

August 16, 2021 AZBSN COVID-19 Digital Access Task Force Teleconference Report

Attendees

Steve Peters, Oris Friesen, Henry Goldberg, Mark Goldstein, Tracey Beal, Andrew Bevington, Kate Boettcher, Kirk Busch, Gene Carl, Erin Carr-Jordan, Oliver Carter, Michael Cohen, Josh Cohn, Jerry Crow, Brian Daly, Lindsay Dietz, Milan Eaton, Michael Edmonds, Marcelino Flores, Heather Floyd, Lisa Gustinelli, Ian Hathcock, Cindy Hogan, Shereka Jackson, John Kelly, Debra Kurtz, Ilana Lowery, Derek Masseth, Sophia Mayberry, Will McCullen, Randy Mifflin, Mala Muralidharan, Mauricio Orozco, Chris Pasterz, 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, David Soffer, Manny Villa, Brad Zerbe, Karen Ziegler

Task Force Participants List, “Kibitzing with Colleagues”

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 will now be “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. The first session will occur after today’s task force meeting.

Updates: State Broadband Director, AZ State Library, ADE, ACC, Sun Corridor Network. AZ Technology Council Public Policy Guide

State Broadband Director Update

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

Jeff has been actively involved in a large state grant application for the NTIA Broadband Infrastructure Grants Program.

Jeff is hoping for an announcement from the Governor in August about the state Rural Broadband Development Grants (RBDGs) program funding, and expects the ACA to move ahead with taking applications for this program this fall.

The ACA retained KPMG as the external consulting firm to provide an update to the state broadband strategic plan focusing on middle-mile fiber strategy/planning. Jeff stated the results of the KPMG report will be shared in early October.

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.

Mala reported that about \$1.9 billion has been awarded so far nationally for the E-rate program, and Arizona has received \$96.4 million which is about 5% of the national amount awarded. Arizona has additionally applied for E-rate grants which have not been funded yet: \$890 million for school districts, \$20 million for libraries, \$35 million for schools, and \$281 million for consortiums. Mala added that there are constraints on fiber deployments nationally due to weather conditions. Milan Eaton commented that there has not been an issue with fiber deployments in Arizona, and fiber construction projects are going ahead when funded though there are permitting issues that can slow things down due to environmental regulations (e.g. in the Tonto National Forest).

The Arizona State Library continues to work on outreach for the FCC Emergency Broadband Benefit (EBB) program (discussed at previous task force meetings). Arizona ranks among the top 15 states in enrolling low-income households in the EBB program, with about 98,000 households currently enrolled.

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 deadline for applying for the ECF program. Mala stated that the ECF is being used more by schools than libraries because libraries have difficulties meeting the 10-year record keeping requirements and do not have the manpower to manage this program as required. Mala stated that a number of Arizona libraries have inquired about the ECF program, but she does not have figures on the number of Arizona libraries that applied for this program.

The bipartisan Infrastructure Investment and Jobs Act proposes \$65 billion for broadband funding which includes \$42.5 billion for state broadband block grants (as discussed at the last task force meeting), about \$60 million for state planning grants under the Digital Equity Act component (\$2.75 billion), \$1 billion for middle-mile networks, \$2 billion for tribal connectivity, and extends the EBB program. Mala emphasized that there should be a plan as to how to use state broadband funds that could be awarded in the most effective manner because this is a rare opportunity.

See Appendix 1 for Mala's written report providing more details on the E-rate program, EBB program, ECF program, and Infrastructure Investment and Jobs Act.

ADE Update

Milan Eaton, State E-rate Director at the Arizona Dept. of Education (ADE), and Sophia Mayberry, Project Manager and Technology Policy Coordinator in the Office of the Superintendent of Public Instruction at ADE, reported on recent ADE activities.

Milan reported that there were 282 Arizona school applications for the FCC Emergency Connectivity Fund (ECF) program.

