



DLT Awards – Oklahoma

2008 Grant Awards

Howe Public School District

Oklahoma

\$489,640

Areas Served: Leflore and Latimer, 2nd Dist., Pontotoc and Love, 4th Dist

Contact: Mr. Scott Parks

Telephone: (918) 658-3666

Congressional District: Boren, 2nd, Cole, 4th

Rural Development grant funds will be used by Howe Public Schools to establish a high definition distance learning system. The project will provide a combination of web-based asynchronous content, live desktop to desktop interactive classroom to classroom and world to classroom-based video. The system will be used to create, review and deliver content among each of the participating sites.

Crescent Public Schools

Oklahoma

\$397,434

Areas Served: Logan, Kingfisher, Noble, 3rd Dist

Contact: Mr. Steve Shiever

Telephone: (405) 969-3738

Congressional District: Lucas, 3rd

Rural Development grant funds will be used to install an interactive videoconferencing system to provide rural residents with innovative learning opportunities. The rewards realized with the system will include increased student achievement to meet NCLB requirements, increased number of students who can take advantage of the Oklahoma free college tuition program, provide students with a culturally diverse curriculum to prepare them for life in a global economy, and the integration of web-based, on-line learning into the curriculum.

Kidney Specialists of Central Oklahoma, PC

Oklahoma

\$97,333

Areas Served: Caddo, Beckham, Custer, 3rd Dist., Grady, 4th Dist.,
Seminole, 5th Dist.

Contact: Ms. Sherri Cullers

Telephone: (405) 942-5442

Congressional District: Lucas, 3rd, Cole, 4th, Fallin, 5th



Rural Development grant funds will be utilized to create a two-way interactive telemedicine network linking five rural dialysis clinics in rural Oklahoma. The rural clinics will receive IP-based videoconferencing units on mobile carts. The primary use will be for physician/patient consults and the equipment will also allow other nephrologists outside the area to reach their patients in rural dialysis units. The system will also create the potential for multisite conferencing for provider education and case rounds.

Northwestern Oklahoma State University

Oklahoma

\$181,169

Areas Served: Garfield, Major, Woodward, Dewey, Harper, 3rd Dist

Contact: Dr. Steve Lohmann

Telephone: (580) 327-8604

Congressional District: Lucas, 3rd

Rural Development grant funds will be used by NOSU to enhance GEAR UP projects in three rural Oklahoma communities by using technology to provide limited resources in curriculum and courses, counseling and diagnostic support, college readiness and financial aid support, and mentoring. Internet Protocol videoconferencing equipment and computers for collaborative learning and interaction will be used from all sites.

Oklahoma Panhandle State University

Oklahoma

\$415,219

Areas Served: Creek, 1st & 3rd, Texas, Dewey, Beaver, Cimarron, Caddo, 3rd; Garvin, 4th

Contact: Dr. Wayne Manning

Telephone: (580) 349-1402

Congressional District: Sullivan, 1st, Lucas, 3rd, Cole, 4th

Rural Development grant funds will be used by OPSU to improve their distance learning network by replacing out-dated equipment that has reached the end of its functional life. A second component is to expand their distance learning capacity. IP-based distance learning technology will provide high definition video and run the latest industry standards in distance learning modules. The project will offer foreign language courses, fine arts, AP classes, dual enrollment classes, virtual field trips, special education services and professional development to student and teachers in rural Oklahoma



2007 Grant Awards

Terral School District

Oklahoma

\$241,607

Areas Served: OK -1 Tulsa; OK – 2 Choctaw, Johnston, McCurtain, Muskagee; OK – 3 Garfield; OK – 4 Grady, Jefferson, Love

Contact: Greg Fouse

Telephone: 580-437-2244

Fax: 580-437-2246

Congressional District: OK – 1 Sullivan; OK – 2 Boren; OK – 3 Lucas; OK – 4 Cole

Terral School District has developed a distance learning partnership through collaboration with the 5 Civilized Tribes Museum in Muskogee, OK, the Gilcrease Museum in Tulsa, the Southern Heritage Center in Enid, and the University of Oklahoma Center for Studies in Democracy and Culture in Norman, OK. The project will utilize web-based and interactive videoconferencing to facilitate student and teacher collaboration and site-to-site sharing and team teaching. A major goal is to increase literacy in all core content areas.

Oklahoma State University Center for Health Science

Oklahoma

\$246,410

Areas Served: OK-1 Tulsa; OK-2 Beaver, Cimarron, Harper, Texas

Contact: Jeff Hackler

Telephone: 918-584-4611

Fax: 918-584-4391

Congressional District: OK-1 Sullivan; OK-3 Lucas

The OSU project will strengthen the healthcare system in the extremely rural area of the Oklahoma “Panhandle” by helping develop a rural telemedicine healthcare network that would allow the smaller hospitals in the area to provide specialty care and radiology services for patients by connecting to larger hospitals, including the largest hospital in the Panhandle at Guymon. Funding will be used to purchase computed radiology, an ultrasound, a compression server, and a consultation suite with telemedicine capabilities in Guymon to link to hospitals in Boise City, Beaver, and Buffalo to the hospital in Guymon.

