



DLT Awards - Kansas

2006 Grant Awards

Ellsworth County Medical Center

Ellsworth, Kansas

\$297,045

Areas Served: Barton, Ellsworth, Ellis, Reno, Russell, Saline, Wichita, Wyandotte

Contact: Mr. Roger W. Pearson

Telephone: 785-472-5028

Fax: 785-472-5396

Congressional District: KS-01, 03

Rural Development funds will be used to initiate a telemedicine system that will combine voice and video data with medical applications, and distance learning to enable patients with emergency needs to be examined at local clinics. It will also provide the capability to receive mental health evaluations through expert consultations and increased response to medical records. The system will provide medical services to over 39,000 rural residents of Kansas.

2005 Grant Awards:

Southeast Kansas Education Service Center

Girard, KS

\$499,920

Areas Served: Allen, Bourbon, Cherokee, Clay, Crowley, Crawford, Dickinson, Doniphan, Franklin, Greenwood, Lincoln, Linn, Lyon, Montgomery, Nemaha, Neosho, Osage, Pottawatomie, Wilson, and Woodson Counties

Contact: Carol Woolbright

Telephone: 620-724-6281

Fax: 620-724-6284

Congressional District: KS-01, KS-02, KS-04

Economical digital education programs provided through distance learning will strengthen schools and communities. Benefits of the project include instructional programming, enhanced and expanded learning opportunities for all members of the community, and training for school staff and residents. Thirty-one schools will participate in the project and 17,086 students and residents will be affected.

Rural Health Resources of Jackson County, Inc.

Holton, KS

\$492,076

Areas Served: Jackson County



Contact: James W. Fairchild
Telephone: 785-364-2116
Fax: 785-364-9613
Congressional District: KS-02

Digital imaging, teleradiology, and patient medical assessments will improve the availability, timeliness and quality of diagnostic services for approximately 4,000 rural Kansans. Existing commercial broadband ISP will transport the digital information between the hub site and three end-user sites.



2004 Grant Awards:

Maude Norton Memorial City Hospital

Columbus, Kansas

\$198,000

Area(s) served: Cherokee and Labette Counties

Contact: Cynthia A. Neely, 620-429-2545; Fax: 620-429-1984

Congressional District(s): Applicant -- KS-02; Project - KS-02, MO-07

Maude Norton Memorial City Hospital will purchase Digital Radiography (DR) and a workstation to provide a state-of-the art digital imaging linked to an enterprise-wide Picture Archiving and Communication System (PACS) at St. John's Regional Medical Center in Joplin, Missouri. Once implemented, this link will provide access to top quality radiologists and specialists for rural residents in southeast Kansas. Approximately 22,000 residents will benefit from the new technology.

2003 Grant Awards:

Unified School District # 364; Marysville, KS

\$442,860

Area(s) Served: Cities of Marysville, Blue Rapids, Frankfort, and Axtell

Contact: Philisha Stallbaumer (785) 292-4453; Fax: (785) 562-5309

Congressional District(s): 1st

The Unified School District # 364 of Marysville, KS, will use RUS grant funds to provide distance learning classrooms and capabilities to four schools in the rural Kansas communities of Marysville, Blue Rapids, Frankfort and Axtell. Schools and communities will benefit from new distance learning opportunities in the form of higher education learning courses, GED courses, professional development training, virtual field trips, health education and other general learning opportunities as well as connectivity to the KAN-ED network.

Unified School District # 442; Seneca, KS

\$456,239

Area(s) Served: Cities of Bern, Centralia, Corning, Highland, Seneca, and Vermillion

Contact: Philisha Stallbaumer (785) 292-4453; Fax: (785) 562-5309

Congressional District(s): 1st and 2nd

The Unified School District # 442 will utilize RUS funding to update equipment at three sites and establish ITV equipment at one new site, for three schools and one college. The equipment will connect to a statewide broadband network allowing access to many other sites and possible additional opportunities. The network will serve approximately 921 K through 12 students at the three school sites along with the additional future benefit to the



college which will now serve as a hub site. The project will serve six communities with an approximate combined population of 4,113 persons. The network will provide opportunities for the advancement of students, community members, and also serve as a medical training site for the community and medical staff. The network will enhance, improve, and increase the educational opportunities to the complete area population through an Interactive Distance Learning network that will connect to the State (KAN-ED) network.

