



## **DLT Awards – Arizona**

### ***2012 Grant Awards***

#### **SMMHC Inc. - Mountain Health and Wellness**

\$211,688

Arizona

Areas Served: Pinal County

Contact: Mr. Rob Evans

Telephone: (480) 474-5613

Congressional District: Gosar, 1st Dist.; Flake, 6th Dist.; Grijalva, 7th Dist.; and Vacant, 8th Dist.

Rural Development funds will be used for the Mountain Health and Wellness Telemedicine Initiative which will provide telemedicine services to approximately 1,000 rural residents in Arizona with the use of telemedicine technology. Each end-user site will be equipped with video conferencing equipment and accessory digital medical devices. Mountain Health and Wellness provides behavioral health services in the Apache Junction area of Arizona.

#### **Mogollon Health Alliance, Inc.**

\$276,793

Arizona

Areas Served: Gila and Navajo Counties

Contact: Sandra Long

Telephone: (928) 472-2588

Congressional District: Gosar, 1st Dist. and Franks, 2nd Dist.

Rural Development funds will be used for a distance learning platform for STEM Education (science, technology, engineering, and mathematics). Mogollon Health Alliance, in association with four Rim Country School Districts, is providing end user video teleconferencing equipment for four school districts for the STEM program. The grant will serve four community schools in the rural, mountainous Mogollon Rim area - which includes, and is surrounded by the Tonto and Apache-Sitgreaves National Forest and borders Tonto Native American Reservations situated in Gila and Navajo Counties. Educational funding for these schools has been declining within this population area. The new course offerings and equipment will provide new opportunities for every student, including programs for gifted and Advanced Placement students.

#### **Yavapai County Education Service Agency**

\$499,731

Arizona

Areas Served: Yavapai County

Recipient Contact: Tim Carter

Telephone: (928) 771-3326



Congressional District: Gosar, 1st Dist. and Franks, 2nd Dist.

Rural Development funds will be used to purchase and install distance learning equipment that will connect 62 video end point locations and one hub/end-user site. Advanced placement courses, dual credit courses, vocational training, and other educational opportunities previously unavailable to rural students will become a reality. In addition to the benefits that students will derive from taking classes through video conferencing, teachers will be able to extend their knowledge beyond their own classrooms, and expand their professional opportunities with teacher development courses.

***See University of Utah College of Social Work (multi-state project) under Utah DLT Awards***

## **2011 Grant Awards**

### **Flagstaff Medical Center**

Arizona

Amount: \$124,769

Areas Served: Coconino, Mohave, and Navajo Counties

Contact: Natalie Harlan

Telephone: (928) 773-2158

Congressional District: Gosar, 1st Dist. and Franks, 2nd Dist.

USDA Rural Development funds will help purchase equipment such as telemedicine carts and laptops as part of a comprehensive video network connecting seven rural hospitals in Coconino, Navaho and Mohave Counties to cardiopulmonary specialists at Flagstaff Medical Center. This will enable Flagstaff's professional staff to provide face-to-face patient consultations, referral services, and continuing medical education to rural health care providers and their patients within a vast coverage area, which includes the tribal areas of Havasupai, Navaho and Hopi. The newly deployed system will support an emerging collaboration between Flagstaff Medical Center, the Indian Health Service and other tribal health programs in Northern Arizona. Flagstaff will match grant funds with \$47,500 of local funding.

### **Chinle Unified School District #24**

Arizona

Amount: \$439,794

Areas Served: Apache County

Contact: Sheila Rae Betz

Telephone: (928) 674-9742

Congressional District: Gosar, 1st Dist.



Located in the center of the Navajo Nation, the Chinle Unified School District—spanning over 4,000 square miles—will bring a comprehensive distance learning video network system to its seven schools. Ninety percent of the students are Navajo, and the purpose of the project is to propel Native learners toward high academic achievement and lifelong learning success. Made possible with funds from USDA Rural Development each school will receive mobile carts outfitted with video conferencing equipment for adaptable use, and a desktop telepresence system for in-class learning activities. School administration computer services will be equipped with video control equipment such as the MCU bridge, a content server and firewall transversal. All locations will participate in a new learning environment of shared courses and content, including accelerated high school college prep, high school completion for all ages, associate and bachelor degrees, vocational courses and certificate programs, professional teacher development, and expert teacher exchanges and workshops. Chinle will match grant funds with \$131,939 of local funding.