2006 Grant Awards

Fargo Public Schools

Fargo, OK



\$230,546

Areas Served: Ellis, Leflore, Pawnee, Pontotoc, Tillman

Contact: Mr. Mike Woods

Telephone: 580-698-2298

Fax: 580-698-8019

Congressional District: OK-02, 03, 04

Rural Development funds will be used to provide interactive distance learning to five rural end-user sites and two sites that will serve as hub/end-users. The distance learning will provide expanded course offerings, and higher education opportunities in the schools and communities as well as address the need for professional development.

Kiamichi Technology Centers

Wilburton, OK

\$242,167

Areas Served: Bryan, Choctaw, Haskell, Latimer, LeFlore, McCurtain, McIntosh, Pittsburg

Contact: Mr. Greg Winters

Telephone: 918-465-2324

Fax: 918-465-3666

Congressional District: OK-02

Rural Development funds will be used to extend opportunities for interactive distance learning in sixteen sites serving over 16,000 students. The project will offer expanded course offerings and provide higher education opportunities in the school and community. Opportunities for the professional development of faculty, staff, and adults will also be included.

Wapanucka Public School

Wapanucka, Oklahoma

\$499,000

Areas Served: Atoka, Bryan, Choctaw, Coal, Hughes, Johnston, Kingfisher

Contact: Mr. Stanley Williams

Telephone: 580-937-4288

Fax: 580-937-4804

Congressional District: OK-02, 03

Rural Development funds will be used to provide upgraded distance learning which will include videoconferencing, computer labs, upgraded library facilities, information access, ITV access for teachers, and distance learning labs for community members. The project will serve over 4,200 elementary, middle, high school, and adult students in a seven county area.



2005 Grant Awards:

Choctaw Nation of Oklahoma

Durant, OK

\$304,542

Areas Served: Atoka, Bryan, Coal, Choctaw, Haskell, Latimer, Le Flore, McCurtain, Pittsburg, Pushmataha Counties

Contact: Joy D. Culbreath

Telephone: 580-924-8280

Fax: 580-920-3161

Congressional District: OK-02, OK-04, OK-05

The project will provide state-of-the-art distance learning resources to children in Choctaw Nation Head Start programs; professional development for Head Start staff; and educational opportunities for all adults in the communities served. The project includes 23 end-user sites covering over 15,000 square miles in southeast Oklahoma.

Wapanucka Public School

Wapanucka, OK

\$486,050

Areas Served: Atoka, Coal, Johnston Counties

Contact: Stanley Williams

Telephone: 580-937-4288

Fax: 580-937-4804

Congressional District: OK-03

Wireless computer equipment installed at the end-user sites will offer sophisticated, individually-paced learning programs in reading and math. The existing Oklahoma OneNet network will provide telecommunications services. The system is designed to help alleviate busing of students between school districts and will benefit over 4700 students in the project area.

Lane Elementary School

Lane, OK

\$346,325

Areas Served: Atoka, Lane, Choctaw, Pushmataha Counties

Contact: Roland Smith

Telephone: 580-889-2743

Fax: 580-889-9157

Congressional District: OK-03

The Kiamichi Technology Center in Antlers will use the State of Oklahoma OneNet to enhance educational opportunities at five end-user sites in southwestern Oklahoma. Videoconferencing will serve 1,793 rural students.



Western Oklahoma State College

Altus, OK

\$485,490

Areas Served: Jackson, Pontotoc, Woods, Cimarron, Le Flore, Major, Okfuskee, Logan, Keye Counties

Contact: Randy Crumby

Telephone: 580-477-7764

Fax: 580-477-7861

Congressional District: OK-02, OK-03, OK-04

Ten schools, one university, one community college, and the Museum of the Western Prairie along with partnership of The Cheyenne Arapahoe Tribe will create a distance learning network. Offerings over the network will include teacher training, introductory Cheyenne Arapahoe language training, and remedial math preparation. The project will serve approximately 2,856 students and 185 teachers.

Connors State College

Warner, OK

\$498,148

Areas Served: Muskogee, Osage, Wagoner, Kay, Noble, Harmon, Pontotoc, Pawnee, Tillman, Woods Counties

Contact: Dr. Donnie Nero

Telephone: 918-463-2931

Fax: 918-463-6205

Congressional District: OK-01, OK-02, OK-03, OK-04

5,276 students at eight end-user sites will connect to hub sites for enhance educational resources. In addition, professional development for teachers, and job training for the community will be available over this distance learning network.

2004 Grant Awards:

Guymon School District

Guymon, Oklahoma

\$359,439

Area(s) served: Beaver and Texas Counties

Contact: Robert S. Neel, 580-338-4340

Congressional District(s): OK-03

The Guymon School District on behalf of the No Man's Land Consortium will use the RUS grant to extend interactive distance learning to four rural schools and connect with the No Man's Land Museum and the Oklahoma Panhandle State University. The project will help fulfill the need for expanded course offerings mandated by the State of Oklahoma; provide higher education opportunities to the residents of the communities;



and address professional development needs. The project's service area covers 5,686 square miles and includes 1,520 students and a population of over 6,800 people. The RUS funds will be used to purchase interactive distance learning equipment, connectivity, training, and technical assistance. The local telephone cooperative will collaborate with the School District to provide the necessary comprehensive educational programming.

