



**APPENDIX A – SITE LIST**

Site ID #	Hospital/Facility	Street Address	Zip	Phone	RUCA Code
<b>Levels 1/2 - Primary Stroke Center (PSC) Hub Sites</b>					
76	University of Virginia Medical Center	1215 Lee Street	22906	434-924-0211	1
77	Virginia Commonwealth University Health System	401 North 12th Street	23298	804-828-7715	1
81	Winchester Medical Center	1840 Amherst Street	22604	540-536-8000	1
63	Sentara Norfolk General Hospital	600 Gresham Drive	23507	757-388-3000	1
65	Sentara Virginia Beach General Hospital	1060 First Colonial Road	23454	757-395-6000	1
<b>Level 3 - Standard of Care</b>					
2	Augusta Medical Center	78 Medical Center Drive	22939	540-332-4000	6
26	Danville Regional Medical Center	142 South Main Street	24541	434-799-2100	1
29	Halifax Regional Hospital	2204 Wilborn Avenue	24592	434-517-3100	7
40	Lynchburg General Hospital	1901 Tate Springs Road	24501	434-947-3000	1
11	Buchanan General Hospital (Centra Health)	Slate Creek Road - Route 83	24614	276-935-1199	10
15	Carilion New River Valley Medical Center	2900 Lamb Circle	24073	540-731-2000	2
17	Carilion Roanoke Memorial Hospital	1906 Belleview Avenue	24033	540-981-7000	1
37	Johnston Memorial Hospital	351 Court Street NE	24210	276-676-7000	4
47	Norton Community Hospital	100 Fifteenth Street NW	24273	276-679-9600	7
75	Twin County Regional Hospital	200 Hospital Drive	24333	276-236-8181	7
66	Shore Memorial Hospital	9507 Hospital Avenue	23413	757-414-6000	10
<b>Level 4 - Initial Entry Access (IEA)</b>					
71	Southside Community Hospital (Centra Health)	600 Oak Street	23901	434-392-8811	7
3	Bath County Community Hospital (Critical Access Hospital - CAH)	Route 220 North	24445	540-839-7059	10
73	Carilion Stonewall Jackson Hospital (Critical Access Hospital - CAH)	1 Health Circle	24450	540-458-3300	7
48	Page Memorial Hospital (Critical Access Hospital - CAH)	200 Memorial Drive	22835	540-743-4561	7
58	Rockingham Memorial Hospital	235 Cantrell Avenue	22801	540-433-4100	1
67	Shenandoah Memorial Hospital (Critical Access Hospital - CAH)	759 South Main Street	22664	540-459-4021	7
14	Carilion Giles Memorial Hospital (Critical Access Hospital - CAH)	1 Taylor Avenue	24134	540-921-6000	10
27	Dickenson County Medical Center (Critical Access Hospital - CAH)	312 Hospital Drive	24228	276-926-0300	10
51	Pulaski Community Hospital	2400 Lee Highway	24301	540-994-8100	7
18	Smyth County Community Hospital	565 Radio Hill Road	24354	276-782-1234	7
53	Rappahannock General Hospital	101 Harris Drive	22482	604-435-8000	10

Site ID #	Hospital/Facility	Street Address	Zip	Phone	RUCA Code
<b>Community Health Centers</b>					
101	Blue Ridge Medical Center	4038 Thomas Nelson Hwy	22922	434-263-4000	10
102	Halifax Family Health Center (Boydton Community Health)	2232 Wilborn Avenue	24592	434-572-4378	7
103	Johnson Health Center	320 Federal Street	24504	434-947-5967	t
104	Community Health Center of Danville (Piedmont Access to Health Services)	800 Memorial Drive, Suite D	24541	434-791-4122	1
105	Clinch River Health Services	Highway 65	24245	276-467-2201	2
106A	Saltville Medical Center (Southwest Virginia Community Health)	308 West Main Street	24370	276-496-4433	6
106B	Troutdale Medical Center (Southwest Virginia Community Health)	67 High Country Lane	24378	276-677-4187	10
106C	Twin City Medical Center (Southwest Virginia Community Health)	2195 Euclid Avenue	24201	276-669-5179	1
106D	Appalachia Family Health Center (Stone Mountain Health Services)	507 West Main Street	24216	276-565-2760	7
106E	Haysi Clinic (Stone Mountain Health Services)	102 Oquinn Drive	24256	276-865-5121	10
107A	Atlantic Community Health Center (Eastern Shore Rural Health)	8034 Lankford Hwy	23416	757-824-5676	9
107B	Bayview Community Health Center (Eastern Shore Rural Health)	22214 South Bayside Road	23316	757-331-1086	10
107C	Onley Community Health Center (Eastern Shore Rural Health)	20280 Market Street	23417	757-787-7374	10

**Virginia Acute Stroke Telehealth (VAST) Project - Use Case #1 EMS Site List**

Site ID #	Hospital/Facility	Street Address	Zip	Phone	RUCA Code
A	Clintwood Volunteer Rescue Squad	184 Volunteer Avenue	24228	276-926-1604	10
B	Galax-Grayson EMS	111 East Grayson Street	24333	276-236-3441	7
C	Halifax County Rescue	700 Hamilton Boulevard	24592	434-572-3960	7
D	Haysi Rescue Squad	214 Sandlick Road	24256	276-865-4610	10
E	Marion Life Saving Crew	230 South Park Street	24354	276-783-4526	7
F	Norton Rescue Squad	1710 West Main Avenue, SW	24273	276-679-0423	7
G	Saltville Rescue Squad	126 Battleground Avenue	24370	276-496-4531	to
H	Washington County Life Saving Crew	234 Park Street	24210	276-676-2401	4