2002 Grant Award:

Barton County Community College; Great Bend, Kansas

\$69,550 Grant

Area(s) Served: Barton County Towns of Great Bend and Ellinwood; Russell County Towns of Lucas-Luray and Russell; and Ellsworth County Towns of Quivira Heights and Wilson

Contact: Cathie Oshiro (620) 792-9234; Fax: (620) 792-5626

Congressional District(s): Applicant and Project: 1st

Barton County Community College will use RUS grant funds to develop an interactive television (ITV) system for distance teaching and learning designed to improve both the quality of instruction and to increase the variety of courses offered to high school and college students in rural central Kansas. There are five (5) rural high schools located in exceptionally rural areas participating in the project. Serving as the hub site as well as an end-user site is the Barton County Community College which will also provide technical support for the partnership. The focus of the project is to develop and implement an IP ITV telecommunications system to deliver college courses, high school courses, lifelong learning, adult education, and business and industry training. The project will provide 45,770 residents access to ITV services. A potential 40,350 residents 19 and older could benefit from services including adult education, business and industry training, and lifetime learning. It is expected that the project will also provide access to improved educational opportunities to 5,427 children and youth (K-12) who are enrolled in the school districts where the hub site and end-user sites are located. The proposed system will incorporate the services of two existing networks. AT&T will provide the T1.5 line and Southwestern Bell will provide local line connections at host and remote sites. End-user sites will also benefit from the IP Video network that is currently being established between Barton Community College and Kansas State University.



Hays Medical Center; Hays, KS

\$195,000 Grant

Area(s) Served: Kansas counties of Cheyenne, Rawlins, Graham, Rooks, Logan, Lane, Ness, Rush, Barton, Kiowa; Nebraska counties of Harlan

Contact: Jodi Schmidt (785) 623-2301; Fax (785) 623-5030

Congressional District(s): Applicant Kansas 1st / Project Kansas 1st; Nebraska 3rd

Hays Medical Center will use RUS grant funds to purchase teleradiology equipment for 11 rural critical access hospitals in exceptionally rural areas of northwest Kansas and one hospital in south central Nebraska. Western Kansas is experiencing a serious problem related to out migration of their younger population. This depopulation of the region is responsible for a loss of tax revenue for the state and a statistically higher elderly population. Because the elderly require more health care services than the middle aged and young, the county service areas are faced with increasing demand on health care facilities in a situation in which tax revenues are declining. This telemedicine project will serve to decrease the overall costs associated with health care by providing earlier diagnosis and treatment of serious health concerns, providing rural patients with access to medical specialists and providing better use of the scarce medical resources available in the service area. Over 16,000 rural patients will be served by this project.

2001 Grant Awards:

Smith County Memorial Hospital; Smith Center, Kansas

\$59,500 Grant

Area(s) Served: Osborne, Phillips and Smith Counties, Kansas, and Franklin and Webster Counties, Nebraska