Miami Tribe Business Development Authority

Miami, Oklahoma

\$157,937

Area(s) served: Ottawa and portion of Craig Counties

Contact: Bill J. Bigheart, 918-540-5257

Congressional District(s): OK-02

The Miami Tribe of Oklahoma Business Development Authority (BDA) will use the grant funds to establish a distance learning network among 9 public school districts with a total student population of 4,353. The project will benefit approximately 31,400 people. The BDA plans to provide adult education classes, teacher continuing education, advanced classes, medical and preventive education classes, and to connect to other educational resources and agencies. BDA expects that educating the rural population empowers people to foster economic development and growth to the area.

Wapanucka Public School

Wapanucka, Oklahoma

\$497,500

Area(s) served: Atoka, Coal, and Johnston Counties

Contact: Stanley Williams, 580-937-4288; Fax: 580-937-4804

Congressional District(s): OK-03

The Wapanucka Public School will expand the Wapanucka Technology Plan with RUS funding. This Plan enhances learning opportunities and enriches the education of all students in the project area. The Plan includes introduction and emphasis on technology skills at elementary and middle school levels, access to computers equipped with Internet capability for enhanced learning, and preparation of students for success in the Information Age. Additional benefits of the program include assisting adults with job skills, and offering courses to accelerated and average students. This project will serve seven schools and 2,065 students in an extremely rural area of Oklahoma.

2003 Grant Awards:

Caddo Kiowa Technology Center; Fort Cobb, OK

\$498,735

Area(s) Served: Towns of Anadarko, Boone-Apache, Cyril, Cement, Binger-Oley, Vernden, Hydro-Eakly, Lookeba-Sickles



Contact: Kathe Claborn (405) 643-5511; Fax: (405) 643-3016
Congressional District(s): 3rd

The Caddo Kiowa Technology Center will utilize RUS grant funds to establish a distance learning project in rural western Oklahoma which will connect eight school districts with six existing distance learning sites and the Caddo Kiowa Technology Center. This project will serve 3,632 students and have a regional impact upon 30,150 residents in the area. Through the RUS funding, distance learning video conferencing and computer systems will be installed in small rural distance learning classrooms. The system will provide expanded course offerings for students, professional development opportunities and virtual field trips with community access to expanded vocational and educational opportunities.

Choctaw Nation Health Services Authority; Talihina, OK

\$166,950

Area(s) Served: Choctaw Nation (comprising 10 ½ counties)
Contact: Reece Sherrill (918) 567-7000; Fax: (918) 567-7066
Congressional District(s): 3rd

The Choctaw Nation telemedicine project will include the installation of telemedicine carts in four rural clinics located in Hugo, Broken Bow, and Talihina. The project will provide telemedicine services to over 90,000 people in 10 ½ counties in Southeastern Oklahoma. Access to care for patients at the hub site and rural clinics will be improved by connections to the Tulsa Regional Medical Center. The grant funding will provide an innovative way to bring the highest quality care to the rural communities in the service area.

Guymon School District; Guymon, OK

\$476,424

Area(s) Served: Towns of Balko, Boise City, Felt, Goodwell, Guymon, Hardesty, and Texhoma
Contact: Luis Morton (580) 468-4444; Fax: 580-338-3812
Congressional District(s): 3rd

Guymon School District will utilize RUS grant funds to extend the opportunity for interactive distance learning to 6 rural schools being hosted from Guymon Public School thereby reaching about 1,200 students and 106 teachers. These districts provide educational needs to students living in a 2,370 square mile area larger than the State of Rhode Island. This project will provide expanded course offerings not funded by the State of Oklahoma and will address the higher educational needs of students and the community. Additionally, the project will offer the opportunity for professional development without the need for extensive travel. The project will provide distance learning studio equipment at each location and connectivity not only linking each site together but also to other resources outside the consortium.



Share Medical Center; Alva, OK

\$484,296

Area(s) Served: Northwest Oklahoma, including Alva, Buffalo, Fairview, Kingfisher, Okeene, Seiling, Shattuck, and Natonga

Contact: James D. Noble (580) 327-2800; Fax: (580) 327-2032

Congressional District(s): 3rd

The Share Medical Center will use RUS funds to provide both educational and medical services to 57,803 residents served by a network of eight rural hospitals in Northwestern Oklahoma. The system will provide community health education and prevention classes through the use of video conferencing between the hub medical center and end-user communities. Professional health education classes will be provided for physicians, nurses, and emergency medical service volunteers through the use of video conferencing and digital diagnostic imaging equipment. Teleradiology, clinical teaching, patient examination and patient diagnostic capabilities will be available at the eight rural hospitals.