# Virginia Acute Stroke Telehealth (VAST) Project with Use Case #1 Emergency Medical Services (EMS) Sites

06/03/07

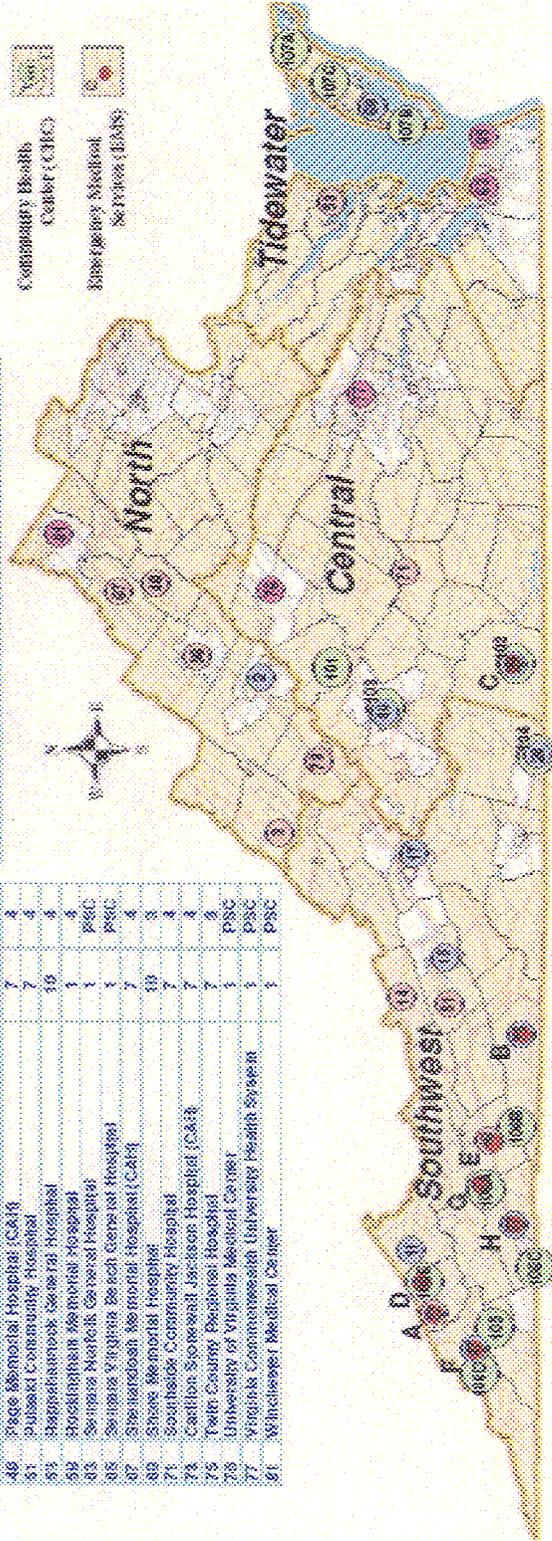
ID#	EMS	RUCA	Type
A	Cherished Volunteer Rescue Squad	10	EMS
B	Galba-Crawson EMS	7	EMS
C	Hullax County Rescue	7	EMS
D	Haral Rescue Squad	10	EMS

ID#	Hospital	RUCA	Level
1	Augsassa Medical Center	8	3
2	Bapt Community Hospital (CAH)	10	4
3	Buchanan General Hospital	10	3
4	Carlton Giles Memorial Hospital (CAH)	10	4
5	Carlton Key River Valley Medical Center	2	3
6	Carlton Thomas Memorial Hospital	1	3
7	Stirrh County Community Hospital	7	4
8	Danville Regional Medical Center	1	3
9	Crossen County Medical Center (CAH)	10	4
10	Hallfax Regional Hospital	7	3
11	Johnston Memorial Hospital	4	3
12	Leicester General Hospital	1	3
13	Roanoke Community Hospital	7	3
14	Page Memorial Hospital (CAH)	7	4
15	Subsidi Community Hospital	7	4
16	Waggoner General Hospital	10	4
17	Woodhull Memorial Hospital	1	4
18	Seneca Norfolk General Hospital	1	P&C
19	Seneca Virginia Beach General Hospital	1	P&C
20	Shenandoah Memorial Hospital (CAH)	7	4
21	Shore Memorial Hospital	10	3
22	Southside Community Hospital	7	4
23	Carlton Sweeney Jackson Hospital (CAH)	7	4
24	Twin County Regional Hospital	7	3
25	University of Virginia Medical Center	1	P&C
26	Virginia Commonwealth University Health System	1	P&C
27	Willdeyer Medical Center	1	P&C

ID#	EMS	RUCA	Type
E	Marion Lee Starling Crew	7	EMS
F	Northon Rescue Squad	7	EMS
G	Sahville Rescue Squad	16	EMS
H	Washington County Life Saving Crew	4	EMS

ID#	Community Health Center	RUCA	Type
101	Blue Ridge Medical Center	18	CHC
102	Hallfax Family Health Center	7	CHC
103	Johnson Health Center	1	CHC
104	Community Health Center of Danville	1	CHC
105	Clinch River Health Services (P&C)	2	CHC
106A	Sahville Medical Center	6	CHC
106B	Trautman Medical Center	19	CHC
106C	Twin City Medical Center	7	CHC
106D	Augusta Family Health Center	7	CHC
106E	Haral Clinic	16	CHC
107A	Atlantic Community Health Center	9	CHC
107B	Brayview Community Health Center	18	CHC
107C	Osley Community Health Center	18	CHC

- PUC Area
- Biggest Nonurban
- Primary Stroke Center (P&C)
- Level 3 - Hospital
- Level 4 - Hospital
- Community Health Center (CHC)
- Emergency Medical Services (EMS)



