



## **DLT Awards – Utah**

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

#### **San Juan Health Services District**

\$248,003

Utah

Areas Served: San Juan County

Contact: Mr. Phil Lowe

Telephone: (435) 587-2116

Congressional District: Matheson, 2nd Dist.

Rural Development funds will be used by San Juan Health Services District to adapt its mammography services to digital, and to facilitate transport of radiographic images and data to centers where patient information can be read, interpreted and appropriate action taken. The grant will fund the various telemedical units and support equipment and training that will stand-up the new system so that residents in San Juan County can receive timely and accurate radiological services for its hospital's mammography patients.

#### **University of Utah College of Social Work**

\$140,460

Utah, Arizona, and New Mexico

Areas Served: Salt Lake, Apache, and Navajo, San Juan Counties

Contact: Bill Earnest

Telephone: (801) 581-4714

Congressional District: Bishop, 1st Dist. (UT); Matheson, 2nd Dist. (UT);

Chaffetz, 3rd Dist. (UT); Gosar, 1st Dist. (AZ); Franks, 2nd Dist. (AZ); and Luján,

3rd Dist. (NM)

Rural Development funds will be used to upgrade and expand distance learning equipment that will facilitate the advancement of Apache and Navajo students who are taking career-oriented courses in health sciences from their remote locations. The partnership, with the University of Utah College of Social Work, and the Northland Pioneer and Dine Colleges in Arizona and New Mexico, will use the improved distance learning system to increase the number of trained and credentialed Native American faculty and graduate-level practitioners, and increase the number of local mental health service professionals serving the Native American population in this region.



## **2011 Grant Awards**

### **Northeast Utah Educational Services**

Utah

\$130,086

Areas Served: Morgan, Rich, Summit, Daggett, Duchesne, and Wasatch

Contact: Mr. Parker K. Mossman

Telephone: (435) 654-1921 x 101

Congressional District: Bishop, 1st Dist.; and Matheson, 2nd Dist.

As one of Utah's four Regional Education Service Centers, Northeast is assembling a distance learning network linking schools in its eight participating school districts at 14 locations into a cohesive educational video network. The USDA Rural Development Distance Learning and Telemedicine Program will providing funding for a variety of distance learning equipment, such as mobile carts equipped with video conferencing units and video client software running on school computers. The service center will provide "a new menu" for teachers and students, drawing from the pool of educators within the system itself and from new teachers and resources available through the Utah Education Network. The "new menu" will bring forth a cornucopia of courses, such as educator certifications and professional development, reading and language arts literacy, dual enrollment, virtual field trips, foreign languages, AP Math, career technical education, and technology integration training. Collaborative tools available in the technology will facilitate leadership development, bringing together farming and ranching organizations such as the FFA, Student Council and Native American leaders. Northeast Utah Educational Services will match federal grant funds with \$130,425 of local funding.

### **Utah State University**

Utah

\$69,798

Areas Served: Box Elder, Cache, Davis, Grand, Sanpete, and Tooele

Contact: Mr. S. Corey Burger

Telephone: (435) 797-1661

Congressional District: Bishop, 1st Dist.; Matheson, 2nd Dist.; and Chaffetz, 3rd Dist.

Public educators must obtain a certification to teach mathematics in Utah. The percentage of math teachers in Utah State University's (USU) partner districts with certification is low. With assistance from the USDA Rural Development Distance Learning and Telemedicine Program this project will purchase distance learning equipment for four rural communities so that math teachers at the elementary and middle school level can attend professional training classes toward certification. Equipment will also be provided at two professional



development hub sites, including a multi-point bridge and content server which will be installed at the USU hub site at Logan. This equipment will allow the university to connect the six classrooms into a video conference and record classes and other teaching events for archiving and streaming. Along with math certifications, classes will include effective teaching methods for English Language students, and courses toward more advanced degrees for teachers. The University will match federal grant funds with \$70,000 of local funding.

### **San Juan County School District**

Utah

\$495,322

Areas Served: San Juan

Contact: Mr. Virgie Ellis

Telephone: (435) 678-1242

Congressional District: Matheson, 2nd Dist.

It is a five-hour drive in Southeast Utah from one end of the San Juan School District to the other. Much of this territory is in Navaho country, and the schools are extremely remote, many with only a handful of teachers. With assistance from the USDA Rural Development Distance Learning and Telemedicine Program this project will outfit classrooms in the district's five high schools with desktop conferencing equipment, and place bridging equipment in the district's media center in Blanding. A wide array of courses and instruction will be offered, such as required core curriculum, vocational training and career readiness, dual credit courses and continuing education for teachers. A shared sense of isolation will be replaced with collaborative learning projects and cultural programs that bring students into the mainstream of electronic communications with their own sense of heritage. The School District will match federal grant funds with \$247,661 of local funding.

