



## **DLT Awards - West Virginia**

### **2006 Grant Awards**

#### **Fayette County Schools**

Fayetteville, WV

\$490,657

Areas Served: Fayette

Contact: Mr. Ben Pettry

Telephone: 304-574-1176

Fax: 304-574-3643

Congressional District: WV-03

Rural Development funds will be used to install eight distance learning centers in Fayette County's 6 high schools, the Fayette Institute of Technology Vocational-Technical facility, and the New River Family Health Center. The distance learning capabilities will be utilized for shared academic and vocational-technical instruction, community adult education and continuing professional education, as well as health and wellness education for students, parents, and residents of the communities.

#### **Pleasant Valley Hospital dba Pleasant Valley Home Health**

Point Pleasant, West Virginia

\$291,280

Areas Served: Mason

Contact: Ms. Trina G. Hannan

Telephone: 304-675-7400

Fax: 304-675-7401

Congressional District: WV-02

Rural Development funds will be used to develop a home telemonitoring and point-of-care system for rural residents of Mason County. The telemonitoring system will be used to decrease morbidity, reduce hospitalizations, emergent care visits and improve patients' quality of life for those living in rural areas with limited access to health care services. The home telemonitoring system will provide the patient and/or caregiver the ability to measure heart rate, blood pressure, temperature, blood glucose levels and oxygen saturation. Information is transmitted by phone from the patient's home to a hub site where a nurse can interpret the data and provide intervention as directed by a physician.



## **Wetzel County Hospital**

New Martinsville, WV

\$269,715

Areas Served: Tyler, Wetzel

Contact: Mr. David K. McCartney

Telephone: 304-455-8013

Fax: 304-455-4259

Congressional District: WV-01

Rural Development funds will be used to implement a CR and PACS system at Wetzel County Hospital which will digitally capture and store patient imaging studies. The system will allow physicians to access current and prior patient diagnostic studies in real-time from a distant location which will improve treatment initiation start time and quality as well as greatly reduce the need for patient travel.

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

### **Braxton County Schools**

Sutton, WV

\$500,000

Areas Served: Braxton County

Contact: Carolyn D. Long

Telephone: 304-765-7101

Fax: 304-765-7148

Congressional District: WV-02

A distance learning program in eight schools will provide distance learning labs offering increased course options to students, opportunities for professional staff development, adult basic education courses, GED classes, continuing education courses, job training courses, and on-line college and university degree programs. The project will serve 2,547 students and 4,286 residents of Braxton County.

### **Harrison County Board of Education**

Clarksburg, WV

\$349,935

Areas Served: Harrison County

Contact: Mr. Marcel Malfregeot

Telephone: 304-326-7337

Fax: 304-624-3327

Congressional District: WV-01

This project will expand the current WAN, T1, and IP telecommunication technologies to ten additional rural schools and add the Harrison County Bureau of Emergency Services



to offer new courses, virtual field trips, professional training, and coordinate disaster relief in the area with state and local authorities. The project will serve more than 9600 students and 1,500 school board employees.

### **Roane County Schools**

Spencer, WV

\$485,825

Areas Served: Roane County

Contact: Stephen Goffreda

Telephone:304-927-6400

Fax: 304-927-6402

Congressional District: WV-01

Each elementary school in the district will receive a Wireless mobile learning lab, supplemented by notebook PCs for teachers, whiteboards and digital projectors, all employing VOIP and other interactive learning technologies. Over 2,500 students and faculty will benefit directly from this project

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

#### **Southern West Virginia Community and Technical College**

Mount Gay, West Virginia

\$372,900

Area(s) served: Logan, Lincoln, McDowell, Mingo, Raleigh, & Wyoming Counties

Contact: Ronald Lee Hamilton, 304-792-7196

Congressional District(s): WV-03

The college will deploy an integrated video-conference based distance learning system that will provide courses to 15 isolated rural high schools. Each school will be equipped with an Interactive class room and the links will be provided through the West Virginia State Intranet. Every school will have access to coursework from any of the college's four campuses. It is anticipated that the system will provide 700 student hours and 80 staff hours of professional development per week.



