

Virginia Acute Stroke Telehealth (VAST) network

Quarterly report to the Federal Communications Commission and the Universal Service Administrative Company

September, 2011 (14th Report)

1. Project Contact and Coordination Information

a. Identify the project leaders and respective business affiliations.

*Gerald J. Kane, Director, Grants and Contracts, Office of Sponsored Programs,
University of Virginia*

*Alternate: Eugene V. Sullivan, Program Manager, Office of Telemedicine, University
of Virginia*

**b. Provide a complete address for postal delivery and the telephone, fax and email
address for the responsible administrative official:**

*Office of Sponsored Programs, PO Box 400195, 1001 North Emmett Street,
Charlottesville, VA, 22094. 434.924.6142. 434.982.3096. gjk5y@virginia.edu*

**c. Identify the organization that is legally and financially responsible for the
conduct of activities supported by this award.**

Office of Sponsored Programs, the University of Virginia.

d. Explain how project is being coordinated throughout the state.

The University of Virginia is leading the effort along with the Virginia Department of Health (VDH), the Virginia Telehealth Network (VTN), a 501c3 and the Office of the Secretary of Technology Commonwealth of Virginia, and the Center for Innovative Technology (CIT). Working with the Virginia Stroke Systems of Care Task Force we have identified hospitals, community health centers, rehabilitation facilities, mental health facilities and core Stroke Centers for which expanded broadband connectivity will advance the mission of providing access to contemporary and timely stroke care regardless of location within the Commonwealth. During this reporting period we have been very active and have met the Federal Communications Commission's milestones to continue our active program through 30 June 2012. We posted our Form 465 in April along with the VAST RFP 00. During the 28 day bidding period two of the sites (the Community Service Board in Gloucester and Warsaw) did not receive any bids. We then reached out to local providers and received a contract for the Gloucester site. The Form 466A was received and posted on 28 June for the CSB in Gloucester. Our evaluation team reviewed the submissions and determined that it would be in the best interest of the University of Virginia and our partners to revise and issue a new RFP. In order to meet all the requirements of the University of Virginia and the Commonwealth of Virginia, we have engaged the Procurement and Supplier Diversity Services of the University of Virginia. The Procurement & Supplier Diversity Services Department supports the mission of the University of Virginia by purchasing quality goods and services at competitive prices, promoting supply chain diversification, exercising proper financial stewardship for payments, and providing responsive service to all University departments

2. Identify all Health care facilities included in the network:

a. Provide address (including county), zip code, Rural Urban Commuting Area (RUCA) code, six-digit census tract, and phone number for each health care facility participating in the network.

b. For each participating institution, indicate whether it is:

I. Public or non public

II. Not for profit or for profit

III. An eligible healthcare provider or ineligible healthcare provider with an explanation of why the healthcare facility is eligible under section 254 of the 1996 Act and the Commission's rules or a description of the type of ineligible health care provider entity.

University of Virginia Health System, 1215 Lee Street, Charlottesville, VA, 22908, Albemarle County, RUCA Primary 1, Secondary 1.0, census tract 000600, 434.924.5470

Public institution eligible under section 254 of the Act.

University of Virginia Health System UHW Davis Wing, 1300 Jefferson Park Ave, Charlottesville, VA, 22908, Albemarle County, RUCA Primary 1, Secondary 1.0, census tract 000600, 434.924.5470 Public institution eligible under section 254 of the Act.

University of Virginia, University Physicians at Orange, 661 University Lane, Orange, VA, 22960, Orange County, RUCA Primary 1, 7, Secondary 7.0 census tract 990200, 434.924.5470 Public institution, eligible under section 254 of the Act.

University of Virginia, Zion Crossroad, 75 Circle Point Dr, Zion Crossroad, VA, 22974, Louisa County, RUCA code 2, census tract 0201.00, 434.924.9009, Public institution eligible under section 254 of the Act.

University of Virginia, Augusta Health, 57 Beam Lane, Fishersville, VA, 22939, Augusta County, RUCA code 6, census tract 0706.00, 540.213.9550 Public institution eligible under section 254 of the Act.