## ***2010 Grant Awards***

### **Cochise Technology District**

\$245,586

Arizona

Areas Served: Cochise County

Contact: Joel Todd

Telephone: (520) 766-1999

Congressional District: Giffords, 8th Dist.

This project will create an interactive distance learning classroom that will allow schools in rural Cochise County to share courses between its nine high schools. Teachers will be able to reach more students, and the quality of classes will improve and enable students to acquire the necessary skill set to enter the work force. This videoconferencing system will also allow schools to support students who fall behind, to expand extracurricular opportunities, and to increase information availability to the students.

### **Coconino Community College District**

\$305,833

Arizona

Areas Served: Coconino Count

Contact: John Richard McDonald

Telephone: (928) 226-4278

Congressional District: Gasar, 1st Dist. and Franks, 2nd Dist.

Coconino Community College's initiative to complete the Arizona General Education Curriculum will be accomplished with updating and expanding current Distance Learning equipment. Being the second largest county, housing three



Native American tribes and divided by the Colorado River access to high education has been challenging. Through video conferencing educational courses and content can be enabled which allows residents and students to gain an Associate's Degree.

### **Arkansas School for Mathematics, Science and the Arts**

*Note: The applicant is an Arkansas organization. The end users are located in Arizona.*

\$335,373

Arkansas and Arizona

Areas Served: Pinal and Gila Counties

Contact: Chris M. Robbins

Telephone: (501) 622-5130

Congressional Districts: Gasar, 1st Dist.; Flake, 6th Dist.; and Grijalva, 7th Dist.

This project will deploy a distance learning system to 2 counties in central Arizona challenged by its isolation and shortage of educational resources. The program will help reduce the high school drop-out rate, improve math and science departments, and recruit well-qualified teachers. The project will also serve other community needs such as higher education opportunities and business and entrepreneurial development

### **2009 Grant Awards**

#### **La Paz Regional Hospital, Inc**

\$161,547

Arizona

Areas Served: La Paz County

Contact: M. Victoria Clark

Telephone: (928) 669-7300

Congressional District: Franks, 2nd Dist.

This project will find equipment used to expand telemedicine and diagnostic services from the central hospital in Parker to a remote clinic, expanding its digital capacity to accompany new facilities and specialty physicians that are being added to the clinic.

#### **Dine College**

\$224,281

Arizona and New Mexico

Areas Served: Apache, Navajo, Coconino, and San Juan, McKinley Counties

Contact: Ronald R. Belloli

Telephone: (928) 724-6677

Congressional District: Kirkpatrick 1st Dist. (AZ) and Lujan, 3rd Dist. (NM)



This project will fund a new distance learning system for the Navaho Nation, connecting 8 campuses in a videoconferencing network, which will allow the college to reach more remote students with increased access to academics and culturally relevant subjects.

**Mohave County Community College District**

\$499,253

Arizona and California

Contact: Charles D. Spotts

Telephone: 928-757-0805

Congressional District: Franks, 2nd Dist. (AZ) and Lewis, 41st Dist. (CA)

This project will fund a videoconferencing system connecting the community college hubs to 10 sites consisting of K-12 schools, fire departments, tribal community and training centers, all in their service territory covering over 13,000 square miles.

***2008 Grant Awards***

**Bisbee Hospital Association**

\$184,822

Arizona

Areas Served: Graham, Gila, Greenlee, and Apache Counties

Contact: James J. Dickson

Telephone: (520) 432-6400

Congressional District: Giffords, 8th Dist.

The Rural Development grant will fund computerized radiography equipment and install a PACS system in the Copper Queen Community Hospital located in Bisbee, Arizona. Telemedicine services will include EMR, teletrauma, and teledermatology between seven hub and end-user sites in rural Arizona.

**Eastern Arizona College**

\$405,830

Arizona and New Mexico

Areas Served: Graham, Gila, Greenlee, Apache, and Hildago Counties

Contact: Eldon Woodall

Telephone: (928) 428-8409

Grant funds will be used by Eastern Arizona College to establish a student docent program with the addition of interactive video conferencing. Student docents will approach challenging science projects aligned with academic standards to create and direct their own virtual field trips. Additionally, math and science distance learning courses will be available for high school students in the



project area and administrators and teachers will be offered a two-year science content professional development program.

## **2007 Grant Awards**

### **Bisbee Hospital Association (dba) Copper Queen Community Hospital**

\$183,108

Arizona

Areas Served: Cochise County

Contact: James Dickson

Telephone: (520) 432-6400

Congressional Districts: Giffords, 8th Dist.