Western Oklahoma State College; Altus, OK

\$495,200

Area(s) Served: Counties of Comanche, Roger Mills, Blaine, Caddo, and Payne

Contact: Kent Brooks (580) 477-7764; Fax: (580) 477-7861

Congressional District(s): Applicant, 3rd; Project, 3rd and 4th.

Western Oklahoma State College will use RUS grant funds to develop a system of distance learning opportunities. This project will make available dual enrollment for high school students to earn college course credits to 24,000 students of two county school districts and three Native American Nations. The project will also offer adult vocational training courses and course curriculum to 4,000 residents of three Native American reservations which will enable them to obtain GED diplomas and improve their ability to secure meaningful employment in the area. The project will also provide for shared teaching and classroom resources and programs between end user sites, provide teachers with the ability to take courses to continue their teacher training, and to improve the graduation rates of Native American students.



2002 Grant Awards:

Howe Public Schools District I-67; Howe Oklahoma

\$486,928 Grant

Area(s) Served: LeFlore County Towns of Howe, Hodgen and Wister; Pontotoc County Towns of Ada; Pittsburg County Towns of Krebs and McAlester

Contact: Scott Parks (918) 658-3666; Fax: (918) 658-2233

Congressional District(s): Applicant and Project: 3rd

As partners in The Southeast Oklahoma Distance Education Network Consortium's Distance Education Network Project (D.E.N), the Howe Public School District I-67 will increase course offerings, learning experiences for students, professional development for teachers and adult education in rural Oklahoma. The goal of the D.E.N. project is to resolve the education challenges residents of "exceptionally rural" communities encounter. Some of the project's benefits include: (1) expanded course offerings such as advanced Chemistry and English, chances to dialogue with learners in other parts of the state/nation/world, and opportunities for hands-on learning in the area of technology for 3,155 students from early childhood through high school; (2) Opportunities for 253 educators to participate in professional development training, team teaching and collaboration with peers in their field as well as experts in other areas of study; and, (3) Access for 22,821 community residents to on-line training and adult education classes and other learning opportunities. The project's system technology will utilize an IP based video conferencing as its core and will allow the participants to utilize the Internet as the medium for distance travel. All ten (10) of the school end-user sites are committed to having and maintaining at least one single T-1 line for connectivity. The technical design will enable students and teachers to become responsible content creators for capturing, editing and broadcasting portions of the instruction.

Western Oklahoma State College; Altus, Oklahoma

\$415,696 Grant

Area(s) Served: Jackson County Towns of Blair, Duke, Eldorado, Navajo, Olustee & Altus; Greer County Towns of Granite & Mangum; Caddo County Town of Apache;

Cotton County Town of Walters; Comanche County Towns of Cache & Medicine Park
Contact: Randy Cumby, (580) 477-770; Fax: (580) 477-7861

Congressional District(s): Applicant: 4th / Project: 4th & 6th

The Western Oklahoma State College, on behalf of the Southwest Oklahoma Rural Consortium, has been awarded RUS grant funds for an interactive distance learning project consisting of eleven (11) end-user sites. The project participants are seven (7) independent rural school districts, the Comanche Indian Tribe of Oklahoma, one regional community college and one private sector firm. The project will benefit approximately 5,579 students in a four county area covering 3148 square miles. Specifically, RUS grant funds will assist in providing: (a) interactive distance learning studio equipment; (b) equipment which will allow connectivity to eleven (11) end user sites; (c) connection to other networks outside the consortium; (d) equipment upgrades which provide access to



electronic storage and retrieval of courses, course material and Comanche Indian Cultural and Language seminars; (e) teacher and technician training; and, (f) development of introductory Comanche language training content and remedial math preparation. The network and training will also benefit local communities by providing educational training, job instruction, and job advancement opportunities to the citizens served by the school districts. It is feasible that, in the future, some telemedicine and other business applications may use the system. The project involves sites that have past experience with distance learning as well as sites that have not had distance learning experience. All schools involved with this project will use T-1 transmission facilities from various telecommunications providers.

Canadian Valley Technology Center; Chickasha, Oklahoma

\$309,778 Grant

Area(s) Served: Grady County Towns of Alex, Amber-Pocasset, Minco, Ninnekah, Tuttle & Rush Springs

Contact: George Tiner, (405) 222-7220; Fax: (405) 222-3839

Congressional District(s): Applicant: 4th / Project: 4th

The Canadian Valley Technology Center, on behalf of the Grady-NET Consortium, has been awarded RUS grant funds for an interactive distance learning project which consists of six (6) end-user sites. The project participants include six (6) independent rural school districts and a regional vocational technical center. The project will benefit approximately 3,691 students in a 1,101 square mile radius. Specifically, RUS grant funds will assist in providing: (a) interactive distance learning studio equipment; (b) equipment which will allow connectivity to the end user sites; (c) access to resources outside the consortium; (d) equipment which provides electronic storage and retrieval of courses & course material; (e) teacher and technician training. The network and training will also benefit local communities by providing educational training, job instruction, and job advancement opportunities to the citizens served by the school districts. Additionally, although this is a distance learning project, it is planned that various emergency services training such as EMT and volunteer fire services will use the system. The distance learning studios will be equipped at the end-user sites with H.323 Internet Protocol (IP) standard equipment. Each end-user site is currently connected to the state IP network via T-1 circuits and additional capacity for providing multi-point conferencing will be added as a result of bringing these partners onto the Canadian Valley network.