University of Virginia, Culpeper Regional Hospital Multispecialty Clinic, 501 Sunset Lane, Culpeper, VA, 22701, Culpeper County, RUCA code 7.3, census tract 9905.00, 540.829.1919 Public institution eligible under section 254 of the Act.

University of Virginia, Crozet Family Medicine, 375 Four Leaf Lane, Crozet, VA, 22932, Albemarle County, RUCA code 2, census tract 0111.00, 434.243.0700 Public institution eligible under section 254 of the Act.

University of Virginia, Crossroads Family Practice, 4917 Plank Road, North Garden, VA 22959, Albemarle County, RUCA code 2, census tract 0112.00, 434.243.4660 Public institution eligible under section 254 of the Act.

University of Virginia, Stoney Creek Family Practice, 2781 Rockfish Valley Highway, Nellesford, VA, 22958, Nelson County, RUCA code 10.1, census tract 9502.00, 434.361.2555 Public institution eligible under section 254 of the Act.

University of Virginia, Lake Monticello Internal Medicine, 112 Crofton Pl, Palmyra, VA, 22963, Fluvanna County, RUCA code 2, census tract 0201.00, 434.589.9030 Public institution eligible under section 254 of the Act.

University of Virginia, Medical Associates, JABA, 674 Hillsdale Drive, Charlottesville, VA, 22901, Albemarle County, RUCA code 1, census tract 0106.00, 434.964.1333 Public institution eligible under section 254 of the Act.

University of Virginia, Forest Lakes Family Practice, 1800 Timberwood Boulevard, Charlottesville, VA, 22911, Albemarle County, RUCA code 1, census tract 0103.00, 434.975.7700 Public institution eligible under section 254 of the Act.

University of Virginia, Colonnades Clinic, 100 Colonnades Hill Drive, Charlottesville, VA, 22901, Albemarle County, RUCA code 1, census tract 0108.00, 434.924.1212 Public institution eligible under section 254 of the Act.

University of Virginia, Fauquier Hospital Clinic, 500 Hospital Drive, Warrenton, VA 20186, Fauquier County, RUCA code 2, census tract 9903.02, 434.924.5470 Not for profit rural hospital eligible under section 254 of the Act.

University of Virginia, Mary Washington Hospital, 1001 Sam Perry Boulevard, Fredericksburg, VA, 22401, Spotsylvania County, RUCA code 1, census tract 0002.00, 434.924.5470 Not for profit hospital.

University of Virginia, HOPE Administrative Building, 1106 East High Street, Charlottesville, VA, 22902, Albemarle County, RUCA code 1, census tract 302, 434.982.6900 Public institution eligible under section 254 of the Act.

University of Virginia HOPE Charlottesville, 590 Peter Jefferson Parkway, Charlottesville, VA 22911, Albemarle County, RUCA code 1, census tract 010500, 434.982.6900 Public institution eligible under section 254 of the Act.

University of Virginia, HOPE Farmville, 800 Oak Street, Farmville, VA, 23901, Prince Edward, RUCA code 7, census tract 990200, 434.315.2690 Public institution eligible under section 254 of the Act.

University of Virginia, HOPE Culpeper, 545 Sunset Lane, Culpeper, VA, 22701, Culpeper County, RUCA code 7.3, census tract 990500, 540.829.4352 Public institution eligible under section 254 of the Act.

University of Virginia HOPE Fishersville, 78 Medical Center Drive, Fishersville, VA, 22939, Augusta County, RUCA code 6, census tract 070600, 540.245.7150 4352 Public institution eligible under section 254 of the Act.

ESRHS, Atlantic Community Health Center, 8034 Lankford Highway, Oak Hall, VA 23416, Accomack County, RUCA code 9, census tract 9902.00, 757.414.0400 Rural health care provider.