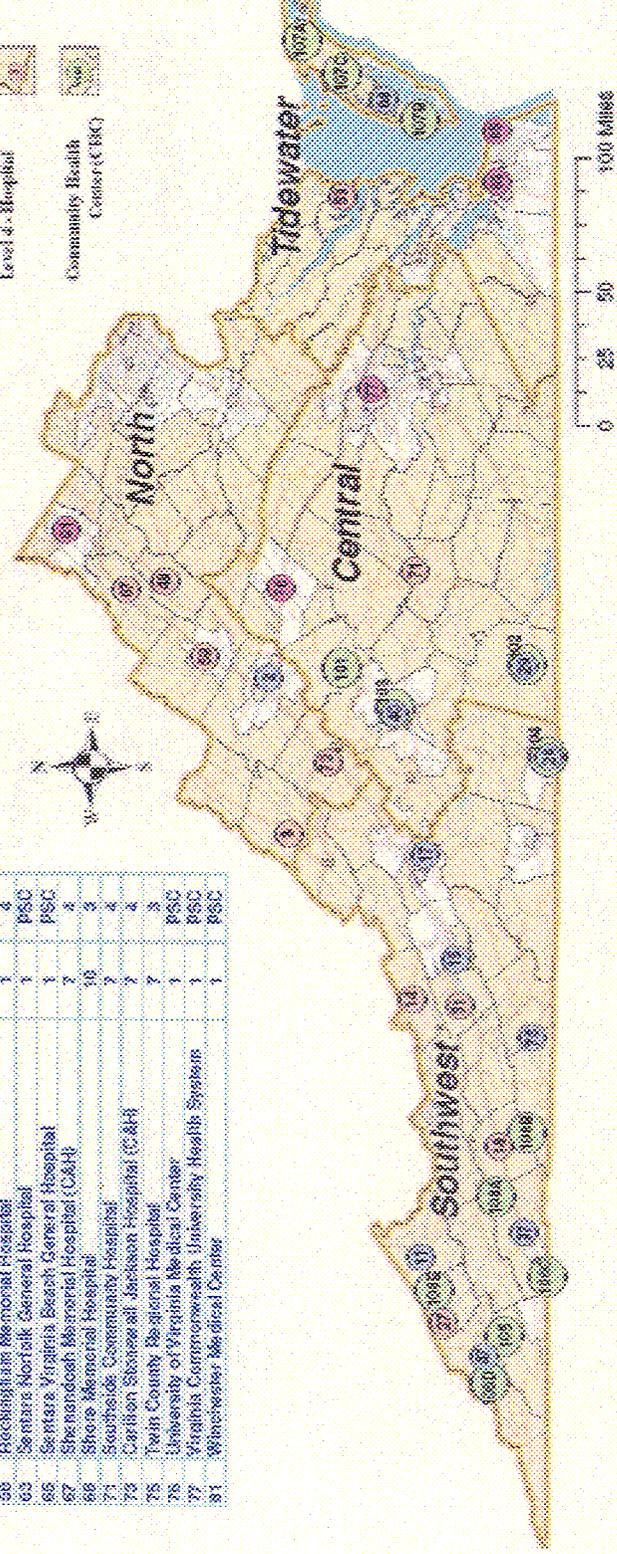
05/03/07

## Virginia Acute Stroke Telehealth (VAST) Project Sites

ID#	Hospital	RUCA	Level
3	Augueta Medical Center	6	4
8	Beth Community Hospital (CAH)	10	4
11	Buchanan General Hospital	10	3
14	Cardell Glen Memorial Hospital (CAH)	10	4
16	Carlisle New River Valley Medical Center	1	3
17	Carlisle Memorial Hospital	1	4
18	Carroll County Community Hospital	1	3
26	Danville Regional Medical Center	1	3
27	Dishmans County Medical Center (CAH)	10	4
29	Hallfax Regional Hospital	7	3
37	Johnston Memorial Hospital	4	3
40	Lynchburg General Hospital	1	3
47	Norfolk Community Hospital	7	3
48	Page Memorial Hospital (CAH)	7	4
51	Pulaski Community Hospital	7	4
53	Reppathannock General Hospital	10	4
58	Rockingham Memorial Hospital	1	4
63	Sentara Norfolk General Hospital	1	PSC
65	Sentara Virginia Beach General Hospital	1	PSC
67	Shenandoah Memorial Hospital (CAH)	3	4
68	Shore Memorial Hospital	10	3
71	Southside Community Hospital	7	4
73	Carlisle Stonehill Jackson Hospital (CAH)	7	4
75	Twin County Regional Hospital	7	3
78	University of Virginia Medical Center	1	PSC
77	Virginia Commonwealth University Health System	1	PSC
81	Winchester Medical Center	1	PSC

ID#	Community Health Center	RUCA	Type
101	Blue Ridge Medical Center	10	CHC
102	Hallifax Family Health Center	7	CHC
103	Johnston Health Center	1	CHC
104	Community Health Center of Danville	1	CHC
105	Clinch River Health Services	2	CHC
105A	Sahville Medical Center	5	CHC
105B	Trousdale Medical Center	10	CHC
105C	Twin City Medical Center	1	CHC
105D	Appalachia Family Health Center	7	CHC
105E	Harriet Clinic	10	CHC
107A	Atlantic Community Health Center	9	CHC
107B	Bayview Community Health Center	10	CHC
107C	Onley Community Health Center	10	CHC

 PEC Area  
 Bright Boundaries  
 Primary Stroke Center (PSC)  
 Level 3 - Hospital  
 Level 4 - Hospital  
 Community Health Center (CHC)



Appendix B. Qualifications of  
Key Personnel

NAME		POSITION TITLE	
Karen S. Rheuban		Professor	
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Ohio State University	MD	1974	Medicine
University of Virginia		1974-1977	Resident, Pediatrics
University of Virginia		1978-1980	Fellow, Ped Cardiology

- Develop and deploy a broadband telemedicine network for the clinical consultations and distance learning in medically underserved regions of Virginia.
4. "Southwest Virginia Alliance For Telemedicine". Karen S. Rheuban, PI. Sponsor: United States Department of Agriculture (USDA). Oct 31,2002 - September 20,2003  
Develop and deploy a broadband telemedicine network for the clinical consultations and distance learning in medically underserved regions of Virginia
  5. "Southwest Virginia Alliance for Telemedicine" Karen S. Rheuban, PI. Sponsor: HRSA: Office for the Advancement of Telehealth, October 1,2002- September 30,2005. 1 D1B TM 00046-01  
Develop and deploy a broadband telemedicine network for the clinical consultations and distance learning in medically underserved regions of Virginia.
  6. Virginia Department of Health, Karen S. Rheuban, Contract "Medicare Rural Flexibility Grant Program", Virginia Department of Health, 2003- 2007