Milan stated that five RFPs were put out for “The Final Mile Project” as discussed at previous task force meetings. One project for the Paloma Elementary School District (in Maricopa County) has been awarded. Because the initial responses for the other four RFPs were incomplete, these other four RFPs have been re-issued for bids. Sean Rickert is the new Chair of The Final Mile Project Consortium Board.

Tracey Beal, CEO of School Connect, thanked Milan Eaton and Wes Brownfield, Executive Director of the Arizona Rural Schools Association, for assisting School Connect with the distribution of donated computers.

Sophia noted that schools are busy dealing with the COVID-19 challenges for the new school year.

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.

The ACC is considering reforming the Arizona Universal Service Fund (AUSF) to support broadband in high-cost rural areas (as discussed at previous task force meetings).

The National Association of Regulatory Utility Commissioners (NARUC) Broadband Expansion Task Force, in which Lea participates, released their recommendations report. The recommendations focus on five areas: broadband mapping, enhancing broadband program coordination, ensuring that broadband providers meet their obligations, supporting non-traditional providers, and adopting broadband. Lea posted a link in the Appendix 2 Chat to a press release on these recommendations.

Lea noted that the ACC is reviewing Frontier 911 outages and the Wavelength LLC RDOF grant funding in its work to ensure service providers are meeting their obligations.

Sun Corridor Network Update

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

Middle-mile fiber deployment along I-17 may begin in early September

The SCN is involved with the Yuma County planning grant for a research & education network in support of precision agriculture curriculum in that region.

The SCN is extending the Eduroam service in Yavapai County schools and libraries.

The SCN is continuing its connectivity to the home project for the Isaac School District in Phoenix.

Steve Peters asked if the SCN is considering becoming a 501(c)(3) organization. Derek responded that may be a possibility in the future if their activities were constrained by being part of ASU but that is not the case now.

Arizona Technology Council Public Policy Guide Update

Mark Goldstein, Chair of the Arizona Telecommunications & Information Council (ATIC), provided an update on the Arizona Technology Council 2022 Public Policy Guide. Mark is working with Jeff Sobotka to write the broadband sections (a 4-page state broadband section and 4 or 5-page federal broadband section) of this public policy guide. A lot of what was recommended in the 2021 Public Policy Guide is happening, and they will be supplementing last year's broadband sections with some new material such as new work of the SCN, the KPMG report, and the "Lighting Up the Future" project (discussed at previous task force meetings). They are in the editing cycle now and waiting for inputs from others.

Steve Peters will e-mail the draft broadband sections of the 2022 public policy guide to the task force. Mark and Jeff will overview what is in these sections at an upcoming task force meeting.

EDA "Investing in America's Communities" Grant Programs Presentation

Jeff Sobotka introduced Cindi Ptak, Arizona's Economic Development Administration (EDA) representative. Jeff noted that the Arizona Commerce Authority (ACA) works closely with EDA on a lot of initiatives, and Cindi is a big supporter of the ACA. Jeff added that EDA is doing important work in broadband, and Cindi's background in transportation work with the federal government enables her to understand the permitting and rights-of-way issues associated with broadband infrastructure deployment. Cindi delivered a presentation on EDA's new \$3 billion "Investing in America's Communities" grant programs funded by the American Rescue Plan Act (ARPA) of 2021. Following is a summary of key points from the presentation, and the full presentation and recording of the meeting will be posted on the task force website.

EDA's mission is to increase America's global competitiveness, support community-led economic development, and help communities develop resilient and agile local economies. EDA's investment priorities are equity, recovery & resilience, workforce development, manufacturing, technology-based economic development, environmentally-sustainable development, and exports & foreign direct investment. EDA has a website discussing these investment priorities (<https://eda.gov/about/investment-priorities>).

Since the COVID-19 pandemic, EDA has assigned one representative per state – Cindi came from the Federal Highway Administration and has a two-year assignment in Arizona. She has connected with the four economic development districts in the state, as well as others.