## **2003 Grant Awards:**

### **Clay County Board of Education**

Clay, WV

\$500,000

Area(s) Served: Clay County

Contact: Jerry Linkinogger (304) 587-4266; Fax: (304) 587-4181

Congressional District(s): 2nd

The Clay County Board of Education will utilize grant funds to network local schools in Clay County with distance learning. The Clay County school district is composed of 7 schools (five elementary, one middle, and one high school), 2,133 end user site students, 175 faculty, and 10,300 community residents who will comprise the end user sites. Distance learning labs will be installed allowing more advanced courses and new classes to be taught within the network. Specialized teachers from a number of school districts will participate in the project which will provide a maximum benefit to students along with substantially reduced costs to the district. Each school has a technological coordinator to oversee local issues, with all seven collectively working together to make the overall project operationally successful.

### **Nicholas County School District**

Summersville, WV

\$500,000

Area(s) Served: Towns of Summersville, and Richwood

Contact: Gus E. Penix (304) 872-3611; Fax: (304) 872-4626

Congressional District(s): 3rd

Nicholas County School District will utilize RUS grant funding for the installation of three distance learning classrooms and the purchase of two mobile videoconference labs for schools located in Richwood and Summersville, West Virginia. Primary goals of the project are improved course offerings, more efficient school operations and resource use, and community education. Two high schools, a vocational center, and two junior high schools serving 2,574 students in two communities with a population of 5,771 will have access to the network and equipment. Existing T-1 lines will be used for links between schools and for Internet access.



## **2002 Award:**

### **Glenville State College**

Glenville, West Virginia

\$210,890 Grant

Area(s) Served: Towns of Diana, Webster Springs, Cowen and Hacker Valley in Webster County; Town of Summerville in Nicholas County; Town of Montgomery in Fayette County; Town of Weston in Lewis County; and, Glenville in Gilmer County

Contact: Robert O. Hardman ((304) 462-7361:Fax: (304) 462-7839

Congressional District(s): Applicant: 2nd / Project: 1st, 2nd, 3rd

Glenville College will use RUS grant funds to address a number of critical educational and economic challenges faced by rural residents in five (5) counties. By developing REAL Net - Rural Education and Advanced Learning Network, a consortium of education providers which includes Glenville State College, the West Virginia Institute of Technology, and other schools will be linked to offer access to adult education, work force development, professional development and middle, secondary and higher education. College students will also use these facilities to obtain college degrees not currently available at the local college. The REAL Net project will provide for the implementation of distance learning centers at all project sites. Using state-of-the-art technology, this consortium for the first time in West Virginia history will be able to work collaboratively and efficiently to enhance the overall academic experience of the rural residents. The system will permit multiple users access to the system at the same making delivery of material much more cost effective. It will also permit the network at West Virginia University to communicate with the network at Glenville State College which will allow for the development of a ground breaking initiative to permit students to receive degrees from cooperating institutions. An estimated population of 107,939 residents could be served.

## **1999 Awards:**

### **Marshall University Research Corporation**

Huntington, West Virginia

\$307,830 Grant

Counties Served: Mingo, Lincoln, and Logan

Contact: Mr. Michael McCarthy, (304) 696-6372: Fax (304) 696-7272

The Marshall University School of Medicine is a state assisted VA affiliated community medical school. This project will use three existing end-users sites and one to be established to provide distance learning in the biomedical sciences to a diverse audience in Lincoln, Mingo and Logan County. The hub will be located in Robert M. Coon Medical Education Building with a secondary hub site at Robert C. Bryd center for Rural Health. An existing ATM network will be used for interconnection.