**Relevant Publications:**

1. Sullivan E, Rheuban KS. UVA telemedicine program: improving access. *VAMed Qtrly*, 1996;123:179.
2. Rheuban, Karen S., Settimo, R, and Wispelwey, HIV/AIDS, Telehealth Technical Assistance Documents, U of Missouri Press, 2004
3. Rheuban, K, The University of Virginia Telemedicine Program: Serving Rural Virginians Regardless of Payer Status, Telehealth Practice Report; 2004 8(6):3.
4. Rheuban, K and Sullivan, E, Telemedicine, J. of Longterm Effects of Medical Implants, 2005 15:1, 49-55.
5. Innovative programs in Telemedicine, University of Virginia Health System, Office of Telemedicine, Telemedicine and E-Health; 2005 11:1 12-19.
6. In press: Rheuban, K, How can TM foster specific innovation in addressing specific health care challenges? Access, specialty shortages, changing patient care needs. ARHQ/CMS/Oregon Health Sciences University Consensus Conference, March 2005.
7. Congressional Testimony: Subcommittee on Health of the Energy and Commerce Committee, US House of Representatives, Sept, 2000.
8. Congressional Testimony: Committee on Agriculture, US House of Representatives, June 2003
9. Congressional Testimony: Subcommittee on Africa and Global Health, Committee on Foreign Affairs, May, 2006

## Curriculum Vitae

Eugene V. Sullivan

### Personal Information

Address: 1677 Octonia Road  
Stanardsville, VA 22973

Phone: (434) 924 5470 (O)  
(434) 985 8520 (H)

Internet: genes@virginia.edu

Born: December 18, 1945

Marital Status: Married

Military: Lieutenant Colonel, Retired, U.S. Army  
Viet Nam Service 1968-69

### Education

Date	School	Degree/Subject	Major
1981	United States Army Command and General Staff College Ft Leavenworth, KS	National military policy	
1976	University of Southern California, Los Angeles, CA	Systems Management	MS
1974	Defense Intelligence College, Washington, DC	Strategic Studies	
1967	Saint Peter's College, Jersey City, NJ	Business Management	BS

### Present Position

Director  
Office of Telemedicine  
University of Virginia  
Charlottesville, Virginia, 22908-0707

**Professional History**

University of Virginia Health System 1993 – Present  
Director. Office of Telemedicine

Logicon Eagle Technology 1991 - 1993  
Senior Systems Analyst responsible for Independent Verification and Validation of the All Source Analysis System.

Teledyne Brown Engineering 1989 - 1991  
Senior Systems Analyst responsible for engineering testing on the All Source Analysis System.

United States Army 1967 - 1989  
Retired Lieutenant Colonel

Battalion Commander, Special Forces Operational Detachment Delta 1986 - 1989

Staff Officer, United States Army Special Operations Command 1984 - 1986

Staff Officer, Headquarters, Department of the Army 1981 - 1984

Staff Aviation Officer, Headquarters United States Army Intelligence and Security Command 1978 - 1981

Command and staff positions in Germany, Korea, Viet Nam, and the United States 1967 - 1978

**Professional Certifications**

FAA certified commercial pilot, airplane multiengine, instrument and helicopter  
2162344

**Appointed Position**

Member, Federal Communications Commission,  
Telecommunications and HealthCare Advisory Committee, Washington, DC (6/96-present)

**Publications**

The University of Virginia Telemedicine Program: Serving Rural Virginians Regardless of Payer Status, 2004, Karen S. Rheuban, M.D., Eugene Sullivan, M.S., Telemedicine Practice Report, January/February 2004

International Real-Time Distance Science Education Between the United States And Southern Africa, 2002, Stephen A. Macko, Thomas A. Szuba, Robert J. Swap, Herman H. Shugart, Eugene Sullivan, Math and Science Education 2002

University of Virginia Telemedicine Program, Improving Access, 1996,  
E. Sullivan, K. Rheuban, MD, Virginia Medical Quarterly Summer 1996

The Development of the Central Virginia Telemedicine Network (CVTN): A  
Broadband Application, 1996, E. Sullivan, R. Settimo, A. Crosby

Case Study, University of Virginia Telemedicine Program. Fund for Rural  
Education and Development, 1995, S. Koch, R. Falato, E. Sullivan

Intelligence in Support of Counterinsurgency Operations. Defense Intelligence  
College, 1974, E. Sullivan

### **Presentations**

- 2006 Virginia Rural Health Association, "Status of the Virginia Telehealth Network and the FCC Pilot Program" Natural Bridge, VA (11/06)
- 2006 Capitol Hill Steering Committee on Telehealth and Healthcare Informatics, "Integrating Telehealth Technologies Into Emerging HIT Networks" Washington, DC (10/06)
- 2006 Health Technology Fair, "Telemedicine: Reaching out to the citizens of the Commonwealth" Germanna Community College, Culpeper, VA (10/06)
- 2006 Telehealth Leadership Conference, "Telecom Issues and Rural Health Care" Washington, DC (3/06)
- 2005 Connecting Rural Health Communities Through Information Technology, "Universal Service Fund Support to Rural Healthcare" Butte, MT (10/05)
- 2005 Medical Missionaries Conference, "Telemedicine Technologies to support Remote Medical Care" Manassas, VA (5/05)
- 2005 American Telemedicine Association annual conference, "Update on Universal Service Support for Rural Health Care" Denver, CO (4/05)
- 2004 United States Department of Commerce report, panel member, "Innovation, Demand, and Investment in Telehealth" Capitol Hill, Washington, DC (2/04)
- 2002 Virginia Tech, Center for Wireless Telecommunications, Wireless Opportunities Workshop - "UVA Telemedicine Network and Wireless" Blacksburg, VA (9/02)
- 2002 United States Department of Agriculture, Rural Utilities Service Annual Conference - "Telemedicine in Rural Virginia" Orlando, FL (7/02)
- 2001 Southwest Virginia Graduate Medical Education Consortium - "Access on Air, Telemedicine in Southwest Virginia" Breaks, VA (10/01)
- 2001 Department of Computer Science, University of Virginia - "Telemedicine, the Internet and E-commerce" Charlottesville, VA (4/01)
- 2001 Bon Secours Memorial School of Nursing - "Innovations in Health Care in the 21<sup>st</sup> Century", Richmond, VA (5/01)
- 2001 Bed and Breakfast Association of Virginia - "Telemedicine, Reaching Your

