online or paper application,or questions about the application process including documents needed,contact the Universal Service Administrative Company (USAC) at: Email: EBBHelp@usac.org ; Phone: **1-833-511-0311** ; Online: GetEmergencyBroadband.org

Emergency Connectivity Fund: Second ECF Filing Window Opens September 28 and closes to October 13. The initial filing window, which closed August 13, 2021, received requests for $5.137 billion of the $7.17 billion Emergency Connectivity Fund Program. . Together with the Emergency Broadband Benefit Program, the Federal Government is investing more than $10 billion in American students and households, so more Americans can connect, communicate, and use the internet productively. Arizona Applicants applied for $200M and is 6th Nationally. AZ's ask was approx. $147 per student

FCC Open meeting On September 9, 2021, the FCC released a tentative agenda for an Open scheduled for Thursday, September 30, 2021.

The FCC announcement can be viewed here

- Promoting More Resilient Networks – The Commission will consider a Notice of Proposed Rulemaking to examine the Wireless Network Resiliency Cooperative Framework, the FCC's network outage reporting rules, and strategies to address the effect of power outages on communications networks.

- Shielding 911 Call Centers from Robocalls. Stopping Illegal Robocalls From Entering American Phone Networks.

- Spectrum Requirements for the Internet of Things – The Commission will consider a Notice of Inquiry seeking comment on current and future spectrum needs to enable better connectivity relating to the Internet of Things (IoT).

- Supporting Broadband for Tribal Libraries Through E-Rate – The Commission will consider rules to amend the definition of library and to clarify Tribal libraries are eligible for support through the E-Rate Program.

Telehealth and Libraries: There was a telehealth hour webinar on Sept 9th where Janet Major and Mala Muralidharan will share what was learned and brainstorm what AZ can do. Telehealth in libraries is becoming increasingly important. Libraries play a critical role in maintaining the welfare and safety of our communitiesand enabling patrons who may lack internet access to connect to their healthcare providers. Highlighted Join Craig Settles, "Telehealth Guide to Connecting Library Patrons to Better Health," Indiana Library Federation's Michael Williams, and ENA's Brian Hubbard best practices and tips for getting started in telehealth. We shared

what Telehealth looks like in a library setting, use cases of AZ libraries that established their telehealth programs. We were encouraging that Indian Health Services attended.

Appendix 2: Chat from Zoom

Mark Goldstein to Everyone (7:36 AM)
Pew Research Center recently released their "The Internet and the Pandemic Survey" results with details and downloadable PDF at https://www.pewresearch.org/internet/2021/09/01/the-internet-and-the-pandemic/ FYI.

Debbie Kovesdy to Everyone (7:42 AM)
We love working with CPLC in mentoring and teaching kids in technology careers. We've worked with Antonine.

Cindy Hogan to Everyone (7:42 AM)
All, Maddy corrects me and I want to clarify that the task force for older adults is actually hosted at PCOA. Liz with UWTSA is the chair as one of the partners! Sorry for the misattribution!

Debbie Kovesdy to Everyone (7:42 AM)
Thank you Mark that Pew sheet is extremely interesting

Robert Alvarado to Everyone (7:45 AM)
Thank you Debbie for working with us. That is probably with our Carl Hayden community center. Great program let me know if you need anything else. Roni I can give you call and fill you in on what we do. Thank you

Tom Tardy to Everyone (7:46 AM)
BAA
Encrypted
No offshoring

Mark Goldstein to Everyone (7:46 AM)
Pew Trust & CCG Consulting have just released their extensive primer on "The Rural Broadband Industry" detailing the providers serving the rural broadband market, the challenges they face, and how high-speed networks are funded in rural areas with report overview and downloadable PDF at https://www.pewtrusts.org/en/research-and-analysis/white-papers/2021/09/multiple-barriers-to-can-hinder-rural-broadband-deployment FYI.

Cindy Hogan to Everyone (7:50 AM)
https://connect-arizona.com
cindyhogan333@gmail.com

Manny Villa to Everyone (7:50 AM)
Thank you Cindy.

Tracey Beal to Everyone (7:51 AM)
Well done Connect-Arizona team!