The new EDA grants program, historic in its size, is intended to be transformational and is looking for new innovative proposals. It will support economic development focused on advancing equity, creating good paying jobs, helping workers to develop in-demand skills, building economic resilience, providing broadband funding, and accelerating the economic recovery for the industries and communities hit hardest by the COVID-19 pandemic (e.g. tribes and tourism). The EDA approach is bottom-up economic development where communities determine where the investment funding should go.

There are 6 Notice of Funding Opportunities (NOFOs) under the new EDA \$3 billion grants program. Cindi overviewed these 6 NOFOs: 1) Statewide Planning, Research & Networks (\$90 million); 2) Build Back Better Regional Challenge (\$1 billion); 3) Travel, Tourism & Outdoor Recreation (\$750 million); 4) Economic Adjustment Assistance (\$500 million); 5) Indigenous Communities (\$100 million); 6) Good Jobs Challenge (\$500 million).

Part of EDA's funding is a \$300 million coal communities commitment which is allocated under two of these NOFOs, and 25% is allocated for the Tourism area. Both of these areas are of particular relevance to Arizona.

Following is a brief summary of each of the NOFOs.

Statewide Planning, Research & Networks provides \$59 million for statewide planning (\$1 million to each state) and \$31 million for research and evaluation of effectiveness of EDA programs and launch of communities of practice across EDA stakeholders.

The Build Back Better Regional Challenge is intended to transform economically-distressed communities through investments in regional growth clusters (such as manufacturing clusters, services clusters, entrepreneurship clusters). Proposals should include regional coalitions with industry support. There will be \$100 million of the coal communities commitment allocated under this NOFO. Funds will be allocated in two phases: Phase 1 is for technical assistance grants to finalize plans (application deadline Oct. 19th) and Phase 2 is for regional implementation grants.

Travel, Tourism & Outdoor Recreation consists of \$510 million for state grants (allocated to each state) and \$240 million in challenge grants that are competitively awarded to assist communities that suffered economic injury because of job losses in tourism.

Economic Adjustment Assistance invests in infrastructure, technical assistance, and planning through competitive grants available to every community. This is the most flexible NOFO where one can fit projects not appropriate for another NOFO, but also the most competitive category. There will be \$200 million of the coal communities commitment allocated under this NOFO.

Indigenous Communities funds economic growth and recovery from the pandemic in Indigenous communities, and is open only to tribes.

Good Jobs Challenge is intended to get Americans back to work by establishing/strengthening regional systems to train workers for in-demand skills and fill in gaps in the workforce.

Broadband grants must be linked to economic development and will most likely fall under the Build Back Better Regional Challenge or Economic Adjustment Assistance, and may also be related to Tourism.

Cindi emphasized that this new EDA grants program will expand EDA's reach and enable larger projects than ever before through community-led economic development.

The next steps to apply for the EDA grants program are:

- 1) Read the NOFO and eligibility requirements for each program.
- 2) Find your Economic Development District for planning support and technical assistance.
- 3) Connect with the Arizona EDA representative (Cindi Ptak).

The EDA grants program website is: www.eda.gov/arpa. This website provides the NOFO overviews, information on webinars, and FAQs.

Cindi will be looking to collaborate with Arizona communities to enable successful EDA grant applications, and emphasized that effective overall collaboration is key in these grant applications.

Jeff Sobotka hosted a webinar by Cindi for Arizona communities, which was recorded and should be posted on the ACA website. Cindi noted that she is also working with Keith Watkins of ACA to do another ACA webinar.

Roni Singh and Ilana Lowery asked if non-profit organizations are eligible for this EDA grants program. Cindi replied that they are eligible but they must be working with a political subdivision of the state, and for-profit entities or individuals are not eligible.

Josh Cohn, Program Coordinator for Pima County, commented that EDA proposals take a lot of effort and asked if there are resources on the EDA website describing past successful applications. Cindi responded that this new EDA grants program is transformational so past applications are not as relevant, but the EDA website newsroom shows projects that have been funded in the past which could be useful if projected to the new program. Cindi added that the NOFOs are very specific about what they are looking for in the applications, and the applications are complex particularly for construction projects. The Build Back Better Regional Challenge has a tight Phase 1 deadline so construction planning should be done in tandem. Cindi emphasized that it is important that the projects emanate from the communities. Also Tourism is a new grant area.