Contact: Mr. John Terrill; Phone: (785) 282-6845; FAX: (785) 282-6331

Congressional Districts: Applicant - 1st and Project - 1st- KS, 3rd - NE

Smith County Memorial Hospital (SCMH) serves approximately 8,000 patients in the rural areas of North Central Kansas and South Central Nebraska. The Rural Utilities Service (RUS) grant funds in conjunction with matching funds from SCMH will provide for the installation of the teleradiology services and a laboratory information system at SCMH. The anticipated benefits from the grant will enable SCMH patients to have their radiology films interpreted immediately after a radiological study is completed, and allow for the timely and concise manner in which laboratory results are reported to physicians. SCMH plans to implement a teleradiology system that utilizes communication services to link with the Mary Lanning Memorial Hospital in Hastings, Nebraska. Currently, radiologists from the Mary Lanning Memorial Hospital, located 75 miles from Smith Center, provide radiology services at SCMH two times a week (Tuesday and Friday mornings). At other times, films are transported to Hastings for interpretation. Mary Lanning Memorial Hospital has already installed the teleradiology equipment and software necessary to receive the images to be sent from SCMH. Under this grant, SCMH will also implement a laboratory information system. This system will connect all of the



laboratory analyzers to one work station so that results can be sent electronically to physician's offices and to the SCMh nurses' station. The laboratory results will be reported to the physician in a concise manner and will be available for immediate action.

2000 Grant Awards:

PHILLIPS COUNTY HOSPITAL, Phillipsburg, Kansas

\$247,738 Grant

Area(s) served: Kansas: Phillips and parts of Norton, Graham, Rooks and Smith

Counties; Nebraska: some counties in the southern part of the state

Contact: Mr. Jim Wahlmeier, (785) 543-5226; FAX: (785) 543-6272

Congressional District: 1st

The Phillips County Hospital will oversee and develop a network for the Phillips County Health Consortium (PCHC). It is anticipated that the project will improve health care services and provide continuing education for area healthcare professionals, which will benefit over 25,000 residents. The hospital will serve as the focal point of this system. The PCHC proposes to install a LAN/WAN connection. The LAN will be installed in the Phillips County Hospital to link all of its departments for data, communications, and video conferencing. The WAN will be located in the Phillips County Hospital which will connect to Phillips County Medical Clinic, Phillips County Retirement Center, Phillips County Emergency Medical, and Great Plains Health Alliance satellite office, all located in Phillipsburg, Kansas, as well as Logan Medical Clinic and Logan Manor Community Health Services in Logan, Kansas. The Great Plains Health Alliance satellite office will then be connected to the Great Plains Health Alliance hub site in Wichita.

1999 Award:

Kansas State University; Manhattan, Kansas

\$350,000 Grant

Area(s) served: State of Kansas

Contact: Mr. Paul R. Lowe, (785) 532-6804; Fax (785) 532-5944

Kansas State University will use RUS grant funds to implement the "Reach Across Kansas" project. This project will extend the current statewide distance learning network, Telenet 2 System, to 80 additional communities. Once this project is completed, all 105 county seats in the State of Kansas will be connected to the statewide network bringing residents credit and non-credit programs from the Kansas State University campus in Manhattan through videoconferencing technology. This project will serve an area with 833,966 residents.



1998 Award:

Colby Community College

\$99,417 Grant / \$98,407 Loan

Total: \$197,824

Location: Colby, Kansas

Serving the Counties of Cheyenne, Rawlins, Decatur, Norton, Phillips, Sherman, Thomas, Sheridan, Graham, Rooks, Wallace, Logan, Gove, and Trego

Contact Dr. Mikel V. Ary

Telephone Number: (785) 462-3984

Fax Number: (785) 462-4699

Congressional District(s): 1st.

The Colby Community College has received a loan which will increase educational and health care opportunities for 250,000 rural Kansas residents. Colby Community College will use interactive television equipment and related telecommunications technology to import courses from Wisconsin for a new dental hygienist program, receive electrical courses from Goodland for a new irrigation technology program, expand nursing education in Norton, and increase degree program offerings and general education courses at Goodland. There is an extreme shortage of dental hygienists and nurses in western Kansas. This loan will allow components of a high quality dental hygienist program to be taught at Colby Community College over interactive television and alleviate state shortages. Additionally Colby Community College could provide additional nursing instruction via distance learning technology to the Norton County Hospital resulting in better rural health care.