This telemedicine project will make telemonitoring homecare services available to rural residents of southeastern Arizona. The home monitoring equipment will provide patient biometric data to a newly designated, regional, critical access hospital. Video monitors will be able to provide one-on-one diagnostic interviews as well as visual information about wounds and patient appearance.

### **Navajo Nation**

\$425,000

Arizona and Utah

Areas Served: Apache, Coconino, Navajo, Coconino, Navajo, San Juan Counties

Contact: Robert Nakai

Telephone: (928) 871-6532

Congressional Districts: Renzi, 1st Dist. (AZ); Franks, 2nd Dist (AZ); Matheson, 2nd Dist. (UT)

This project will serve 1400 citizens of the Navajo Nation plus the Hard Rock and Black Mesa Chapters. Currently the Navajo Nation serves 22,000 diabetic patients. The applicant seeks to provide diabetes control services via PDA devices which communicate with the Space Data SkySite wireless network. The area to be served is comprised of patients at least 45 miles from a health center or hospital. Many do not have any transportation because of the remoteness of the community and the severity of unimproved roads. A fundamental challenge in reaching many of the diabetic patients on the Navajo Nation is the remote geography and lack of telecommunications services.

### **Northern Arizona Area Health Education Center**

\$131,611

Arizona

Areas Served: Apache, Coconino, and Navajo Counties

Contact: Sean Clendaniel



Telephone: 928-779-7245  
Congressional Districts: Renzi, 1st Dist.

This project has both distance learning and telemedicine components. The network will make it possible for rural health professionals and students to connect with academic institutions via video, audio and web technologies to meet required training objectives. The project will also offer telemedicine consulting opportunities in clinical pharmacy, behavioral health OB/GYN and pediatrics.

### ***2006 Grant Awards***

#### **Community Healthcare Centers Collaborative Ventures (CHCCV)**

\$451,141

Arizona

Areas Served: Apache, Cochise, Coconino, Pima, Pinal, Maricopa, Mojave, and Navajo Counties

Contact: Mr. Glen T. Randolph

Telephone: (520) 577-1933

Congressional Districts: Renzi, 1st Dist.; Franks, 2nd Dist.; Shadegg, 6th Dist.; Grijalva, 7th Dist.; and Kolbe, 8th Dist.

Rural Development funds will be used to link residents in 22 rural communities with access to specialty care within their own communities. Clinical collaboratives will address chronic health issues such as diabetes, asthma, and hypertension. Continuing medical opportunities will also be provided through distance learning to staff. Overall 24 CHCCV clinics and health care centers will be able to collaborate, share resources, and expand health care opportunities to rural Arizona residents.

### ***2005 Grant Awards***

#### **La Paz Regional Hospital**

\$458,061

Arizona

Areas Served: La Paz County

Contact: M. Victoria Clark

Telephone: 928-669-7300

Congressional District: Pastor, 4th Dist. and Grijalva, 7th Dist.

Teleradiology equipment including a Picture Archive and Communications System (PACS) unit and a Radiology Information System (RIS), will provide services to over 19,000 residents of rural Arizona.



## ***2004 Grant Awards***

### **Arizona Western College**

\$500,000

Arizona

Areas Served: La Paz and Yuma Counties

Contact: Tim Shove

Telephone: (928) 344-7659

Congressional Districts: Grijalva, 7th Dist.

To meet annually fluctuating health care needs of the two counties in the project area, Arizona Western College will use DLT funds to provide pre-requisite health science courses in the hard sciences to nursing program students. This project will ensure that students in the remote areas of the college's area will have an equal chance at enrolling in the nursing program. The college will expand an existing microwave interactive TV by equipping a classroom at a local hospital to offer the necessary courses.

## ***2003 Grant Awards***

### **Arizona Western College**

\$487,978

Arizona

Areas Served: Towns of Packer, Somerton, Gadsden, and Welton

Contact: Tim Shove

Telephone: (928) 344-7659

Congressional District(s): Grijalva, 7th Dist.

Arizona Western College will use RUS grant funds to upgrade the existing distance education system and add additional equipment to provide educational services at Packer, Somerton, Gadsden, and Welton. The project will provide 2,550 rural residents and students access to higher education through the use of microwave-based interactive television and web-based services.

### **Tuba City Regional Health Care**

\$191,500

Arizona

Areas Served: Coconino County

Contact: Dr. Mark Carroll

Telephone: (928) 283-2501

Congressional Districts: Renzi, 1st Dist. and Shadegg 3rd Dist.