## **Montgomery General Hospital**

Montgomery, West Virginia

\$90,655 Grant

Counties Served: Fayette, Kanawha and Clay

Contact: Mr. Tom Petersen, (304) 442-5151; Fax (304) 442-7494

This project will connect Montgomery General Hospital to an existing telemedicine network called "TOUCH" (Targeted Online Users for Community Health) which connects rural health care facilities in West Virginia. The system will allow interactive consultations for radiology and other specialties. Residents will be able to get expert medical consultations in areas that have few or no specialists on staff. The TOUCH network also provides continuing medical education for health care professionals in rural areas. Telemedicine consultations will reduce the need for expensive and time-consuming travel for patients.

### **1998 Award:**

## **Charleston Area Medical Center, Inc.**

\$237,389 Grant

Location: Charleston, West Virginia

Area(s) served: Clay, McDowell, and Nicholas

Contact Jody Monk

Telephone Number: (304)-388-9981

Fax Number: (304) 388-9966

Congressional District: 2nd, 3rd.

Charleston Area Medical Center(CAMC), a not-for-profit corporation, proposes to use RUS funding to connect three rural at-risk communities into a telemedicine network in West Virginia, with a focus on improving the residents healthcare options and lifestyles by improving and advancing healthcare access to rural West Virginia residents. The three targeted counties have a total population of 68,950 residents who will benefit from the project. This project will address the problems of access to specialists, lack of transportation and inability to travel long distances for follow-up care.



## **1997 Awards:**

### **Pretera Center for Mental Health Services, Inc.**

Award: \$ 37,389 Grant / \$23,823 Loan

Total: \$61,212

Location: Huntington, West Virginia

Area(s) Served: Cabell, Lincoln, Mason, and Wayne; Urban Enterprise Community: Huntington, Cabell County, WV

Contact Person: Robert Hansen

Telephone Number: 304-525-7851

FAX Number: 304-525-1540

The Pretera Center for Mental Health Services (Pretera) is a community mental health center based in Huntington, WV, that serves four predominantly rural counties, in western West Virginia. The "Pretera Rural Telepsychiatry Project" will utilize ISDN and regular phone lines to link three rural and one urban mental health clinic with the central office in Huntington, and also link two rural medical clinics that have a large number of referrals to Pretera in a network that will provide real-time video conferencing and consultation between the rural sites and Pretera's professionals/specialists in the main office. The project is designed to increase the staff's ability to handle more patients in a more complete manner, reduce the staff's commuting time to outlying sites, and increase their ability to interact and consult with other staff members at the different sites. The following services are offered at the various sites: (1) day services for the mentally ill; (2) employment activities, (3) resident support programs and community-based residential sites, (4) in-home intervention, (5) a mobile crisis outreach team, (6) a driving under the influence program, (7) probation/parole services, (8) day treatment for substance-abusing adolescents, and (9) community prevention. During fiscal year 1997 approximately 13,500 patients were treated at the various sites.

### **Princeton Community Hospital Association, Inc.**

Award: \$145,946 Grant / \$154,054 Loan

Total: \$300,000

Location: Princeton, West Virginia

Area(s) Served: Counties of Monroe and Wyoming

Contact Person: Steve Curry

Telephone Number: 304-487-7735

FAX Number: 304-487-7730

The proposed system includes the placement of computerized radiology (CR) devices at three rural health clinics in southern West Virginia. These devices allow for remote x-ray facilities to acquire digital images of their patients that can be transmitted over phone lines to one central hospital, Princeton Community Hospital (PCH), located in Mercer County. The images will be interpreted by radiologists and results will be faxed back to remote rural health care locations so that the patient can be treated immediately. This



network will connect to an existing FUJI imaging network at PCH through a wide area network which is another project PCH is currently developing for use in Mercer County.. Family practice physicians in remote counties of southern West Virginia have to make decisions on how to treat a patient based on medical x-ray images when they do not have the level of expertise required. Official results may come to them days later after treatment has already begun. There is no income generated from providing this community service, so funding is not available.