Steve Peters remarked that Cindi will be getting together with a group of people from Pima County.

Steve asked if there are matching requirements for the EDA grants. Cindi responded that tribes are entitled to 100% EDA funding, but there is typically a 20% applicant matching requirement (i.e. 80% federal share / 20% applicant share). The match can be a combination of cash or in-kind contributions that contribute to completing the project such as staff time. Cindi added that the greater the match provided tends to make the application more competitive.

Michael Cohen asked if water districts or school/library districts can apply, and Cindi replied that these are typically eligible as government entities.

Next Steps

The next AZBSN COVID-19 Digital Access Task Force overall meeting will be held on Monday, August 23rd 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), Infrastructure Investment and Jobs Act

E-rate : AZ Waves of Funding has been awarded totalling 1.9 B of that AZ has received 96.39 M Approx 5%

- Pending by service category:
 - Internet Access: \$559 million
 - Internal Connections: \$632 million
 - Managed Broadband: \$18 million
 - Basic Maintenance: \$18 million
- Pending by applicant type:
 - District: \$890 million
 - Library: \$20 million
 - School: \$35 million
 - Consortium: \$281 million

Fiber Buildout: Biggest issue is shortage of Fiber...Luckily not affecting AZ although Milan spoke about the delays in permitting process. There are many variables which go into fiber buildout including location, availability of infrastructure for attachment (i.e. power poles), underground composition (sand, rock, clay,etc...); environmental issues; weather conditions.

Here is an article on fiber and other challenges that will likely stymie expansion efforts:

<https://arstechnica.com/information-technology/2021/08/att-delays-500000-fiber-to-the-home-builds-due-to-severe-fiber-shortage/>

Emergency Broadband Benefit

97,768AZ households have applied so far.Arizona is still among the top 15 States. 850XXX 29,000 households. 853XXX 197,000; 857XXX 22400

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

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

Emergency Connectivity Fund: Friday 13th was the last day.

What now? Applicants occasionally make data entry and other similar form errors on their application forms. Applicants can request ECF FCC Form 471 modifications in the ECF Portal during ECF Program Integrity Assurance (PIA) review. The PIA reviewer with as much detail as possible about the requested form correction(s). USAC will inform you in your Funding Commitment Decision Letter (FCDL) if your ECF FCC Form 471 correction was allowable and if it was processed.

USAC will issue a Funding Commitment Decision Letter (FCDL) to both the applicant and the service provider in the ECF Portal after we have reviewed the funding request(s) included in the ECF FCC Form 471 application. If applicants have questions, they can contact the ECF Customer Service Center or create a customer service case in the ECF Portal.

- Record keeping about who borrowed the Hot Spots and Laptops. Libraries have very strong privacy policies to protect academic freedom for everyone. The Integrated Library Systems (ILS) do not retain the data. So Libraries have to maintain this manually.
- FTE involvement to make this work
- Loss and damage of equipment–Libraries do not have the manpower to repair damaged equipment nor go after those that walk-away

Infrastructure Investment and Jobs Act: After months of talks, the U.S. Senate passed the Infrastructure Investment and Jobs Act today in a 69-30 vote. The bipartisan bill totalling 1\$trillion includes a \$65 billion broadband proposal, designed to “connect every American to reliable high-speed internet,” according to the White House.

The “Infrastructure Investment and Jobs Act” sets aside for broadband and historic levels of support for digital inclusion.