Tuba City Regional Health Care will utilize RUS grant funds in a telemedicine project designed to expand outreach health efforts into Chapter Houses by locating store-and-forward telemedicine carts and software developed and used





by the Alaska Federal Health Care Access Network (AFHCAN). Carts will lower barriers to care, substitute telecommunications for travel, and allow the use of low-cost workers linked to licensed professionals. Carts will enable remote visits to clinics at any time freeing users from limited videoconferencing schedules.

## ***2002 Grant Awards***

### **Arizona Western College**

\$391,455

Arizona

Areas Served: La Paz and Yuma Counties

Contact: Tim Shove

Telephone: (928) 344-7659

Congressional District: Pastor, 2nd Dist. and Stump, 3rd Dist.

Arizona Western College will use RUS funds to improve the quality and capacity of existing technologies that deliver college level courses to the rural residents of Yuma and La Paz counties. The existing technologies employed by the college include: internet-based courses; an Interactive Television Network; and, an educational television station broadcasting to a 20-mile radius of the main college campus in Yuma. This grant will accomplish three major objectives. It will: 1) allow the college to convert from analog to digital signals improving the quality of the signals into homes and learning centers; 2) expand tele-course offerings and provide cablecast service to the Town of Parker; and, 3) it will extend and expand web-based instructional programming. The project will provide learning opportunities to residents of this vast desert region that is plagued with high poverty levels, extraordinarily high unemployment rates and low levels of educational achievement. Benefiting from the grant will be 2,000 students and as many as 179,741 residents in the project service area.

## ***2001 Grant Awards***

### **Central Arizona College**

\$130,100

Arizona

Areas Served: Pinal County

Contact: Mr. Michael Cohen

Telephone: (520) 976-1907

Congressional Districts: Pastor, 2th Dist.; Kolbe, 5th Dist.; and Hayworth, 6th Dist.

Central Arizona College intends to use RUS grant funds for a distance learning project to purchase the equipment necessary to convert signals to a digital format. Digital equipment will allow the college to continue offering classes via



interactive video, audio, and computer to campuses of Central Arizona College at the Signal Peak, Aravaipa, and Superstition Mountain campuses. Additionally, a connection is planned for Apache Junction High School (with connections through them to rural schools in Gold Canyon). The goals of the project are to purchase and install digital encoding/decoding (CODEC) equipment to replace existing analog devices, purchase and install equipment to interface with common carrier digital transmission equipment, continue providing distance learning services at current remote campus locations, and expand distance learning operations to offer service to additional rural communities. The proposed system will convert the current antiquated analog system to digital transmission, improve reliability and quality, and add another site. A CODEC will be installed at each site for digital to analog/analog to digital conversion. Echo cancellation and feedback control will be installed and microphones upgraded. Lighting will be improved for teacher workstations. Interfaces will be installed to ensure a clean connection to the common carrier provider. The system will also include routers, servers, hubs, and Internet streaming equipment. This project will benefit the approximately 13,385 students enrolled in these schools and will also positively impact over 39,300 rural residents.

## ***2000 Grant Awards***

### **Tohono O'odham Community College**

\$288,100

Arizona

Areas Served: Pima County

Contact: Mr. Ben Standifer

Telephone: (520) 383-8401

Congressional District: Pastor, 2nd Dist.

The Tohono O'odham Community College (TOCC) proposes to bring college courses from Pima College in Tucson to two new video conferencing training centers at its campus and also to distribute its own courses across the Reservation to 11 district sites and three area high schools. Library research services will be expanded and medical education will be offered, complementing the distance learning and training platforms. The TOCC distance learning network will build upon its current progress by providing an expanded curriculum in American Indian studies. It is anticipated that 350 to 500 students will benefit from the expanded curriculum. The network will also provide access and shared resources in medical education to over 17,500 residents of the Reservation, especially in the area of how to manage diabetes.



## **1999 Award**

### **The University of Arizona, Arizona Board of Regents**

\$121,175

Arizona

Areas Served: Navajo County

Contact: Dr. Ronald S. Weinstein

Telephone: (520) 626-4785

The University of Arizona College of Medicine, an educational institution and medical center, plans to provide telemedicine services to the Hopi Tribe community located on the Hopi Indian Reservation in Arizona. The proposed system will be a comprehensive video-conferencing and store and forward telemedicine system linking the Hopi Health Care Center (rural end-user) to the Arizona Telemedicine Program hub site at the University of Arizona College of Medicine. The Hopi Health Care Center will replace the Keams Canyon Indian Health Service Hospital, the hospital that presently serves the entire 1.6 million acre reservation. The Rural Utilities Service grant will help to address the Hopi Tribe community's needs by: (1) Providing a higher level of patient care in an ambulatory care setting; (2) Removing the current barriers to specialized medical care imposed by physical distance; and (3) Improving the quality of life by providing both the health care establishment and residents access to preventative care.

