



## **DLT Awards - Iowa**

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

#### **University of Iowa**

Iowa City, IA

\$198,000

Areas Served: Johnson, Dallas, Appanoose, Keokuk, Louisa, Tama, Benton, Cedar, Iowa Counties

Contact: Michael D. Abramoff, MD

Telephone: 319-356-3938

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

Nine University of Iowa Community Medical Services primary care clinics will link to the Department of Ophthalmology at the University over the Internet. Pictures taken with special digital cameras capable of photographing the retina and optic disc of the eye will be transmitted to the central hub for examination by ophthalmologists. Over 4,000 patients are expected to benefit each year from this program.

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

#### **Wayne County Hospital**

Corydon, Iowa

\$422,278

Areas served: Adair, Decatur, Ringgold, and Wayne Counties

Contact: Joyce E. McDanel, 641-872-2260

Congressional District(s): IA-02, IA-05

Wayne County Hospital will utilize RUS funding to establish a Rural Telehealth Network in a four-county region of southwest Iowa. The project will provide both distance learning and telehealth services including health education and prevention classes to end-user communities, professional health education classes for physicians, nurses, and EMS volunteers, and radiologic consults and diagnostic examinations through the use of video conferencing and digital diagnostic imaging between the hub site (Wayne County Hospital) and local physicians at the other three end-user sites. This project will provide these benefits to 28,729 rural residents in the four-county area.



## **2003 Grant Awards:**

### **Mercy Medical Center; Mason City, IA**

\$287,362

Area(s) Served: Counties of Butler, Chickasaw, Floyd, Franklin, Hancock, Hardin, Howard, Kossuth, Mitchell, Palo Alto, Winnebago, and Wright

Contact: Doug Morse (641) 422-7007; Fax: (641) 422-6383

Congressional District(s): 1st and 4th

Mercy Medical Center will utilize RUS grant funds to acquire teleradiology equipment, film digitizers and related hardware and software at nine rural primary care and emergency access hospitals serving a 12 county area. The project will enable the remote reading of radiology records allowing quicker treatment, better care, less out-migration from rural hospitals and less travel/expense for rural residents.

## **2001 Grant Awards:**

### **Corning Community School District; Corning, Iowa**

\$494,289 Grant

Area(s) Served: Corning, Bedford, Greenfield, Lenox, Corydon, Truro, Martensdale, Liberty Center, and Pleasantville

Contact: Mr. Gregg Fuerstenau; (641) 322-4242; FAX: (641) 322-5149

Congressional District: 3rd & 4th

RUS funds will be used to connect twelve school districts in south central Iowa to provide classes over the existing fiber optic video system in all the schools. The school districts involved are: Corning Community School District located in Corning; Bedford Community School District, Bedford; Nodaway Valley Community School District, Greenfield; Lenox Community School District, Lenox; East Union Community School District, Afton; Mount Ayr Community School District, Mount Ayr; Central Decatur Community School District, Leon; Wayne Community School District, Corydon; Interstate Community School District, Truro; Martensdale-St. Mary's Community School District, Martensdale; Southeast Warren Community School District, Liberty Center; and, Pleasantville Community School District, Pleasantville. These school districts comprise the Pride of Iowa Conference. All of the schools in the project are rural schools faced with declining enrollment and a teacher shortage, particularly in math, science, and advanced courses. This project will allow the school districts in the Pride of Iowa Conference to provide math, science, and other advanced courses by combining resources and providing these classes over the fiber optic system via the Iowa Communications Network. This system will serve the patrons of the twelve districts that include approximately 38,959 rural residents and 7,241 students.



## **Indian Hills Community College; Ottumwa, Iowa**

\$94,028 Grant

Area(s) Served: Wapello, Mahaska and Monroe Counties

Contact: Tim Wynes; Phone: (641) 683-5230

Congressional District: 3rd

RUS funds will be used to equip the Iowa Bioprocessing Training Center located in Eddyville, Iowa, with the Iowa Communications Network (ICN). The goal of this project is to provide continuous educational and skill training for area residents to have the opportunity to enroll in higher education courses from 4-year institutions; for approximately 1,000 employees from four manufacturers and numerous contractors working in biotechnology processes; and, as an outreach capacity to K-12 schools throughout the state. This project is to primarily benefit the 1,000 manufacturing employees and contractors in the biotechnology field, but can also benefit approximately 1,600 students.

## **Lamoni Community School District; Lamoni, Iowa**

\$249,380 Grant

Area(s) Served: Decatur, Wayne, Ringgold, and Clarke Counties

Contact: Joan Bolon; Phone: (641) 784-3342

Congressional District: 3rd

Lamoni Community School District was selected as the legal entity to receive the RUS grant on behalf of the Decatur County Regional Academy Consortium. The consortium consists of Lamoni Community School District (Lamoni), Central Decatur Community School District (Leon), Lineville-Clio Community School District (Lineville), and Mormon Trail Community School District (Garden Grove). All of these schools are rural and face declining enrollment and a teacher shortage, particularly in math, science, and advanced courses. These four high schools in collaboration with Graceland University will form a regional high school academy to use distance learning to provide high school students with advanced level courses and technical courses not currently available within the curriculum of the local school district. RUS funds will be used to upgrade technology for the schools and connect via the Iowa Communications Network. This project will benefit 1,557 students.