- Community”, Richmond, VA (1/01)
- 2000 Telecon 2000 Conference and Expo – “Establishing a Financially Viable Telemedicine Program”, Anaheim, CA (via videoconference) (12/00)
- Page Memorial Hospital Medical Staff – “Telemedicine at the University of Virginia”, Luray, VA (6/00)
- 2000 Department of Computer Science, University of Virginia – “Telemedicine, the Internet, and e-commerce”. Charlottesville, VA (4/00)
- 1999 Consortium of Health Science Librarians – “Telemedicine, the Internet, and the University of Virginia”, Hamisonburg, VA (3/99)
- 1998 Pediatric Grand Rounds, Virginia Baptist Hospital – “Telemedicine at the University of Virginia”, Lynchburg, VA (11/98)
- 1998 4<sup>th</sup> Annual Southwest Virginia Internet Conference – “Telemedicine to Southwest Virginia”, Abingdon, VA (8/98)
- 1997 Federal Communications Commission and Healthcare Open Systems and Trials Meeting - moderator “The Role of Government in Telehealth Standards”, Washington, DC (7/97)
- 1997 Supercomm’97, International Engineering Consortium - “ATM Applications, Advances in Telemedicine”, New Orleans, Louisiana (6/97)
- 1997 Telemedicine for European Healthcare - “Assessing the Progress of Telemedicine in the US and Identifying Elements Transferable to Europe”, London, UK (1/97)
- 1996 GTE Lecture Series, James Madison University- “Telemedicine, Communications and Their Role in Education”, Harrisonburg, Virginia (11/96)
- 1996 Global Telemedicine and Federal Technologies - “The Central Virginia Telemedicine Network” and “The Federal Communications Commission, The Telecommunications Act of 1996”, Williamsburg, Virginia (7/96)
- 1996 Telemedicine 2000: Conference and Exhibition - “The Central Virginia Telemedicine Network, A Broadband Application”, Chicago, Illinois (6/96)
- 1996 Life Sciences and Space Medicine Conference - “Telemedicine and Broadband Communications”, Houston, Texas (3/96)
- 1995 Virginia Rural Health Association - “Telemedicine 1995”, Roanoke, Virginia (10/95)
- 1995 Congressman Thomas J. Bliley, Jr., Chairman House Commerce Committee - “Telemedicine at the University of Virginia”, Washington, DC (7/95)
- 1995 Health Staff, Senator Jay Rockefeller - “Telemedicine at the University of Virginia”, Washington, DC (7/95)
- 1995 Joint Commission for Health Care - “Telemedicine: Implications for Health Care in Virginia”, Richmond, Virginia (4/95)

1995 OPASTCO Winter Convention - "Using Telecommunications to Improve Rural Health Care", San Marco, Florida (1/95)

1994 Virginia Telecommunications **Summit** - "The Telemedicine Project at the University of Virginia", Irvington, Virginia (10/94)

**Cynthia R. Barrigan, RN, MPH**

5237 Jule Star Drive  
Centreville, Virginia 20120-3010  
[cbarrigan@telehealthstrategies.com](mailto:cbarrigan@telehealthstrategies.com)

Cell: (703) 244-3460  
Email:

**PROGRAM MANAGER- PROFESSIONAL PROFILE**

***Innovative Leadership -  
Clinical & Research Expertise - Technology Development - Progressive Program  
Management***

Proven high-impact leader, pioneer, innovator and integrator in the health care field with 15+ years of diverse experience in the public and private health care sector. Results-oriented manager with proven successes in developing, managing, monitoring, and evaluating million dollar research and development projects for cost, schedule and performance. Strong track record of working in partnership with diverse organizations to develop requirements and solutions for addressing inequities in health services and gaps in medical resources.

**Summary of Relevant Qualifications:**

- Oversight and management of government research grants and cooperative agreements focused on health information systems and other remote emergency medical systems requirements.
- Systems Analyst with design, development, testing, implementation and mainstream integration of telehealth systems for the Department of Defense including business, policy and governance issues at all levels of the military health system.
- Entrepreneurial successes as founder and President of Telehealth Strategies, a remote health systems firm with commercial and government contracts aimed at developing remote and emergency medical systems on the ground, air and sea.
- Former US Army Nurse Corps Officer and Congressional staffer with management/policy expertise.
- Recent Masters in Public Health with an emphasis on international health and humanitarian systems.
- Seasoned Registered Nurse with front-line positions in a variety of clinical & research settings.
- Proven ability to build strategic alliances among diverse stakeholders working within and across complex organizations garnering financial support for programs to including Congressional appropriations.
- Excellent writing and presentation skills demonstrated in high-level executive and public settings.

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**PROFESSIONAL EXPERIENCE**

TeleHealth Strategies, LLC, Centreville, Virginia  
Present

2001-

***Founder & President***

TeleHealth Strategies (THS) facilitates the creation of remote health system capabilities for both the public and private sector with a special focus on the research and development of technology tools to enable distributed medical networks. THS partners with award-winning private sector and government organizations to seek funding for and execute special projects focused on innovating new healthcare technology applications and clinical business practices. THS provides subject matter expert consulting, research analysis, proposal/grant-writing and senior program management services for performance-based grants/contracts in the health systems domain. Services also include formulating the requisite business agreements, training plans and policy within and across diverse organizations to facilitate improvements in health service delivery. A new emerging focus area includes exploring opportunities for improving the management of disasters and complex humanitarian emergencies through better health information systems.

Select Sampling of Contracts & Services

- Virginia Department of Health, Richmond, VA. Office of Health Policy & Planning
  - Health systems analyst and planner for telehealth and rural health systems
  - Coordinating manager of the Virginia Telehealth Network
  
- MedAire Inc., Tempe, AZ: Global leader of in-flight & maritime medical preparedness & emergency response
  - Created and negotiated public-private partnerships focused on medical preparedness, surveillance and emergency response systems.
  - Designer, program manager and co-investigator for a 2004 \$1M Congressionally-appropriated research initiative (cooperative agreement) between MedAire and the US Air Force Surgeon General's Office.
  