## **1998 Awards**

### **Arizona Board of Regents, University of Arizona**

\$142,075

Arizona

Area Served: Navajo County

Contact: Ronald S. Weinstein, MD

Telephone Number: (520) 626-6097

Congressional District: Shadegg, 4th Dist. and Kolbe, 5th Dist.

The University of Arizona College of Medicine, an educational institution and medical center, plans to provide the residents of the Whiteriver Community access to specialized health care due to having only one health care facility in their area. The Whiteriver Indian Health Service Hospital, which provides health care services to the entire 1.6 million acre reservation, is only equipped and staffed to provide primary health care. The RUS funding will be used to install a comprehensive video-conferencing and store-and-forward telemedicine system linking Whiteriver Hospital to the Arizona Telemedicine Program hub site at the University of Arizona College of Medicine. Through this telemedicine link, the residents of Whiteriver will have access to over 270 specialists and sub-specialists.



## **Sells PHS Indian Hospital**

\$280,900

Arizona

Areas Served: Pima County

Contact: Dr. Paul Weintraub

Telephone: (520) 383-7210

Congressional District: Pastor, 2nd Dist.

The Sells PHS Indian Hospital (Sells Indian Hospital) is a 34-bed, acute care facility with inpatient units such as general medicine, pediatrics and obstetrics serving adult, adolescent, pediatric and geriatric Tohono O'odham and Pascua Yaqui community populations in Sells, Arizona. The purpose of the project is to design a telemedicine project utilizing teleradiology. With the addition of teleradiology, Sells Indian Hospital will be able to offer immediate radiological support from on-call Tucson radiologists, improve delivery of services such as cardiology, pediatrics and dermatology, expand educational opportunities for doctors and nurses through use of technology and promote use of state-of-the-art telecommunications services in rural areas. The Tohono O'odham Indian Nation has an impoverished local economy and a RUS grant award will offer dramatic hope for noticeable improvements to the critical health situation of high mortality rates and high incidence of treatable diseases such as diabetes. Over 17,000 Native American residents at Tohono will benefit immediately from the planned medical delivery improvements for the end user site's businesses to conduct business on a global basis.

## **1997 Awards**

### **Tohono O'odham Nation**

\$154,045

Arizona

Areas Served: Sells and Pima Counties

Contact: Rosilda Manuel

Telephone: (520) 383-2221

The Tohono O'odham Nation will use grant funds from RUS to form an interactive distance learning project for the purpose of improving education on Tohono O'odham Nation lands. The project will consist of the installation of a videoconferencing network at three high school sites on the reservation, two Bureau of Indian Affairs schools and a combination high school/middle school from a public school district. The distance learning network will provide for more collaborative teaching and eliminate shortcomings from teacher and student isolation. Also, the multi-purpose use of the videoconferencing network includes adult education, teacher credential training, medical instruction, and public information. The entire Nation of 17,340 residents can potentially benefit.



## ***1996 Grant Award***

### **Arizona Board of Regents University of Arizona**

\$141,150

Arizona

Contact: Dr. Ronald Weinstein

Telephone: (520) 626-4785

The rural town of Nogales, Arizona has long suffered from barriers to accessing health care services. For years Nogales has struggled to recruit and retain all levels for health care professionals and is formally designated as both a Medically Underserved Area and a Health Professional Shortage Area by the Arizona Department of Health Services. The University of Arizona College of Medicine will use RUS grant funds for telemedicine equipment to establish teleconsult and telediagnosics capability at Maricopa Community Health Center, the major provider of primary care in Nogales. Through this telemedicine network, residents of Nogales will have access to the College of Medicine's 2,709 specialists and sub-specialists. The system will also accommodate an array of tele-diagnostic services and be used to support local emergency room staff in handling emergency medical situations. Advanced telecommunications used to implement the telemedicine project will greatly improve the quality of Nogales residents lives through enhancements to their health care system.

## ***1995 Grant Award***

### **Kayenta Unified School District 95**

The digital interactive system will connect four K-12 schools to provide educational and medical services. Educational services will include tutoring, and courses for preschoolers, Head Start, university students, adults and literacy programs. Medical services will include health classes, physician-to-patient consultations and patient-to- patient consultations.