ESRHS, Bayview Community Health Center, 22214 South Bayview Road, Cheriton, VA, 23316, Northampton County, RUCA code 10, census tract 9903.00 Rural health care provider

ESRHS Chincoteague Island Community Health Center, 4049 Main Street, Chincoteague Island, VA, 23336, Accomack County, RUCA code 7, census tract 9901.00, 757.414.0400 Rural health care provider

ESRHS Franktown Community Health Center, 9159 Franktown Road, Franktown, VA, 23354, Northampton County, RUCA code 10, census tract 9902.00, 757.414.0400 Rural health care provider

ESRHS Onley Community Health Center, 20280 Main Street, Onancock, VA, 23417, Accomack County, RUCA code 10, census tract 9906.00, 757.414.0400 Rural health care provider

ESRHS Dental Trailer Pungoteague Elementary School, 28480 Bobtown Road, Melfa, VA, 23410, Accomack County, RUCA code 10, census tract 9907.00, 757.414.0400 Rural health care provider

ESRHS Dental Trailer Metompink Elementary School, 24501 Parksley Road, Parksley, VA, 23421, Accomack County, RUCA code 10, census tract 9904.00, 757.414.0400 Rural health care provider

Culpeper Regional Hospital (CRH), 501 Sunset Lane, Culpeper, VA, 22701, Culpeper County, RUCA code 7.3, census tract 9905.00, 540.829.5746 Rural hospital

CRH Wellness Center, Physical Therapy and Outpatient Services, 1005 Golf Drive, Culpeper, VA, 22701, Culpeper County, RUCA code 8.3, census tract 9902.00, 540.829.5746 Rural health care provider

CRH Madison Physical Therapy and Rehabilitation, 1480 North Main Street Suite B, Madison, VA, 22727, Madison County, RUCA code 10.4, census tract 9902.00, 540.829.5746 Rural health care provider

CRH Culpeper Medical Associates, 14155 Lovers Lane, Culpeper, VA, 22701, Culpeper County, RUCA code 7.3, census tract 9905.00, 540.829.5746 Rural health care provide

CRH Culpeper Physician Health Organization, 219 East Davis Street, Culpeper, VA, 22701, Culpeper County, RUCA code 7.3, census tract 9904.00, 540.829.5746 Rural health care provider

Middle Peninsula Northern Neck (MPNN) Community Service Board, Gloucester Counseling Center, 9228 George Washington Memorial Highway, Gloucester, VA, 23061, Gloucester County, RUCA code 2, census tract 1002.00, 804.758.5314 Rural mental health care provider

MPNN Community Service Board, Warsaw Counseling Center, 414 Main Street, Warsaw, VA, 22572, Richmond County, RUCA code 10.6, census tract 9901.00, 804.758.5314 Rural mental health care provider

3. Network Narrative:

The Gloucester CSB will receive 10mb of Ethernet from Cox Communications. This will be secured with a firewall and encryption hardware and software. It will be used for live interactive patient encounters, transfer of medical information and clinician and patient education.

4. List of Connected Health Care Providers:

Middle Peninsula Northern Neck Community Service Board Gloucester Counseling Center

5. Identify the following non recurring and recurring costs, where applicable shown both as budgeted and actually incurred for the applicable quarter and funding year to date: *Monthly recurring costs for Gloucester have been received but not yet paid. University of Virginia is in the process of setting up the appropriate account.*

6. Describe how costs have been apportioned and the sources of the funds to them:

No costs have been apportioned during this reporting period. Our Letter of Agency addresses that each participant will send to UVA, on a timely basis their 15% cost share and an amount equal to 10% of their FCC Pilot support to cover administration and management at the University for the project.

7. Identify any technical or non technical requirements or procedures necessary for ineligible entities to connect to the participant's network:

Our Sustainability Plan identifies how all non eligible sites will pay their fair share both during the time of the project and in the out years.