1997 Award:

Horton Health Foundation

Award: \$146,961 Grant

Location: Horton, Kansas

Area(s) Served: County of Brown

Contact Person: Dale A. White

Telephone Number: 913-486-2642

Fax Number: 913-486-3620

The Horton Health Foundation (Horton) is a not-for-profit organization located in the City of Horton in Brown County, Kansas. Brown County is a federally designated Health Professional Shortage Area, as well as a Medically Underserved Area. Horton consists of a community hospital, hospital-based home health agency, physical, speech and occupational therapy services, emergency medical services system, rural health clinic, specialty clinic and a retail pharmacy. Travel distance and the lack of public transportation created barriers to care for rural patients, especially the elderly, disabled



and economically disadvantaged. In addition, recruitment and retention of health providers has been a persistent problem in the rural communities.

Horton is seeking RUS grant funding in order to link the services available at an academic medical center (University of Kansas Medical Center) and a tertiary facility (St. Francis Medical Center) to the residents and health care providers in rural Brown County. Using both telecommunications and internet/intranet technology, it is intended to create an intergrated system for providing emergency room back-up, specialty consultations and information to its health care providers and community residents.

1996 Grant Award:

Cowley County Community College

\$283,828

Arkansas City, Kansas

Contact Person: Gary Detwiler

Phone Number: 316-441-5217

FAX: 316-441-5350

An RUS grant award will assist the South Central Kansas Rural Distance Learning Project in overcoming barriers of transportation, distance, and isolation which limit opportunities for interactive education and access to information resources. These barriers make it impossible for students and adults within the region to receive equal opportunities for educational or career resources when compared to those in urban areas. Specifically, the project will build upon an existing closed loop interactive television consortium and expand it by creating new open-access gateways from the rest of southern Kansas to the metropolitan area of Wichita -- and eventually to the world. The equipment will provide access to advance-level high school courses (not affordable before), experts from a variety of professions, and community college and university courses.

1995 Grant Award:

Western Kansas Community Services Consortium

Pratt

The educational system will connect 10 sites, including eight post-secondary schools and Kansas State University. Courses to be offered include: vocational training, business administrations the arts and continuing education for professionals in education and medicine. The system will also provide medical services through partnerships with colleges and regional medical centers.



1994 Grant Awards:

University of Kansas Medical Center

Name of Project: Western Kansas Area Health Education Center Rural Telemedicine Project

Project Area: Sherman, Finney, Logan, Philips, Grant, Stanton, Kearny and Hamilton

The University of Kansas Medical Center will utilize a compressed video interactive system in digital format to bring medical expertise, training and direct consultation with St. Catherine Hospital, NW Kansas Regional Center, Logan County Hospital and Phillips County Hospital, all serving remote locations in Central and Western Kansas.

West Solomon Valley School District #213

Name of Project: Interactive-Consortium Academic Network (I-CAN)

Project Area: Phillips, Smith, Norton, Osborne, Rooks and Ellis

RUS funds will expand on an existing analog interactive distance learning system covering nine K-12 school districts in Northwest Kansas. A pilot project, originally funded by the Rural Telephone Services Company interconnected the schools and linked by video to Fort Hays University. The expansion will add a second classroom to each site, which will diversify classes offer better access for teachers and students. The grant will also allow the consortium to install computerized controls for the complex scheduling process. In addition, a CODEC will be installed to allow interconnectivity with statewide and national digital networks. The expanded analog system will provide elementary and secondary classes, college-level courses, teleconferencing for training faculty and administrators, and medical training courses for nurses and emergency personnel. Signals are carried on fiber optic lines with sections of the system on microwave channels.

1993 Grant Award:

Community Hospital Onaga, Inc.

Onaga

This telemedicine project expands the exchange of medical information by rural hospitals in Holton, Horton, Onaga and Seneca with St. Francis Hospital, Topeka. The project provides managed care by sharing clinical records, toxicology information, teleradiology, distance medical consultation and education to rural health care providers.