Lane School; Lane, OK

\$497,000 Grant

Area(s) Served: Counties of Atoka and Choctaw

Contact: Jack Humphrey (580) 889-2743; Fax: (580) 889- 9157

Congressional District(s): Applicant 3rd / Project 3rd

The Lane School will use RUS grant funds to equip classrooms with wireless computers and audio/video equipment for distance learning applications in four end user sites in



rural Oklahoma. The project promises to enhance educational outcomes and help students discover educational tracks that will lead to jobs for graduating students in these isolated and impoverished rural communities. Other residents of the community will have access to this equipment for continuing educational purposes. The use of wireless technology for this project will provide this applicant with maximum flexibility for using the equipment in various parts of the school(s) as needed. Budget reductions have precluded the schools from investing in space for traditional computer labs. The versatility provided by this equipment makes it the right choice for this grantee. The project will utilize the State constructed OneNet Internet backbone for access to Internet-based courses. The project will benefit 729 students and over 250 adults interested in job training and continuing education.

Wapanucka Public School;

Oklahoma

\$498,000 Grant

Area(s) Served: Towns of Stringtown, Tupelo, Wapanucka, Atoka, & Milburn

Contact: Stanley Williams (580) 937-4288

Congressional District(s): Applicant & Project: OK 3rd

Wapanucka Public School will accept RUS grant funds on behalf of the Southern Oklahoma Distance Learning Network, to enhance learning opportunities and enrich the educational experience for all rural Oklahoma students by expanding a district learning network at five (5) end-user locations. The project is expected to benefit 1,100 students and up to 250 adults needing improved job skills. Specifically, RUS funds will be used for distance learning video conferencing systems, wireless computer/Internet laboratories and related connectivity, which will provide for greater coverage and improved economies of scale. This equipment will permit continued use of existing classroom space efficiency and provide access anywhere on campus to Internet based learning. The project will make it possible for students to take advantage of sophisticated individually paced learning programs necessary to redress learning difficulties encountered in reading and math at the elementary school level. The needed delivery of Native American languages is an educational short coming that can be addressed as well as missing course curriculum for college preparedness and the growing need of computer skills for younger students. Much of the technology will be adapted to mentoring and individually paced learning approaches, rather than one size fits all education.



2001 Grant Awards:

Hillcrest-Riverside, Inc.; Tulsa, Oklahoma

\$142,000 Grant

Area(s) Served: Okmulgee, Haskell and Wagoner

Contact: Mr. Kurt Smith; (918) 599-5870, Fax: (918) 599-5886

Congressional District(s): 1st and 2nd.

The Tulsa Regional Medical Center (TRMC) will use RUS grant funds for a telemedicine network connecting three rural hospitals to the TRMC. TRMC will serve as the fiscal agent for Hillcrest-Riverside, Inc, and as the focal point of this system. It will purchase and install tele-video equipment that will allow a specialist at TRMC to examine patients at the rural hospital sites. The end-user sites will be linked to the TRMC via the installation of high speed telecommunications (T1) lines, which will facilitate the network expansion of future telemedicine services. The project will serve over 33,000 residents at end-user sites located in Henryetta, Stigler and Wagoner, Oklahoma.

Sequoyah County-City of Sallisaw dba Sequoyah Memorial Hospital, Sallisaw, Oklahoma

Grant Amount: \$63,431

Counties Served: Sequoyah

Contact Person: Ms. Ruth Ann Roark; Phone Number: (918) 774-1100, Fax Number: (918) 774-1142

Congressional District: 2nd

The Sequoyah Memorial Hospital (Sequoyah), a licensed rural medical facility located in eastern Oklahoma has been awarded a \$63,431 Rural Utilities Service (RUS) Distance Learning and Telemedicine (DLT) Grant. The grant funds will be used to purchase a laser film digitizer and integrated optical scanner, which will allow the hospital to transmit radiology images and medical records to the Sparks Regional Medical Center for immediate consultation. Additionally, RUS DLT grant funds will provide for an Internet Web site that will make hospital information readily available to area residents and provide for an optical scanner that will allow medical records to be scanned and stored in a more cost effective manner. The anticipated benefits from the RUS DLT grant funds will enable Sequoyah patients and residents to have better patient care as consultations are available 24 hours a day. The entire county population of approximately 40,000 residents could benefit from lower costs and improved care as a result of the project.