8. Provide an update on the project management plan:

In August, 2010 the University of Virginia created a .6 FTE position to manage the FCC Pilot Program, the FCC regular Rural Health Care program and the Universities telemedicine agreements. We have engaged Broadaxe Partners and have included them in all our discussions with USAC in Washington, DC and kept them advised of meeting with our coach. Broadaxe Partners has a vast and very in depth understanding of the USAC and the Pilot Program. They have helped the Commonwealth of Virginia develop the state's Broadband map. With the issue of the VAST RFP 00 and the selection of the vendor(s) for a number of sites we will now start our internal process for collecting the funds from our partner sites (in accordance with our LOA's) and start our processing with USAC. We will soon be releasing a second RFP with additional eligible sites added.

9. Provide detail on whether network is or will become self sustaining:

Many of the partners that the VAST identified in the original proposal are already active Telemedicine or Telehealth sites. Some have been involved in the University of Virginia Telemedicine program for over 13 years. These sites have already demonstrated sustainability and we anticipate that they will continue to flourish even after the Pilot Program. A number of the identified sites participate in the USAC Rural Health Care program and we anticipate that they will revert back to this vehicle when the Pilot program ends. We await the outcome of the FCC's National Broadband Plan and any Notice of Proposed Rule Making (NPRM) that may affect Rural Health Care Universal Service support. During our process to obtain the required Letter of Agency from each health care entity we have stressed to them the need for community involvement with the goal of long term sustainability. We have written and have an approved Sustainability Plan.

10. Provide detail on how the supported network has advanced telemedicine benefits:

While we have not yet deployed the "supported network" the University of Virginia currently supports a Telemedicine network that covers many areas in the Commonwealth. Using the current network we have conducted over 25,000 patient encounters. Our Teleradiology effort has read over 40,000 images transmitted from remote sites. We have broadcast thousands of hours of health and clinical education programs, many of these were for Continuing Medical Education (CME) credits. One of the primary goals of the "supported network" is to expand this on going effort by incorporating a continuum of care for Stroke, along with other healthcare needs. This will involve live interactive patient encounters when the Stroke victim presents in the rural hospital emergency room. This interactive session will also include the care team in the ER and the patient's family members. There will be a rapid transfer of the CT radiology images to the Neurology Stroke Team at the University of Virginia. This can lead to timely intervention that may minimize the devastating effects of Stroke. The educational component will be used for all participants, EMT's, clinicians, Stroke victims and their care givers. This is an exciting program and we believe it will greatly affect the outcomes for Stroke victims in Virginia. The American Stroke Association

(ASA) and the Virginia Hospital and Healthcare Association (VHHA) have designated the University of Virginia Health System as a Level 1 Category Comprehensive Stroke Center. The continuum of care will follow through to a telerehab, telemental health and telehome health component.

11. Provide detail on how the supported network has complied with HHS health IT initiatives.

We plan to include HHS health IT initiatives in the “supported network”. Just as we do in our current operating network we meet all HIPAA requirements for patient confidentiality and security. All our transmissions are encrypted or transmitted over a secure network. The University of Virginia, Center for Telehealth and the Office of Telemedicine has received an award of \$1.0M from the health Resources Services Agency to become a Regional Telehealth Resource Center. Our geographical area includes Virginia, West Virginia, Kentucky, North Carolina, Maryland, Delaware and Washington, DC. We will share our expertise in all areas of Telehealth with those seeking to start new programs or fine tune existing efforts.

12. Explain how the selected participant coordinated in the use of their health care networks with the HHS and, in particular, with the Centers for Disease Control and Prevention:

The University of Virginia, Office of Telemedicine has worked closely with the CDC on numerous occasions. We have used our existing network to broadcast lectures from the CDC to rural hospitals and clinics in Virginia. This was used extensively for disseminating information on Anthrax. Immediately following Hurricane Katrina the University of Virginia activated Operation Cavalier Cares. Currently we are the hub for a 12 hospital network in central Virginia formed to coordinate and cooperate in the event of a manmade or natural disaster, or terrorist attack. This network has voice, video and data connections. We also work closely with our own University and Health System emergency response efforts during visits to Charlottesville by POTUS, VPOTUS, and other dignitaries.