



Introduction to HITSAC

Marshall Ruffin, MD
HITSAC Chairman

Presentation to the
Information Technology Advisory Committee
February 27, 2015



HITSAC Legislative Background

- Created in 2009 as an advisory committee to the Information Technology Investment Board (ITIB), with statutory authority codified under § 2.2-2458.1, *Code of Virginia*
- Upon dissolution of ITIB in 2010, HITSAC was restructured to serve as an advisory body to ITAC with statutory authority pursuant to §2.2-2699.7, *Code of Virginia*



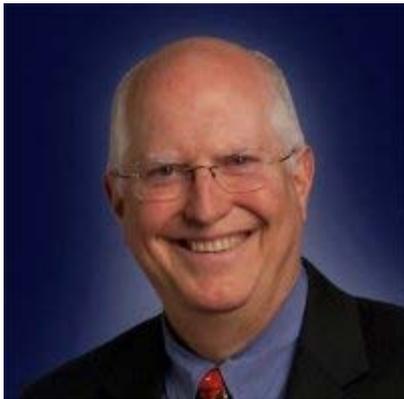
HITSAC Charter

- HITSAC is tasked with advising on nationally recognized technical and data standards for health information technology (IT) systems or software for state agencies, including
 - Vocabulary, messaging, data, data exchange and related standards
 - Data governance between health IT and the other domains of state government
 - Use of the statewide Health Information Exchange (HIE)
 - Data requirements and standards for patient health and public health research
 - Semantic interoperability and shared vocabulary
- HITSAC consists of five members, appointed by ITAC
- HITSAC's charter is located on VITA's website:

https://www.vita.virginia.gov/uploadedFiles/VITA_Main_Public/ITAC/HITSAC/HITSAC_Charter_Adopted.pdf



HITSAC Chairman – Dr. Marshall Ruffin



Dr. Marshall Ruffin,
HITSAC Chairman,
Executive Vice President
and Chief Technology
Officer, Inova Health
Systems
(July 2009-Present)

Dr. Ruffin is a physician specializing in general internal medicine and informatics. He leads Inova Technology Services, which include IT and communications, medical records, clinical engineering, informatics, analytics, telemedicine and the program management office of Inova. Dr. Ruffin obtained his BA from The University of Virginia and his MD from Harvard Medical School, as well as an MPH in epidemiology from the University of North Carolina and MBA from the Graduate School of Business, Stanford University.

Dr. Ruffin's serves the Commonwealth of Virginia as the chairman of the Health Information Technology Standards Advisory Committee (HITSAC), which advises the secretary of technology and secretary of health and human resources, and the vice-chairman of the state-wide ConnectVirginia health information exchange. Dr. Ruffin is a distinguished fellow in the American College of Physician Executives. Before joining Inova, Dr. Ruffin worked as chief technology officer for the University of Virginia Health System.



HITSAC Board Member – Mr. Rich Pollack



Mr. Rich Pollack,
MS, CHPHIMS, FHIMSS
Vice President and Chief
Information Officer,
Virginia Commonwealth
University Health System
**(February 2011-
Present)**

Rich Pollack is Vice President and Chief Information Officer for VCU Health System. There, his responsibilities include setting the vision for IT, supported by effective strategic and tactical plans that define the best practices in support of patient care and operational excellence. Rich has more than 30 years of health care management experience. Rich holds a master's degree in medical biology and is a member of several professional organizations.

At VCU Health Systems, his accomplishments include:

- * Ongoing successful installation of electronic medical records and computerized physician order entry
- * Selection and initiation of a new hospital billing system and enterprise resource planning system
- * Contributing to the development of a new all digital 15 story acute care tower utilizing layers of integrated technology, including wireless, VoIP phones, bedside device integration, mobile access to facilitate effective communication and high-quality care



HITSAC Board Member – Dr. Sallie S. Cook



Dr. Sallie S. Cook,
Chief Medical Officer,
Virginia Department of
Health Research and
Quality (DHRQ)
(May 2011-Present)