2000 Awards:

KIAMICHI VALLEY DISTANCE LEARNING COOPERATION, INC., Clayton, Oklahoma

\$345,420 Grant

Area(s) served: Buffalo Valley, Clayton, Hartshorne, Latimer, Leflore, Pittsburg, Pushmataha, Talihina, Whitesboro, and Wilburton Counties

Contact: Mr. Jim Smith, (918) 569-4492, FAX: (918) 569-7757

Congressional District: Applicant – 3rd and Project – 3rd

Kiamichi Valley Distance Learning Cooperation, Inc. is a consortium formed for the purpose of providing improved educational delivery in the southeastern Oklahoma. The project proposes expanding the existing distance learning video conferencing system by upgrading each site to sites across the state and country. The Rural Utilities Service (RUS) Distance Learning and Telemedicine (DLT) Grant funds will enhance educational opportunities by adding courses not presently offered, or curriculum unattainable for classrooms at Buffalo Valley, Clayton, Hartshorne, LeFlore, Talihina, Whitesboro and Eastern Oklahoma State College. DS3 based systems will be deployed to connect to on-site classroom CODEC equipment which will be switched at the Red Oak CO of the Oklahoma Western Telephone Company, an RUS borrower. With new CODEC equipment, project interconnection will be possible via dial up ISDN circuits anywhere, while also retaining the full motion video over the intra-system network. Nearly 6,100 students will benefit from the RUS DLT Grant funds by increasing the sharing of resources amongst member districts, promoting the use of state-of-the-art telecommunications services in rural areas and expanding educational opportunities through use of technology.

MERCY MEMORIAL HEALTH CENTER, INC., Ardmore, Oklahoma

\$170,230 Grant

Area(s) served: Love, Carter, and Murray Counties

Contact: Ms. Karen Damon, (580) 220-6757, FAX: (580) 220-6420

Congressional Districts: 3rd

Mercy Memorial Health Center, Inc. is a not-for-profit community hospital in Southern Oklahoma that proposes to use RUS grant funds to provide immediate and ongoing interpretation of radiological procedures and a rural teleradiology network. The project will implement the use of film digitizers, personal computers with modem and appropriate teleradiology software for the three end user sites, Mercy Health-Love County, Healdton Municipal Hospital, and Arbuckle Memorial Hospital, and the hub-site. Dedicated telephone lines will transfer images from rural site to hub for radiologist interpretation. The hub-site will also include a file server, which will allow dial-in and log-on access for respective users. The film digitizer will also be utilized for scanning transfer of hard copy films to other consultants at tertiary care centers out of the area for further consultation as needed. This project will serve 10,222 rural residents.



WESTERN OKLAHOMA STATE COLLEGE, Altus, Oklahoma

\$267,825 Grant

Area(s) served: Cotton, Washita, Jefferson, and Jackson Counties

Contact: Mr. Kent Brooks, (580) 477-7764 FAX: (580) 477-7861

Congressional District: 4th and 6th

Western Oklahoma State College, a two-year community college, in partnership with five rural independent school districts proposes to use RUS grant funds to purchase interactive distance learning studio equipment and equipment, which will allow connectivity to the five rural school districts, and to other networks outside the consortium. This equipment will provide access to library materials at Western Oklahoma State College and offer teacher and technician training. Included as part of Western's mission is to deliver education opportunities and to promote sharing of informational resources through telecommunications capabilities established at the college. The network and training will benefit the communities involved by allowing provision of educational training, job instruction, and job advancement opportunities to the citizens served by the school districts. This project will serve 1,870 students in four Counties.

J.D. MCCARTY CENTER FOR CHILDREN WITH DEVELOPMENTAL DISABILITIES, Norman, Oklahoma

\$111,700 Grant

Area(s) served: Pontotoc, Pottawatomie, Logan, and Seminole Counties

Contact: Mr. Curtis A. Peters, (405) 321-4830 ext. 201; FAX: (405) 321-4833

Congressional Districts: 3rd, 4th and 5th

J.D. McCarty Center for Children with Developmental Disabilities proposes to use RUS grant funds to provide teletherapy in the schools, a Kiosk information and education center, and Internet equipped home computers to families of discharged in-patients to support refresher training, continuing education, intervention and crisis services. These functions will all impact significantly on distance learning. The teletherapy classroom equipment will support distance learning when teletherapy is not scheduled. The telecommunications Kiosk center will disseminate information related to health care, teletherapy, distance learning curriculum, school classes, adult education, and alternative education. The telesupport home computers will be available to rural families for all levels of distance learning available over the Internet. This project will serve 4,008 students and rural residents.



1999 Awards:

Western Oklahoma State College; Altus, Oklahoma

\$304,825 Grant

County Served: Caddo

Contact: Mr. Kent Brooks, (580) 477-7764: Fax (580) 477-7861

This proposal, submitted by Western Oklahoma State College (Western) on behalf of the Caddo-Net Consortium, expands upon a previously awarded grant. The Caddo-Net Consortium is an informal entity consisting of four independent school districts, the Caddo Indian Tribe of Oklahoma (Caddo) and one regional community college, Western. The project will give distance learning opportunities to Caddo and the four school districts through access to Western's network, resources and partnerships. Approximately 2,049 students and 61 teachers and administrators in the four rural school districts will benefit from the distance learning project. In addition, the project will provide distance learning opportunities, job instruction and job advancement possibilities to all citizens served by the four school districts. It will also provide a unique benefit by providing access to the Native American Culture of Caddo. At some future point, telemedicine and other business applications may utilize the system since the school is the center of the rural community and is used for multiple purposes. Interactive videoconferencing equipment will be installed at each of the four schools, Caddo, and Western. Western will serve as the hub site for the proposed project.