Mauricio Orozco to Everyone (7:57 AM)
https://www.allocommunications.com/

Tom Tardy to Everyone (8:01 AM)
Security is expensive, but is for sure needed.

Mark Goldstein to Everyone (8:05 AM)
LightBox has just released an alternate broadband availability map based on actual Internet service delivery to households and others in what they call a Broadband Serviceable Location Fabric informed in part by the presence of Wi-Fi routers. Free public version at the census track level available at https://www.lightboxre.com/solutions/connectivity-map/ with subscription access down to individual structure broadband details with additional data layers at added cost.

Tom Tardy to Everyone (8:11 AM)
We can help with that.

Debbie Kovesdy to Everyone (8:13 AM)
There have been 5 large Cybersecurity conferences in the Phoenix area alone in the past month. Huge presence that seemingly only tech people have a sense of how important this industry is

Mala Muralidharan to Everyone (8:13 AM)
Feel better Milan! Rest up . Let me know how I can help. Appreciate all you do!

Tom Tardy to Everyone (8:13 AM)
Email me at tom@gingersec.com. We can help with the security side of the world. Phoenix is one of the hubs for security profesionals.

Mala Muralidharan to Everyone (8:15 AM)
Lea we have a Pole Attachment group at SHLB discussing this. Let me know if you would like to be apart of the conversation

Paul Ross to Everyone (8:16 AM)
I would love to serve on the FCC.

Sophia Mayberry to Everyone (8:17 AM)
that conference is th and Fri derek
i would look at whats offered. outside of being a vendor whichits probably too late for im not sute what

Joy Whiting to Everyone (8:20 AM)
Thanks Milan!!

Ilana Joy Lowery to Everyone (8:28 AM)
Is the site ecomonicrecoveraz.com or economicrecoveryaz.com?

economicrecover.com doesn't work so it must be recovery (typo on your slide).

Tracey Beal to Everyone (8:29 AM)
economicrecoveraz.com

Mauricio Orozco to Everyone (8:29 AM)
https://localfirstaz.com/economic-recovery-center

Ilana Joy Lowery to Everyone (8:31 AM)
Thanks Mauricio. It was a typo on the slide I think

Mark Goldstein to Everyone (8:32 AM)
Lots more bandwidth gonna be needed for our AR/VR educational future. The Information Technology & Innovation Foundation (ITIF) recently published "The Promise of Immersive Learning: Augmented and Virtual Reality's Potential in Education" summarized and available for download at https://itif.org/publications/2021/08/30/promise-immersive-learning-augmented-and-virtual-reality-potential FYI.

Tracey Beal to Everyone (8:35 AM)
Great program, Katie! Thank you!

Roni Singh to Everyone (8:35 AM)
Thank you Katie.

Heather Floyd to Everyone (8:35 AM)
Local First is doing great things for AZ!