### ***2010 Grant Awards***

#### **Southwest Educational Development Center (SEDC)**

\$144,274

Utah / Arizona

Counties: AZ: Coconino, Piute, Sevier, Tooele UT: Garfield, Iron, Juab, Kane, Millard, Sanpete, Washington, Wayne

Contact: Mr. Randy Johnson, (435)-586-2865

AZ 1 - Paul Gasar; UT-2 - Jim Matheson; UT- 3 Jason Chaffetz

This project will connect eleven elementary schools and their six district offices to the resource centers at Southwest Educational Development Center and the Utah Education Network. Using this RUS-funded video-conferencing equipment,



the main purpose of the eReach project is to support high-needs students and their teachers through real-time interactions with specialist who are distantly located in the districts and at the various resource centers. The specialists' fields include occupational and physical therapy, special education, and autism - as well as regular academic subjects.

### **University of Utah-1**

\$298,043

Utah

Counties: Beaver, Daggett, Duchesne, Grand, Juab, Salt Lake, San Juan, and Sanpete

Contact: Mr. Michael Dickman, (801)-585-6201

UT 2 - Jim Matheson; UT 3 - Jason Chaffetz

With RUS DLT funds, the University of Utah's Health Science Center and Health Care will be offering clinical telemedicine and education to eight hospitals, four clinics and three health centers. Some of the benefits for the rural residents are acute stroke intervention, cardiovascular specialty care and diabetes patient education. The video conferencing equipment will allow training and professional classes for the health care providers in the rural areas.

### **University of Utah-2**

\$142,244

Utah /Arizona

Counties: Navaho

Contact: Mr. William Ernest, (801)-581-4714

UT-2, Chris Matheson; AZ-1, Rick Renzi; AZ-2, Trent Franks

With RUS DLT funds the University of Utah will be installing video conferencing equipment at Northland Pioneer College-Hopi Arizona Center and Northland Pioneer College connected to the University of Utah, and to be used by students from the Apache and Hopi Reservations. Professional training in critical needs such as child welfare, juvenile justice, geriatric support, mental health, school counseling, family support, and domestic violence will help to build a trained and credentialed Native American faculty at identified institutions and increase the number of mental health professionals in the medical institutions serving at the reservations

### **College of Eastern Utah**

\$471,347

Utah / Colorado

Counties: UT: San Juan CO: Archuleta and Montezuma

Contact: Ms. Heather Merry Young, (435)-678-8128

UT 2 - Jim Matheson; CO 3 - Scott Tipton



This RUS-funded project will connect five rural community sites, such as an education center, a school, and a hospital, to the College of Eastern Utah. The focus of the project is to train health care workers to provide services to the Ute Mountain Ute tribe of Towaoc, CO and White Mesa, UT as well as the residents of Pagosa Springs, CO. In addition, the equipment will be used to for professional development and distance learning for community residents.

### ***2007 Grant Awards***

#### **Utah Valley State College**

Arizona, New Mexico, Utah

\$437,162

Areas Served: AZ-1 Apache; NM-1 Sandoval (part); NM-2 McKinley (part); NM-3 Sandoval (part), San Juan; UT-2 San Juan, Utah (part); UT-3 Utah (part)

Contact: Monty Georgi

Telephone: 801-863-8900

Fax: 801-863-7298

Congressional District: AZ-1 Renzi; NM-1 Wilson; NM-2 Pearce; NM-3 Udall; UT-2 Matheson; UT-3 Cannon

The UVSC – Navajo Nation partnership will provide important new educational opportunities for 44 Chapter Houses through this project. Navajo youth and adults will have access to both on-line and interactive classroom video-based programming to assist and augment the inadequate educational system that currently exists. The increased access to additional content and learning opportunities will provide a path to academic achievement for targeted students and adults.

#### ***Utah Valley State College***

Arizona, New Mexico, Utah

\$497,058

Areas Served: AZ-1 Apache; NM-1 Sandoval (part); NM-2 McKinley (part); NM-3 Sandoval (part), San Juan; UT-2 San Juan, Utah (part); UT-3 Utah (part)

Contact: Monty Georgi

Telephone: 801-863-8900

Fax: 801-863-7298

Congressional District: AZ-1 Renzi; NM-1 Wilson; NM-2 Pearce; NM-3 Udall; UT-2 Matheson; UT-3 Cannon

The UVSC – Navajo Nation partnership will provide important new educational opportunities to 35 Chapter Houses through this project. Navajo youth and adults will have access to both on-line and interactive classroom video-based programming to assist and augment the inadequate educational system that currently exists. The increased access to additional content and learning



opportunities will provide a path to academic achievement for targeted students and adults.

### ***College of Eastern Utah – San Juan Campus***

Utah, Colorado  
\$315,294

Areas Served: UT-2 San Juan; CO – 3 Dolores County  
Contact: Heather M. Young  
Telephone: 435-678-2201  
Fax: 435-678-2220  
Congressional District: UT-2 Matheson; CO – 3 Salazar

Rural Development funding will be used to provide distance learning opportunities in the Four Corners region of the United States. All distance learning will be college-level classes prepared and delivered live or on demand at the six sites. Additional coursework, especially developmental coursework, will also be offered.