Choctaw Nation Health Services Authority, Choctaw Nation of Oklahoma, Tahlequah, Oklahoma

\$195,812 Grant

Areas Served: Atoka, Bryan, Choctaw, Haskell, Latimer, Pittsburg, Hughes, LeFlore, McCurtain, and Pushmataha Counties

Contact: Mr. Danny K. Leader, (918) 567-2211: Fax (918) 567-2029

The Choctaw Nation Health Services Authority plans to use the grant funds to further expand its distance learning and video conferencing capabilities through Oklahoma's OneNet services. In addition, the project will provide direct medical eye care services and medical training from connections with Northeastern State University College of Optometry, Tahlequah, OK; and Oklahoma State University College of Osteopathic Medicine, Tulsa, Ok. The project will serve a 15,000 square mile area with a population well over 60,000 people. The project will provide specialty medical care for diabetes, cardiology, orthopedics, and ophthalmology. It will provide opportunities for local health care providers, students and residents to receive medical and non-medical training.



1998 Awards:

CNA PRO 2000, Inc.

\$241,060 Grant

Location: Oklahoma City, Oklahoma

Area(s) served: Beckham, Grady, Murray, Pawnee, Rogers, and McIntosh

Contact Glenda Effinger

Telephone Number: (405) 632-8262

Fax Number: (405) 634-9226

Congressional District: 6th, 4th, 3rd, 2nd.

CNA PRO 2000, Inc. proposes to use the RUS grant to deliver quality on-site training of Certified Nursing Assistants and others through the use of centralized monitoring, testing, and personalized student assistance through distance learning. The proposed distance learning network will initially consist of a Network Control Center in Oklahoma City and six remote sites located in five rural nursing home centers and one training center. The training will be made available to 229 nursing healthcare facilities located in these six areas which serve 24,521 residents. Qualified nursing assistants are in high demand and the success of this project will lead to the employment of an estimated 5,310 Certified Nursing Assistants per year. CNA PRO 2000, Inc. intends to expand its program nationwide.

Western Oklahoma State College

\$226,040 Grant

Location: Altus, Oklahoma

Area(s) served: Kiowa, Jackson; Contact: Kent Brooks

Telephone Number: (580) 477-7764

Fax Number: (580) 477-7861

Congressional District(s): 4th, 6th.

The Western Oklahoma State College has received a grant on behalf of the Kiowa-NET consortium which includes four independent rural school districts and one regional community college (Western Oklahoma State College). This project will extend opportunities for the sharing of resources over an area larger than the State of Rhode Island. This project will enable the rural school districts to fulfill a need to provide expanded course offerings, higher education opportunities in the school and community and address the great need for professional development. Benefits of this project will include the sharing of teaching and classroom resources and programs between consortium participants; provide additional video networking and data equipment for interaction with other southwestern Oklahoma K-12 school districts; provide quality professional development for teachers; provide technical assistance training; and provide concurrent enrollment for high school students so they may actually earn college credits before graduating from high school. Fulfillment of this vision will provide the overall



benefits of distance learning to 2,060 students and 166 teachers and administrators in the four districts.

1997 Award:

Burlington Public School

Award: \$65,618 Grant / Loan: \$46,783

Total: \$112,401

Location: Burlington, Oklahoma

Area(s) Served: Counties of Alfalfa and Woods

Contact Person: Debby Werth

Telephone Number: 316-239-4143

FAX Number: 316-239-9960

This project will provide funding for a distance learning network between Burlington, Cherokee, and Alva Public Schools in the north central area of Oklahoma. These schools have enrollment of approximately 1,602 students. Financial assistance from RUS will allow the schools to use cutting-edge technology to produce high school graduates well-prepared for college, make more efficient use of teacher instructional time, provide summer school, provide community adult education, and provide staff training in a cost effective manner. Each school will have the capability to be connected to three other schools at one time. In addition, this network will connect the three schools to Northwestern Oklahoma State University and 14 other high schools with two links to the Oklahoma OneNet system.

Choctaw Nation Indian Hospital

Award: Grant: \$198,352

Location: Talihina, Oklahoma

Area(s) Served: Counties of Broken Bow, Choctaw, Hugo, Leflore, McAlester, McCurtain, Pittsburg, and Talihina

Contact Person: Ms. Rosemary Hooser

Telephone Number: 918-567-2211

Fax Number: 918-567-2631

Choctaw Nation Indian Hospital is in an extremely rural area and is isolated from and cannot provide many critical services which are provided in larger more urban areas. Its clinics, located in Broken Bow, McAlester and Hugo are also in rural, isolated and impoverished areas. Choctaw's application for RUS funding under the Distance Learning and Telemedicine Program will be used primarily for connectivity and equipment of Choctaw, and its three remote clinics for implementation of a telemedicine program. The hospital and clinics will utilize Local Area Networks and Wide Area Network to provide video conferencing among physicians and other health care providers; video conferencing between patients, local physicians and remote specialists; and teleradiology components allowing the four sites to send X-ray images for analysis.