Appendix 3: Registration Information for Attendees at Today's Task Force Meeting

First Name	Last Name	Job Title	Organization	Email	Phone	Mobile
Robert	Alvarado	VP IMTS	CPLC	robert.alvarado@cplc.org		
Tracey	Beal	CEO	School Connect	tracey@schoolconnectaz.org		
Andrew	Bevington	Director Business and Education Partnerships	PCSO	andrew.bevington@pima.gov	15207248213	
Katherine	Boddy	Arizona Economic Recovery Center Manager	Local First Arizona	katiedboddy@gmail.com	4809809617	4809809617
Melissa	Boydston, Ed.D	VP	VSUW	MBOYDSTON@VSUW.ORG	6026314800	
kirk	busch	ceo	bdsw	kirk.busch@bigdatasw.org		
Maddy	Bynes	Director	Arizona Association of Area Agencies on Aging	mbynes@pcoa.org	5203075751	
ERIN	CARR-JORDAN	HEAD OF SOCIAL IMPACT	ASU	ECARRJORDAN@ASU.EDU	6023213304	
Steve	Crooks	Owner	MDT Consulting	stevefcrooks@gmail.com	5208589109	5208589109
Jerry	Crow	Cybersecurity Professional	Digital Forensics and Cloud Security	jerry.crow@computer.org	4804515954	
Brian	Daly	Assistant Vice President	AT&T	brian.k.daly@att.com	4252417544	
Milan	Eaton	Erate	Arizona Department of Education	milangeaton@gmail.com	6233326357	16233326357
Mike	Edmnds	Secretary	Tucson House Residents Council	mikemedmonds1@gmail.com	929-244-9477	929-244-9477
Heather	Floyd	Public Relations Specialist	Valley TeleCom Group	heather.floyd@teamvtg.net	5203848912	5203496658
Oris	Friesen	Secretary	ATIC	oris@cox.net	6026891084	
Henry	Goldberg	Vice Chair	ATIC	hgold52@aol.com	480-609-9279	480-433-3536
Mark	Goldstein	President	International Research Center	markg@researchedge.com	602-470-0389	
Cindy	Hogan	Literacy Connects Digital Equity Ambassador	Literacy Connects	cindyhogan333@gmail.com		
Shereka	Jackson	CEO	Future Stars	futurestarsaz@hotmail.com		
Ryan	Kelly	Field Director	Pima Area Labor Federation, AFL-CIO	rkelly@azaflcio.org	5202560995	
Debbie	Kovesdy	CEO	GenTech	debbie@gentechsupport.com	6025711014	
debra	kurtz	Associate University Librarian	arizona state university	dhankenk@asu.edu	9196042100	
Tarma	Liranzo	Program Manager	ETS	tarma.liranzo@ets-pllc.com		704 606 4404
Ilana Joy	Lowery	Arizona Director	Common Sense Media	ilowery@commonsense.org	6233410177	
Lea	Marquez Peterson	Chair	Arizona Corporation Commission	lmarquezpeterson@azcc.gov		
Derek	Masseth	Executive Director	Sun Corridor Network	dmasseth@suncorridor.org		
Sophia	Mayberry	Sjjs	Shjs	Sophia.mayberry@azed.gov		
Will	McCullen	IT CoE Program Manager	Pima Community College	jwmccullen@pima.edu		
Mala	Muralidharan	State E-rate Administrator	Arizona State Library	mala@azlibrary.gov	14802215120	
Mauricio	Orozco	Community Engagement Manager	Care1st Health Plan Arizona	morozco@care1staz.com	14802823631	
Cody	Pedersen	PM	Smith Bagley Inc. dba Cellular One	cpedersen@cellularoneaz.com	19282053395	
Lawrie	Prickett	Irds	Sbi	Lprickett@cellularoneaz.com		
Cindi	Ptak	Economic development representative	Eda	Cptal@eda.gov		
Tracy	Rexroat	Program Specialist	Az Department of Education	tracy.rexroat@azed.gov	6023640322	
Jenny	Rickel	COO	Native Network, Inc.	jrickel@nativenetwork.com	5093000102	5096615100
Fernando	Roman	Executive Vice President	Communications Workers of America	froman@cwa7026.com	5207097199	
Paul	Ross	AVP CIO	Phoenix College	paul.ross@phoenixcollege.edu	6022857855	
Andy	Sinclair	CAPS Capacity Development Coordinator	Arizona Department of Economic Security Division of Aging and Adult Services	asinclair@azdes.gov	14802632271	14802632271
Roni	Singh	ERN- CRC Director	Sahuarita Food Bank	rsingh@sfb-crc.org	520-393-9872	
Jeff	Sobotka	State Broadband Director	ACA	jeffs@azcommerce.com		
Tom	Tardy	CEO	GingerSec	Tom@gingersec.com	602-416-2102	
Mike	Turner	Director Sales West	Sierrra Wireless	mturner@sierrawireless.com		
Rachna	Vas	Program Manager	Microsoft	rachnavas@microsoft.com	2026770991	2026770991
Albert	Velarde	Account Manager	SBI	avelarde@cellularoneaz.com		
Manny	Villa	Director of Information Technology	Sahuarita Unified School District	mvilla@sahuarita.net	5.20625E+13	
Joy	Whiting	Apache County School Superintendent	Apache County	joy.joywhiting@gmail.com	9283377539	
Brad	Zerbe	Principal	AZ Government Consulting, LLC	zerbebrad@gmail.com	6233320506	6233320506
Karen	Ziegler	Principal	Karen Ziegler Consulting Services	karen.ziegler@karenzieglerconsulting.com	6027992816	