## **2000 Grant Awards:**

### **BUENA VISTA UNIVERSITY, Storm Lake, Iowa**

\$223,255 Grant

Area(s) served; Plymouth County

Contact: Dr. John Phillips, (712) 749-2250; FAX: (712) 749-1470

Congressional District(s): 5th

This grant will enable Buena Vista University to establish distance learning and telemedicine facilities in the town of Le Mars, Iowa. This project will enable Buena Vista University and Western Iowa Tech Community College to offer degree programs to the residents of Plymouth County. In addition, the proposed telemedicine facilities at Floyd Valley Hospital will provide the delivery of teleradiology services as well as health related courses and training for patients and medical personnel. Plymouth County has been identified as a medically under-served area.

### **HEALTH PARTNERS OF SOUTHWEST IOWA, Red Oak, Iowa**

\$63,000 Grant

Area(s) served: Cass, Montgomery, and Shelby

Contact Person: Ms. Karen Patterson, (712) 623-7129; FAX: (712) 623-6477

Congressional District(s): 4th Iowa

Health Partners of Southwest Iowa is a consortium of three rural hospitals in an isolated area of Southwest Iowa. These hospitals are Cass County Memorial Hospital, Montgomery County Memorial Hospital and Shelby County Health System. Three basic problems have been identified in these very rural areas of Southwest Iowa which prompted development of this telemedicine project: 1) an aging population (much higher than state or national averages) resulting in medical problems associated with chronic and acute illness, 2) lack of continuing education opportunities for the rural health care workers and 3) diminished health care dollars for patient care activities. While the project is mostly telemedicine, it will provide distance learning also. RUS funding will allow the project to provide video-teleconferencing capabilities that will allow patients access to consultation with specialists more frequently. In addition, this technology will allow timely interpretation of radiography films (MRI's, Cat Scans, Ultrasounds) at all times of the day or night. Employees' knowledge of the medical field will also be enhanced as a result of medical educational sessions that will be presented. The number of people who will be served include the population of the service area of each hospital (approximately 61,000 combined total of the three area hospitals).



## **IOWA INTERACTIVE INSTRUCTION-LEARN (I-LEARN CONSORTIUM), West Bend, Iowa**

\$350,000 Grant

Area(s) served: Palo Alto

Contact: Mr. Peter Nessen, (515) 887-3264; FAX (515) 887-3266

Congressional Districts: 5th

This educational grant is a consortium of three exceptionally rural community school districts in Northwest Iowa requiring funds to construct a distance learning project. The grant funds are needed to proceed with the acquisition and installation of communications equipment required for implementing access to local, national, and international information sources and services. It will be connected to fiber optic telephone facilities that run near the consortium facilities. This project will help train teachers, students, staff, firefighters, and ambulance crews and nursing home caregivers.

### ***1999 Grant Award:***

#### **Fayette Community Library; Fayette, Iowa**

\$50,425 Grant

Counties Served: Fayette

Contact: Ms. Christie V. Dennis, (319) 425-4316; Fax (319) 425-4316

The Fayette Community Library is approximately 50 miles away from the nearest large city. The library is building an addition that will contain a classroom and a fiber optics terminal to house technological equipment for providing interactive distance learning. This network will provide residents with nearby access to geographically distant resources such as education and training. This system will provide non-traditional courses, educational classes, and training seminars. In addition, health care professionals will utilize the facility for telemedicine education and training classes.

### ***1996 Grant Awards:***

#### **Decatur County Hospital**

\$245,394

Leon, Iowa

Contact Person: Neil Davenport

Phone Number: 515-446-4871

FAX: 515-446-4130

An RUS grant award will be used by Decatur County Hospital to allow for the expansion of health care services and for strengthening the viability of the rural hospital. This project involves both distance learning and telemedicine components. The telemedicine component of this project will involve transmission of fiber optic signals to send and



receive general medical and psychiatric specialty services. The distance learning component will involve communication of mental health and other educational information between computers over the Internet. Specifically, the funds will be used to establish a fiber optic studio within the Family Oriented and Child Services ( FOCUS) unit to help complete work on studios in the other four primary hospitals that make up the Iowa catchment area. They will also be used to complete fiber optic studio links in those schools where the hospital works closely with. The overall result will be improved general medicine and mental health services to a seriously underserved and economically disadvantaged rural population.

### ***1995 Grant Award:***

#### **Northwestern College**

Orange City

The system will provide 37,000 rural residents, including students, patients and other residents, access to the Iowa Communications Network for educational and medical services. The sheriff s department will use the system to conduct distance parole hearings.

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

#### **HLV Community School District**

Iowa and Poweshiek Counties

This distance learning project will fund interactive video classroom equipment, a CODEC unit, and make classroom modifications in two East Central Illinois school districts. The HLV School District in Iowa County and BGM School District in Poweshiek County will interconnect with each other and with Kirkwood Community College (Kirkwood) , south of Cedar Rapids, Both fiber optic and copper "twisted pair" lines, will be utilized to transport compressed video interactively over a T1 circuit. This will allow both school districts to enhance their course offerings. Classes such as Math, Foreign Languages, Environmental Sciences and other curricula are planned for High School students. Also planned are special programs and courses for elementary school children.