- VISICU, Inc., Baltimore, MD: Developer of the Electronic Intensive Care Unit (e-ICU) model and remote telemedicine tools
  - Project management, implementation support, and end-user training for clinical personnel at Sentara Health System, Norfolk, Virginia (beta-test site) and New York-Presbyterian Hospital.
  - Government relations for Congressional appropriations.
  
- Medweb Inc. San Francisco, CA: Leader of tele-radiology platforms and distributed imaging capabilities
  - Project management for research and development project with US Army
  - Business and requirements analysis for expansion of platform to multi-specialty medical consultation for use in providing health services to deployed forces.

### ***Government Contracts***

- **US Army Research & Materiel Command (USA-MRMC), Fort Detrick, Maryland:**
  - Program management and Subject Matter Expert services to supporting the Army Medical Department's (AMEDD) telemedicine research strategies, plans and the portfolio of grants
  - Led the development of AMEDD telehealth requirements and the implementation of the Army's first formal teleconsultation service between Iraq and the AMEDD's medical centers worldwide
  - Planned, organized, garnered funding for and moderated the AMEDD's first Telehealth Summit
  - Actively involved with DoD telehealth issues at all levels to include Surgeons General (Army & Air Force)
  
- **Telemedicine & Advanced Technology Research Center, Fort Detrick, Maryland**
  - Manager for the Operational Telemedicine Portfolio- projects totaling over \$1M
  - Action officer for high-priority projects

Information Systems Support, Inc., Bethesda, Maryland  
2001

1999-

### ***Senior Program Manager & Telemedicine Clinical Director***

Senior staff providing program management and clinical oversight for a Congressionally-sponsored \$40 million Department of Defense, health care technology research & development program office located at Tripler Army Medical Center in Hawaii. This position actually held for 4 years-see prior work with SRA.

### ***Major Responsibilities***

- Member of the Board of Directors responsible for strategic and financial planning
- Development of research requirements, agenda/portfolio, performance metrics
- Oversight, monitoring and evaluation of telemedicine grants for cost, schedule and performance
- Product development, testing, user training and implementation of candidate prototype applications
- Benefits assessment for health information systems technologies and electronic medical records

### ***Selected Accomplishments***

- Created and facilitated military clinical working groups in the re-engineering of the medical referral and consultation process in the Pacific Rim. Invented a new "process" and new Web-based software "product" which won the *Government Computer News Innovation in Technology Award, 1999.*

*a*

- Chosen as the US Army liaison to the Alaska Federal Healthcare Partnership. Presented a “Plan of Approach for coordinating a joint federal telemedicine strategic plan for the State of Alaska.

**SRA International, Fairfax, Virginia  
1997-1999**

Senior Program Manager & Telemedicine Clinical Director (with duties described above)

**Concurrent Technologies Corporation (CTC), Arlington, Virginia  
1996-1997**

**Health Care Systems Analyst-Business Development**

Senior analyst and business development staff for a 501-3c non-profit systems integration company. Responsible for healthcare information technology market research and consulting services. Actively monitored the changes, needs and analyzed key trends occurring within the US health care delivery system and identified and tracked the development and utilization of emerging technologies for the management and delivery of a range of health care services. Provided consulting services to private sector healthcare clients in developing telemedicine strategic plans and applying for federal grants.

**United States House of Representatives, Washington, DC  
1995**

*Legislative Assistant, US Congressman Charles Wilson (Texas)*

Congressional staff responsible for analyzing and advising on US healthcare policy issues. Key areas of responsibility included, but not limited to Medicare, Medicaid, Veterans Healthcare, Rural Healthcare Issues and Women’s Health. Actively participated on the Congressional Rural Health Coalition addressing issues related to healthcare in underserved or remote areas. Monitored and reviewed telemedicine and telecommunications legislation and tracked industry activities and technology advancements related to the healthcare. Represented the Congressman’s positions to constituents, lobbyists, and other government officials.

**United States Army, Walter Reed Army Medical Center, Washington, DC  
1990-1995**

*Nurse Corp Officer: Rank: Captain (O-3)*

**Managing Director, Eisenhower Executive Nursing Suite (VIP Unit)**

Responsible for the planning, coordination and delivery of inpatient and outpatient health care services for senior General Officers, their spouses, members of Congress, Heads of State and designees of the Secretary of the Army to include global leaders. Supervised 20 staff members in delivery of health services.

## **Charge Nurse, General Surgical, Cardio-Thoracic, Medical & Pediatric Intensive Care Units**

### *Special Assignments:*

- Staff Officer, Emergency Medical Team, 85th General Field Hospital (Army field training)
- Officer in Charge, Walter Reed AMC, 1993 Presidential Inaugural
- Army Recruiting Spokesperson, Nurse Media Tour, 1992 (TV, radio & print campaign in Florida)

## **Shands Hospital, University of Florida Medical Center, Gainesville, Florida 1986-1990**

### **Clinical & Research Positions**

- Charge Nurse, Level II Trauma Center, Emergency Department, Shands Hospital, 1990
- Research Nurse Coordinator, Asthma Clinical Trials, Department of Pulmonary Medicine, 1989
- Research Nurse Coordinator, Congestive Heart Failure Clinical Trials, Department of Cardiology, 1987-1989

## **EDUCATION**

### **Civilian**

#### *Johns Hopkins University, Baltimore, Maryland*

Master of Public Health (MPH), International Health, Delta Omega Honor Society 2006

#### *University of Florida, Gainesville, Florida*

Bachelor of Science in Nursing 1986

### **Military**

US Army, Intensive Care Nursing Course, Walter Reed Army Medical Center, Washington, DC 1991

US Army Officer Basic Course, Fort Sam Houston, San Antonio, Texas 1990

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## **MILITARY AWARDS**

Meritorious Service Medal 1995

Army Commendation Medal 1993

**Army Achievement Medal** 1993.1994

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National Defense Ribbon	1991
<b>Army</b> Service Ribbon	1990

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**LICENSURE**

Florida State <b>Board of</b> Nursing, Registered Nurse #1747702	<b>1986</b>
Virginia State Board of Nursing, Registered Nurse # 0001146753	2006