### ***2004 Grant Awards:***

#### **University of Utah**

Sale Lake City, Utah  
\$208,899

Area(s) served: Four Corners area of Utah, Arizona, and Colorado  
Contact: William Ernest, 801-581-4714; 801-581-3007  
Congressional District(s): Applicant - UT-01; Project - UT-02, AZ-01, CO-03

With RUS funding, the University of Utah will establish distance learning classrooms and use Internet Protocol (IP) to facilitate video and educational programming in five rural schools in Utah, Arizona, and Colorado. Obsolete distance learning equipment will be replaced with digital IP video equipment; new educational programming will flow from the College of Eastern Utah in Blanding, UT, to schools in the rural Four Corners area of Utah, Arizona, and Colorado. The collaborative project is sponsored by the Utah Education Network (UEN) and the College of Eastern Utah (CEU) San Juan Campus. The network will serve approximately 15,000 students in the project area.

### ***2003 Grant Awards:***

#### **Confederated Tribes of the Goshute; Ibapah, UT**

\$235,621



Area(s) Served: Counties of Tooele and Juab, UT; Elko, Nye, and Douglas, NV  
Contact: Amos Murphy (435) 234-1157; Fax: (435) 234-1157  
Congressional District(s): Applicant, 1st Utah; Project, 1st Utah, 2nd Nevada

The Confederated Tribes of the Goshute will utilize RUS grant funding to provide telemedicine through compressed video consultations with 4 tribal clinics. The clinics will provide diabetes and mental health care over the video consultation system, and teleradiology will be provided at the Washoe Clinic. In addition to medical care the system will be utilized to train medical and emergency personnel. These clinics provide medical services to over 6,000 patients per year.

### **2002 Award:**

Central Utah Educational Services; Richfield, Utah  
\$322,322 Grant

Areas(s) Served: City, town, village, borough, or rural areas served: Green River, Sunnyside, Antimony, Boulder, Tropic, Beryl, Big Water, Bull Frog, Fill more, Circleville, Marysville, Bluff, Mexican Hat, Montezuma Creek, Monument Valley, Navajo Mountain, Koosharem, Eureka, Trout Creek, LaVerkin, Hanksville, Bicknell.

Contact: Glen Taylor (435-896-4469; Fax: 435-896-4767  
Congressional District(s): Application: 3rd / & Project: 1st & 3rd

The Central Utah Educational Services will use RUS grant funds to purchase teleconference equipment to connect twenty-four (24) schools in 14 counties covering 60 percent of Utah's geographic area to an existing state educational network. The project will provide students, educators, and school staff parents in rural Utah access to telemedicine, special needs services, and distance learning. The service area of the project encompasses one of the largest Native American populations in the United States. These Native Americans reside primarily on reservations which are among the most geographically and educationally isolated regions of the west. The northern section of the Navajo Nation is located in southeastern Utah in San Juan County. This area includes twenty-two Navajo Nation Chapters (communities) and the Hopi and the Ute tribes. There are approximately 1,600 Native Americans students in the San Juan County School District. The service area also encompasses a growing Hispanic population, most who live in isolated geographic areas. Using teleconferencing will enable end-user sites to provide new services such as educator-to-educator collaboration, school nurse consultation, and psychological services. The installation of a user-friendly videoconferencing and multipoint system is innovative because it offers high user benefits. The system can easily be expanded to additional schools, offers high flexibility of use, has lower costs and is Internet based. The new technology and technical capabilities it offers will be simple to operate for the non-technical person and will not cost the end-users any addition funds.



### ***1996 Grant Award:***

#### **Rural Utah Telemedicine Associates**

\$333,330

Cedar City, Utah

Contact Person: David Goddard

Phone Number: 801-865-9950

FAX: 801-648-2535

The mission of the Rural Utah Telemedicine Associates is to provide telemedicine and health care services, health care consultations, and health care management for the benefit of rural Utah and its rural citizens. By implementing a "mobile health clinic" system, many rural communities with little or no health care providers will be able to receive quality health care services in their own community for the first time. RUS grant funds will help to pay for the mobile clinic that is equipped to provide primary care as well as specialty consultation via telemedicine technology. The human infrastructure required to operate the mobile clinic will bring unique expertise to the region. In the vast rural geographic setting of the five county district to be served (comprising of 21% of total area of the state), taking those important resource to the people is cost effective and necessary to ensure quality of life for rural Utah residents.

### ***1994 Grant Award:***

#### **Southeastern Educational Service Center**

Carbon, Emery, Grand and San Juan Counties

Southeastern Utah Regional Wide Area Network, SURWAN

This project is an expansion of an existing digital microwave system which transmits two-way interactive video between 4 high schools. As part of the Southeastern Educational Service Center Region, the expansion will bring 5 additional high schools in the video network, and then link elementary and middle schools which surround each high school hub site into the data network. A primary educational goal is the enhancement of math and science instruction, as the project will be part of an initiative to reform science curricula in the state. Other uses include in-service training for educators and administrative uses. The transmission is a hybrid of digital microwave, fiber optic lines and regular telephone transmission integrated with T1 bandwidth capacity. Funds will cover equipment such as interactive video components, communications servers, modulators/demodulators and other accessories for interconnecting microwave and telephone networks.