Kiamichi Valley Distance Learning Co-Op

Award: \$273,740 Grant

Location: Clayton, Oklahoma

Area(s) Served: Cities of Buffalo Valley, LeFlore, Hartshorne, Clayton, Talihina, Whitesboro, Wilburton, McAlester and; Counties of Pushmataha, Latimer, LeFlore, and Pittsburg

Contact Person: Jim Smith

Telephone Number: 918-569-4492

Fax Number: 918-569-7757

The Kiamichi Valley Distance Learning Co-Op, a consortium of six independent school districts, will use RUS funding to improve and expand an already successful distance learning videoconferencing network. This expansion will allow a greater number of courses to be offered and shared between the districts to benefit accelerated and average students as well as the community. Also, the Eastern Oklahoma State College will be able to provide more college level courses and programming to the districts. The expanded network is expected to benefit 5,007 students in the districts and to assist adults with desperately needed improved job skills. The availability of expanded information will provide the students and community the ability to compete in the global economy and information age.

Holdenville General Hospital

Award: \$123,519 Grant

Location: Holdenville, Oklahoma

Area(s) Served: Counties of Hughes, Seminole, and Pontotoc

Contact Person: Melissa McClellan

Telephone Number : 405-379-4172

FAX Number: 405-379-4171

Holdenville General Hospital is a 36-bed, municipally-owned hospital. It serves a predominately elderly and low income population in southeastern Oklahoma. The hospital is located in Hughes County with a population of 13,023 and also serves the adjoining counties of Seminole and Pontotoc with a combined population of 72,554. The area has a diagnosed diabetic population of 12 times higher than the national average. Rural residents currently travel to larger cities to see specialists not currently available at Holdenville General Hospital. Some trips average 180 to 240 miles round trip. Two major obstacles for the hospital are the difficulty in recruiting specialty physicians and the lack of available funds for the implementation of new services.

The RUS Grant will provide funds to transform the present Outpatient Specialty Department into a Telemedicine Clinic. The Telemedicine Clinic will allow patients at Holdenville General Hospital to access specialists not currently on-staff at the hospital. The project will also bring the hospital's present teleradiology equipment on-line making it operational. It will allow physicians to remain in their urban environment at Saint Francis hospital in Tulsa located in northeastern Oklahoma while caring for the residents



in the Holdenville area. The outcomes of the project are: improvement of service delivery to area residents, as will be evidenced by the number of consultations conducted via telemedicine; recruitment of a family practice physician to the area; increase of hospital's outpatient revenues which is a targeted growth area for Holdenville General Hospital; and improvement of the hospital's financial situation.

1996 Grant Award:

Southwest Oklahoma Tele-Education Consortium

\$79,000

Frederick, Oklahoma

Contact Person: Mike R. Hagy

Phone Number: 405-335-5516

FAX: 405-335-2324

The Southwest Oklahoma Tele-Education Consortium (SOTEC) has been awarded an RUS grant to assist with a proposed interactive television (ITV) network enabling ten schools to expand curriculums, work together and explore new teaching methods in a four county area. The grant funds will be specifically used to purchase interactive video equipment. All ten schools will have the option of having inter-acting classes with the other SOTEC schools throughout the daytime. In the evenings, each SOTEC school can enroll adults and high school students into college classes with there ITV facility. The rural communities in the four county region, particularly the students and teachers, are expected to benefit from the project from: shared curriculums; local technical and higher educational opportunities; and local access to business conferences and down-linking of business and commerce information such as global marketing reports, trade information, etc.

1995 Grant Awards:

(1) Stillwater Medical Center Trust Authority

Stillwater

The project will link four rural hospitals to provide consultative, diagnostic and teleradiological services to residents in eastern Oklahoma.

(2) Wheatland Resource, Conservation and Development Association

Enid

The system will connect rural schools to the University of Oklahoma and Oklahoma State University and two medical centers. It will provide access to training in health care, public safety and adult education, as well as teacher sharing for grades K-12.



1994 Grant Award:

McCurtain County Higher Education Program

McCurtain County

This project will expand a distance learning consortium of 5 high schools and a vo-tech school by adding a full-motion interactive video network. The existing consortium will add a county hospital site and 2 county industries. Also, the new system will allow the high schools and vo-tech school to gain access to much wider and comprehensive array of educational resources through an existing microwave link between one of the sites and the Carl Albert State College and Eastern Oklahoma State College. High schools students and other residents throughout McCurtain County and surrounding vicinities will benefit from college-level classes, evening classes, a nursing program as well as specific educational offerings for local industries. The system has multiple transmission formats.

1993 Grant Award:

Northwestern Oklahoma Technical Consortium, Inc.

Seiling

Serving 11 high schools and two Vo-Tech districts, the consortium plans an interactive video system for a variety of educational, medical and community applications.