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**PROFESSIONAL ASSOCIATIONS**

American Telemedicine Association	1996
American Public Health Association	2004
American Medical Informatics Association	2006

NAME Lyman, Jason		POSITION TITLE Assistant Professor	
eRA COMMONS USER NAME			
EDUCATION/TRAINING ( <i>Begin with baccalaureate or other initial professional</i> )			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
University of Vermont, Burlington, VT	B.A.	1988-1992	Mathematics
University of Vermont College of Medicine, Burlington, VT	M.D.	1993-1997	Medicine
University of California at San Francisco, San Francisco, CA		1997-1998	Internship, Pediatrics
Oregon Health & Science University, Portland, OR	M.S.	1998-2000	Medical Informatics

### **Positions and Employment**

2000-present Assistant Professor, Division of Clinical Informatics, Department of Health Evaluation Sciences, University of Virginia Health System, Charlottesville, VA

2002-present Medical Director, Clinical Data Repository, Department of Health Evaluation Sciences, University of Virginia Health System

### **Honors**

1990 Phi Beta Kappa

2000 Diana Forsythe Award, for paper published in JAMIA Supplement, AMIA Proceedings, 2000:27-31

### **Selected peer-reviewed publications**

1. Gorman, P., Ash, J., Lavelle M., **Lyman, J.**, Delcambre, L., & Maier, D. (2000). Bundles in the wild: Managing information to solve problems and maintain situation awareness. *Library Trends*, 49(2).
2. Ash J, Gorman P, Lavelle M, **Lyman J**, & Fournier L. (2001). Investigating physician order entry in the field: Lessons learned in a multi-center study. *MedInfo*, 10(Pt 2), 1107-11.
3. Ash, J. S., Gorman, P. N., Lavelle, M., **Lyman, J.**, Delcambre, L. M., Maier, D., Bowers, S., & Weaver M. (2001). Bundles: Meeting clinical information needs. *Bulletin of the Medical Library Association*, 89(3), 294-296.

4. **Lyman, J. A.**, Cohn, W., Knaus, W., & Einbinder, J. S. (2002). Introducing an academic data warehouse into the undergraduate medical curriculum. *Proceedings/AMIA ...Annual Symposium*, 474-478.
5. Ash, J. S., Gorman, P. N., Lavelle, M., Payne, T. H., Massaro, T. A., Frantz, G. L., & **Lyman, J. A.** (2003). A cross-site qualitative study of physician order entry. *Journal of the American Informatics Association*, 10(2), 188-200.
6. **Lyman, J. A.**, Pelletier, S., Scully, K., Boyd, J., Dalton, J., Tropello, S., & Egyhazy C. (2003). Applying the HL7 reference information model to a clinical data warehouse. *IEEE International Conference on Systems, Man and Cybernetics*, 2003.
7. Stukenborg, G. J., Wagner, D. P., Harrell, E. E., Oliver, M. N., Kilbridge, K., **Lyman, J.**, Einbinder, J., & Connors, A. F. (2004). Hospital discharge abstract data on comorbidity improved the prediction of death among patients hospitalized with aspiration pneumonia. *Journal of Clinical Epidemiology*, 57, 522-532.
8. Stukenborg, G. J., Wagner, D. P., Harrell, F. E., Oliver, M. N., Kilbridge, K. L., **Lyman, J. A.**, Einbinder, J., & Connors, A. F. Present-at-admission diagnoses improve mortality risk-adjustment and allow more accurate assessment of the relationship between volume of lung cancer operations and mortality risk. *Surgery*, pp. 508-509, vol. 138, 2005.
9. Hall, K.K and **Lyman, J. A.**, Updated Review of Blood Culture Contamination. *Clinical Microbiology Reviews*, pp. 788-802, vol. 19, no. 4, 2006.
10. Evans HL, Lefrak SN, **Lyman J**, Smith RL, Chong TW, McElearney ST, Schulman R, Hughes MG, Raymond DP, Pruett TL, Sawyer RG. Costs of Gram-Negative Resistance. *Crit Care Med.*, 2007. 35(1):89-95

## Research Support

### Ongoing Research Support

Consumer Health Education Institute (CHEDT) Garson(PI) 1/1/2005-6/30/07

Anthem Healthseekers, Inc.

The Consumer Health Education Institute (CHEDI) is an interdisciplinary research and development effort dedicated to improving the health of all individuals through the innovative use of information and education.

Role: Physician Informaticist on leadership team.

### Completed Research Support

R01 Ash (PT) 2000-2003

National Library of Medicine

Physician Order Entry: Field Study of Success Factors

The overall goals of this grant were to identify success factors for implementing computerized physician order entry systems in hospitals.

Role: Consultant

Virginia Tobacco Settlement Foundation, Fund For Excellence In Science And Technology (FEST) 2001-2003

**PUBLIIC- The Project to Understand Biologic Systems, Learn to Integrate, Interpret, and Communicate their Findings**  
 Role: Co-lead of Requirements Analysis and Architectural Design Team

Academic Administrative Units in Primary Care                      Schorling (PI)                      9/1/2005-8/31/2006  
 Department of Health and Human Services, Health Resources and Services Administration  
 SPARC is a Web-based tool to support housestaff training in practice-based learning and improvement by providing residents with population-based reports on their patient panel.  
 Role: Co-investigator, SPARC Project Director

**BIOGRAPHICAL SKETCH**

NAME Cohn, Wendy F.	POSITION TITLE Associate Professor
eRA COMMONS USER NAME	

EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Hobart-William Smith Colleges, Geneva, NY	B.A.	1987	Psychology/Special Education
University of Virginia, Charlottesville, VA	M.Ed.	1991	Educational Psychology
University of Virginia, Charlottesville, VA	Ph.D.	1994	Evaluation Research