Below is a breakdown of the funding allocations relevant to the digital inclusion world:

Digital Equity Act: \$2.75 billion (over 5 years)

- \$60 million for state planning grants
- \$1.44 billion for state implementation grants
- \$1.25 billion (\$250 million a year for 5 years) for competitive grant program

Broadband Grants for States, DC, Puerto Rico & Territories: \$42.5 billion

- This is a new grant program the National Telecommunications and Information Administration (NTIA) will manage. The deployment funds will be issued as block grants to states with rules defined by the NTIA.
- In addition to deployment, states can use funds from these grants for digital equity uses, including:
 - To deploy affordable networks in low-income, multi-family buildings
 - To promote broadband adoption
 - Deployment grant recipients (ISPs) must offer a ‘low-cost’ or affordable plan for consumers.

Broadband Benefit: \$14.2 billion

- Extends and amends the Emergency Broadband Benefit Program, including changing the name to the “Affordable Connectivity Program,” paving the way for a permanent program
- All internet service plans are required to be eligible for the Affordable Connectivity Program
- The program benefit is reduced to \$30/month
- Eligibility for the program is increased from 135% of poverty line to 200% of the poverty line

Tribal Connectivity Program: \$2 billion

- Extends the Tribal Connectivity Program created by Congress in the Consolidated Appropriations Act, 2021 (CAA)

Middle Mile Connectivity: \$1 billion

- Creates a grant program at NTIA for expanding middle mile access, which will help connect unserved anchor institutions and make last-mile buildout to unserved households easier and cheaper

Digital Discrimination

- The bill text outlines “digital discrimination” (a softened definition of digital redlining) and charges the Federal Communications Commission (FCC) with creating rules to enforce

Appendix 2: Chat from Zoom

Manny Villa to Everyone (7:35 AM)

Good morning everyone! My district is going through some events that may require my presence... So I probably will be leaving the meeting. Thank you.

Ilana Lowery to Everyone (7:42 AM)

Sharing Forbes article on digital divide:

<https://www.forbes.com/sites/shelleyzalis/2021/08/12/techquity-unlocking-economic-opportunity-by-removing-the-digital-divide/?sh=587cf7c91570>

Shereka Jackson to Everyone (7:43 AM)

Can you please mute your lines? Hearing a lot of background noise.

Lea Marquez Peterson to Everyone (7:45 AM)

Good morning! See the recommendations by the NARUC Broadband Taskforce at <https://www.naruc.org/about-naruc/press-releases/naruc-task-force-issues-recommendations-for-improved-broadband-access/>

Sophia Mayberry to Everyone (7:46 AM)

schools especially in rural areas are also busy right now with all the covid challenges

Manny Villa to Everyone (7:48 AM)

I agree Sophia... It started again.

Will McCullen to Everyone (7:48 AM)

Hear hear.

Cindy Hogan to Everyone (7:48 AM)

Here here!!!!

Hear Hear!

Jeff Sobotka to Everyone (7:54 AM)

Will need to drop off early today. Please call or text me if you need to get a hold of me today or tomorrow (602-432-0004).

Manny Villa to Everyone (7:56 AM)

Thank you, Jeff.

Milan Eaton to Everyone (8:03 AM)

Dropping off for my 8AM call. Have a great day!

Josh Cohn to Everyone (8:15 AM)

Apologies, I thought I was muted.

Mark Goldstein to Everyone (8:17 AM)

Here's an interesting article from Axios, "Big Telecom comes out on top in \$65B broadband upgrade" from 8/10 at <https://www.axios.com/telecom-65b-broadband-upgrade-9c629de6-9338-4a74-8946-c7448322c03e.html> FYI.

Mark Goldstein to Everyone (8:19 AM)

Details of the Broadband Equity, Access and Deployment (BEAD) Program in the current infrastructure bill are beginning to emerge. Keller & Heckman's Beyond Telecom Law Blog (<https://www.beyondtelecomlawblog.com/>) has a great post with a detailed overview of the Broadband Provisions in the pending bipartisan \$1.2T "Infrastructure Investment and Jobs Act" that includes \$65 billion to support broadband deployment and adoption. The biggest component, the Broadband Equity, Access and Deployment (BEAD) program allocates some \$42.5B to State block grants for competitively awarded subgrants. \$100M to each State and territory plus a share of the balance based on defined need. See emerging details at <https://www.beyondtelecomlawblog.com/an-overview-of-broadband-provisions-in-the-infrastructure-bill-as-of-july-30-2021/> FYI.

Mark Goldstein to Everyone (8:19 AM)

SHLB Coalition further analyzes what BEAD means for CAI broadband, offering pointed critique on its overly broad definition of CAIs and relegating anchors to a third priority group meaning monies may not flow to many worthy anchor institution projects. See more at <https://www.shlb.org/blog/2021/08/What-Does-the-Infrastructure-Bill-Mean-for-Anchor-Institution-Broadband/> FYI.

Mauricio Orozco to Everyone (8:27 AM)

Have to drop off the call. Thanks

Hi Cindy, Do you work with Local First

Arizona? <https://localfirstaz.com/> Main Contact Person is CEO Kimber Lanning

kimber@localfirstaz.com

Tracey Beal to Everyone (8:31 AM)

Thank you for so much info, Cyndi!

Ilana Lowery to Everyone (8:32 AM)

Can you speak more to nonprofits applying for funds?

Cynthia Ptak to Everyone (8:33 AM)

www.eda.gov/arpa

Cindy Hogan to Everyone (8:34 AM)

ARPA Funding Webinar Link: <https://www.youtube.com/watch?v=I6wJsuq5Wnc>

Ilana Lowery to Everyone (8:34 AM)

Thanks, Cindy!

Tracey Beal to Everyone (8:35 AM)

Thank you everyone! Needing to head out!

Brad Zerbe to Everyone (8:38 AM)

We write EDA grants and have twenty-seven grant writers nationwide including an economic development expert. EDA grants historically are considered among the most competitive of federal grants.

Mark Goldstein to Everyone (8:41 AM)

Here's Blair Levin's take on the Senate infrastructure bill's broadband components on Brookings from 8/13/21 at <https://www.brookings.edu/blog/the-avenue/2021/08/13/the-senate-infrastructure-bills-four-interconnected-broadband-components/> FYI.

Mala Muralidharan to Everyone (8:42 AM)

Thanks all have to leave... happy Kibitzing!!!

Cynthia Ptak to Everyone (8:42 AM)

cptak@eda.gov

Lisa Gustinelli to Everyone (8:43 AM)

Wonderful meeting! Thank you

Roniyur Singh to Everyone (8:43 AM)
Thank you everyone.