**A. Positions and Emulovment**

- 1987-1988    Teacher, The Boston Higashi School, Lexington, Massachusetts
- 1988-1990    Wilderness Instructor, Hurricane Island Outward Bound School, Hurricane Island, Maine
- 1991-1994    Research Associate/Health Care Evaluator, Institute for Substance Abuse Studies and Department of Psychiatric Medicine, University of Virginia, Charlottesville, Virginia
- 1994-1996    Assistant Professor, Department of Psychiatric Medicine, University of Virginia, Charlottesville, Virginia
- 1996-2006    Assistant Professor, Department of Public Health Sciences, Division of Health Services Research and                      Outcomes Evaluation, University of Virginia, Charlottesville, Virginia
- 2006-present Associate Professor, Department of Public Health Sciences, Division of Clinical Informatics, University of Virginia, Charlottesville. Virginia

**B. Selected Peer-reviewed publications**

1. Brown, P., Kinzie, M., **Cohn, W.F.**, Lyman, J. (2006). Doctors' perceptions of information utility in neonatal intensive care. *Medical Education*, 40, 459-460.
2. Amos, K. S., Della Rocca, M. G., Karchmer, M. A., Culpepper, B., & **Cohn, W. F.** (2004). Genetics content in the graduate audiology curriculum: A survey of academic programs. *American Journal of Audiology*, 13,126-134.
3. **Cohn, W. F.**, Ropka, M. E., Jones, S. M., & Miesfeldt, S.(2003). Information needs about hereditary breast cancer among women with early-onset breast cancer. *Cancer Detection and Prevention*, 27(5), 345-52.
4. **Cohn, W. F.**, Einbinder, L., Attridge, E., & Lord, J. (2003). Evaluating a health information resource in a health system. *Proceedings AMIA Symposium*, 3, 818.
5. Miesfeldt, S., **Cohn, W. F.**, Jones, S.M., Weinstein, J. C., & Ropka, M. E. (2003). Breast cancer survivors' attitudes about communication of breast cancer risk to **their** children. *American Journal of Medical Genetics (Part C: Seminars Medical Genetics)*, 119C, 45-50.
6. Kinzie, M., **Cohn, W.**, Julian, M., & Knaus, W. (2002). A best practices model for web design: Health Heritage. *Journal of the American Medical Informatics Association*, 10, 25-40.
7. Lyman, J., **Cohn, W. F.**, Knaus, W., & Einbinder, J. (2002). Introducing an academic **data** warehouse into the undergraduate medical curriculum. *Proceedings American Medical Informatics Association Symposium*, 474-478.
8. Miesfeldt, S., **Cohn, W. F.**, Ropka, M., & Jones, S. M. (2002). Knowledge about breast cancer risk factors and hereditary breast cancer among early-onset breast cancer survivors. *Familial Cancer*, 1(3-4), 135-141.
9. Geer, K. P., Ropka, M. E., **Cohn, W. F.**, Jones, S. M., & Miesfeldt, S. (2001). Factors influencing patients' decisions to decline cancer genetics counseling services. *Journal of Genetic Counseling*, 10, 25-40.
10. Miesfeldt, S., Jones, S. M., & **Cohn, W. F.** (2000). Informed consent for BRCA1 and BRCA2 testing: What every clinician should know about the process and content. *Journal of the American Medical Women's Association*, 55, 275-279.
11. Miesfeldt, S., **Cohn, W. F.**, Hayden, K., Turner, B., Martin-Fries, T., Clark, S., Lippert, M., & Jones, S. (1999). Men's attitudes about testing for heritable prostate cancer predisposition. *Urology*, 55, 46-50.
12. Jones, S. M., **Cohn, W. F.**, Turner, B. L., & Miesfeldt, S. (1997). Physicians need more education about inherited cancer predisposition. *Academic Medicine*, 72(10), 832-833.
13. Lloyd-McGarvey, E., Canterbury, R. J., **Cohn, W. F.**, Clavet (1996). Adolescent Inhalant Abuse and School Problems. *The School Counselor*.

**C. Research Support****Ongoing Research Support**

Consumer Health Education Institute    Garson (Co-Director)  
Anthem (Health Seekers)

1/2005-6/2007

Role: Co-Director

Aim: To develop and evaluate a segmentation approach to deliver optimal health education to consumers.

**Completed Research Support**

National Human Genome Research Institute Amos (PI) 1/2004-6/2006

Sub Contract w/Gallaudet University

Evaluation of the education of audiologist about genetics

Role: Evaluator/Principal Investigator

Aim: To evaluate the educational program for audiologists in genetics.

Evaluation Contract Cohn (PI) 10/01/03-01/01/04

British Medical Journal

Evaluating a Clinical Reference Tool

Role: Evaluator/Principal Investigator

Aim: To evaluate the product by conducting a usability study for the BMJ product, Clinical Evidence Interactive.

Evaluation Contract Cohn (PI) 2/01/03-8/01/03

McGraw Hill Companies

Evaluation of a Hand Held and Wireless Point of Care Clinical Reference Tool

Role: Evaluator/ Principal Investigator

Aim: The aim of this project was to evaluate the product through conducting a pilot and usability study for the McGraw Hill Product.

Research Grant Knaus (PI) 12/01/98-11/30/01

Robert Wood Johnson Foundation

Development of a Web-Based Approach to the Collection and Interpretation of Family Health History

Role: Program Director

Aim: The aim of this project is to develop and evaluate the feasibility of a web-based family medical history information collection tool

Research Grant Miesfeldt (PI) 1/1/00-12/31/01

Arthur Vining Davis Foundation

Educating Physicians and Patients About the Benefits<sup>6</sup> of Genetic Testing for Cancer

The aim of this project is to develop a web-based educational program for patients and physicians.

Role: Evaluator.

Research Grant Miesfeldt (PI) 12/01/96-11/30/00

NIH/ELSI

Attitudes About Hereditary Breast Cancer

The aim of this project is to explore and understand the factors influencing patients' decisions to undergo breast cancer genetic **risk** evaluation.

Role: Evaluator.

**Research Grant**

**Keller (PI)**

09/01/97-08/31/00

**SAMHSA/Center for Substance Abuse Prevention**

**Evaluation of Contrasting Substance Abuse Plans**

**The aim of this project is to determine the nature and assess the effectiveness of workplace managed care programs having existing substance abuse prevention and early intervention.**

**Role: Evaluator.**