Michael Edmonds to Everyone (8:43 AM)
thriveinthe05.tucsonaz.gov

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

First Name	Last Name	Organization	Job Title	Email	Phone	Mobile
Tracey	Beal	School Connect	CEO	tracey@schoolconnectaz.org		
Andrew	Bevington	PCSO	Director, Business & Education Partnerships	andrew.bevington@pima.gov	15207248213	
Kate	Boettcher	Rural Arizona Action	Research Assistant	kate@ruralazaction.org		
Melissa	Boydston	VSUW	Vice President	MBOYDSTON@VSUW.ORG	6026314800	
kirk	busch	Big Data Southwest	ceo	kirk.busch@bigdatasw.org	4803344997	
Eugene	carl	Cox Business	Sales Manager Public Sector	gene.carl@cox.com	16026904175	
Erin	Carr-Jordan	ASU	Head of Social Impact	erobins@asu.edu		
Oliver	Carter	GenTech	CIO	oliver@gentechsupport.com		
Michael	Cohen	ATIC	Board Member	mikey1145@yahoo.com	520-390-6647	5203906647
Josh	Cohn	Pima County	Program Coordinator	Josh.Cohn@pima.gov		
Jerry	Crow	Digital Forensics and Cloud Security	Cybersecurity Professional	jerry.crow@computer.org	4804515954	
Brian	Daly	AT&T	AVP	brian.k.daly@att.com	4252417544	
Lindsay	Dietz	CVN	Director of Programs	LindsayD@healtharizona.org		
Milan	Eaton	Arizona Department of Education	ERate	milan.eaton@azed.gov	6233326357	6233326357
Michael	Edmonds	Tucson House; Thrive in the OS	Secretary ; Steering Committee	mikemedmonds1@gmail.com	929-244-9477	929-244-9477
Marcelino	Flores	Pima county	Special staff	Marcelino.flores@pima.gov		
Heather	Floyd	Valley TeleCom Group	Public Relations Specialist	heather.floyd@teamvtg.net	5203848912	520-349-6658
Oris	Friesen	ATIC	Secretary	oris@cox.net		602-689-1084
Henry	Goldberg	ATIC	Vice Chair	hgold52@aol.com	480-609-9279	480-433-3536
Mark	Goldstein	International Research Center	President	markg@researchedge.com	602-470-0389	
Lisa	Gustinelli	ASU ShapingEDU	Innovator in Residence	lisanigaragustinelli@gmail.com	5619015089	5619015089
Ian	Hathcock	SBI. dba Cellular One	Director of Sales	ihathcock@cellularoneaz.com	19282057713	
Cindy	Hogan	AmeriCorps	Digital Inclusion Enthusiast	chogan@unitedwaytucson.org		
Shereka	Jackson	Future Stars	ceo	futurestarsaz@hotmail.com	6232210902	
John	Kelly	Triadvocates	Principal	John@triadvocates.com		
debra	kurtz	asu	aul technology services	dhanckenk@asu.edu		
Ilana	Lowery	Common Sense Media	Arizona Director	ilowery@commonsense.org	623-341-0177	
Lea	Marquez Peterson	AC	Chair	lmarquezpeterson@azcc.gov		
Derek	Masseth	Sun Corridor Network	Executive Director	dmasseth@suncorridor.org		
Sophia	Mayberry	Shsh	Shshw	Sophia.mayberry@azed.gov		
Will	McCullen	Pima Community College	Program Manager	jwmcullen@pima.edu		
Randy	Miffin	Cellular One	ICT Senior Business	rmiffin@cellularoneaz.com		
Mala	Muralidharan	Arizona State Library	E-rate administrator	mala@azlibrary.gov	480-221-5120	
Mauricio	Orozco	Care1st Health Plan Arizona	Community Engagement Manager	morozco@care1staz.com	14802823631	
Chris	Pasterz	Coconino County, AZ	Economic Development	cpasterz@coconino.az.gov	9282255650	
Cody	Pedersen	Smith Bagley Inc. dba Cellular One	PM	cpedersen@cellularoneaz.com	19282053395	
Lawrie	Prickett	Smith Bagley Inc dba Cellular One of North East Arizona	SFPs	lprickett@cellularoneaz.com	9285370375x2413	9282051604
Cynthia	Ptak	EDA	Economic Development Representative	cynthiaptak@comcast.net		
Tracy	Rexroat	Az Dept Education	Program Specialist	tracy.rexroat@azed.gov		
Jenny	Rickel	Native Network, Inc.	COO	jrickel@nativenetwork.com	5096615100	5096615100
Fernando	Roman	Cwa	Executive Vice President	froman@cwa7026.com	5207097199	
Paul	Ross	Phoenix College	AVP CIO	paul.ross@phoenixcollege.edu		
Andy	Sinclair	Arizona Department of Economic Security Division of Aging and Adult Services	CAPS Capacity Development Coordinator	asinclair@azdes.gov	4802632271	
Roniyur	Singh	SFB-CRC	ERN-CRC Director	rsingh@sfb-crc.org	520-393-9872	
Jeff	Sobotka	ACA	State Broadband Director	Jeffs@AZCommerce.com		
David	Soffer	WANRack	Director of Business	david.soffer@wanrack.com	8554827225	
Manny	Villa	Sahuarita Unified School District	Director of Information Technology	mvilla@sahuarita.net		
Brad	Zerbe	AZ Government Consulting	Principal	zerbebrad@gmail.com	623-332-0506	6233320506
Karen	Ziegler	Karen Ziegler Consulting Services	Principal	karen.ziegler@karenzieglerconsulting.com		602-799-2816