Sallie S. Cook, MD, serves as corporate medical officer and senior clinical advisor for quality improvement initiatives, review activities and other related VHQC functions, including the Virginia Health Information Technology (VHIT) Regional Extension Center. Dr. Cook joined the VHQC in 1990 after serving as a member of the medical staff and Medical Director of the Blood Bank at Virginia Commonwealth University Health System's Medical College of Virginia (MCV) Hospitals. A Phi Beta Kappa graduate from Westhampton College of the University of Richmond, Dr. Cook received a B.S. in Biology. She earned her M.D. from the Medical College of Virginia (MCV), where she also served a residency in anatomic and clinical pathology. She joined the faculty of the VCU/MCV Department of Clinical Pathology after completing a fellowship in immunohematology. She is board certified in anatomic and clinical pathology and the subspecialty of blood banking. Dr. Cook is an Associate Clinical Professor of Pathology in the VCU/MCV School of Medicine. Currently, she is also the chairman of the board of directors for Virginia Blood Services, central Virginia's regional blood center and serves as a board member for Centralized Credentials Verifications Services, a Virginia health care provider credentialing service. Dr. Cook has also recently been named to the Virginia Lawyers Media 2011 list of "Influential Women of Virginia."



HITSAC Board Member – Dr. James H. Harrison



Dr. James H. Harrison,
Associate Professor and
Director of Clinical
Informatics,
Departments of Public
Health Sciences and
Pathology, University of
Virginia
(May 2011-Present)

James H. Harrison, Jr., MD, PhD, is Associate Professor of Public Health Sciences and Pathology at the University of Virginia School of Medicine, Director of the Division of Biomedical Informatics at UVA, and Director of Cancer Informatics in the UVA Cancer Center. He is also a board-certified pathologist and an Associate Director of Clinical Chemistry in the Department of Pathology. Dr. Harrison teaches graduate courses in medical informatics and computer programming, and co-directs the collaborative PhD training program in systems engineering and medical informatics at UVA in partnership with the Department of Systems and Information Engineering in the School of Engineering and Applied Science.

Dr. Harrison is an active member of the HL7 and IHE medical data standards organizations, chairs the IT Standards and External Affairs Workgroup of the College of American Pathologists, was a funded participant in the Cancer Biomedical Informatics Grid for 5 years, and has received research funding for development of intelligent user interfaces for the electronic medical record. He has served on NIH review panels related to medical informatics and his research interests include data repositories, data mining, temporal abstraction for pattern detection in clinical data, and intelligent data display.



HITSAC Board Member – Mr. John Quinn



Mr. John Quinn,
Chief Technology Officer
Health Level 7
(August 2009-Present)

John Quinn is HL7's Chief Technology Officer and a Senior Executive and thought leader at Accenture. He serves as CTO to their Health and Life Sciences Consulting Practice. John has participated in HL7 (an ANSI accredited standards development organization) since its inception 22 years ago, has participated on its board of directors for the first 19 years that HL7 has had a board and has served as the chair of its Technical (i.e. standards writing) Committee from 1990 to 2007.

John has over 33 years experience in the Healthcare Industry and 37 years experience in the computer industry. He has a strong background in the areas of healthcare information systems planning, healthcare data integration messaging and data standards, computer networks, computer architecture, operating systems and communications software. He also acts as a subject matter expert and technical quality assurance reviewer for provider and payer client engagements involving the analysis, specification, selection and implementation of systems that support administrative, billing and clinical information systems.



HITSAC Timeline of Contributions

2009
*HITSAC
formed*

2011
*MITA
"Government
Gateway"
envisioned*

2013
*Enterprise
Information
Architecture
(EIA) Strategy
adopted*

**2009 -
2013**
*127 Data
Standards
adopted*

2012
*Standardization
Plan for all
citizen-centric
data endorsed*

2014
*Genomics
Working
and
Data
Stewards
Groups
formed*



HITSAC Annual Report

- HITSAC published first annual report (retrospective) in 2013:
http://www.vita.virginia.gov/uploadedFiles/VITA_Main_Public/ITAC/HITSAC/HITSAC_Annual_Report_2013.pdf
- A draft version of the HITSAC 2014 Annual Report will be circulated in the coming weeks and will be approved by HITSAC at the April 16th meeting
- HITSAC's contributions include significant recommendations in the following areas:
 - Health IT interoperability
 - Health information exchanges (HIEs)
 - Enterprise architecture and governance



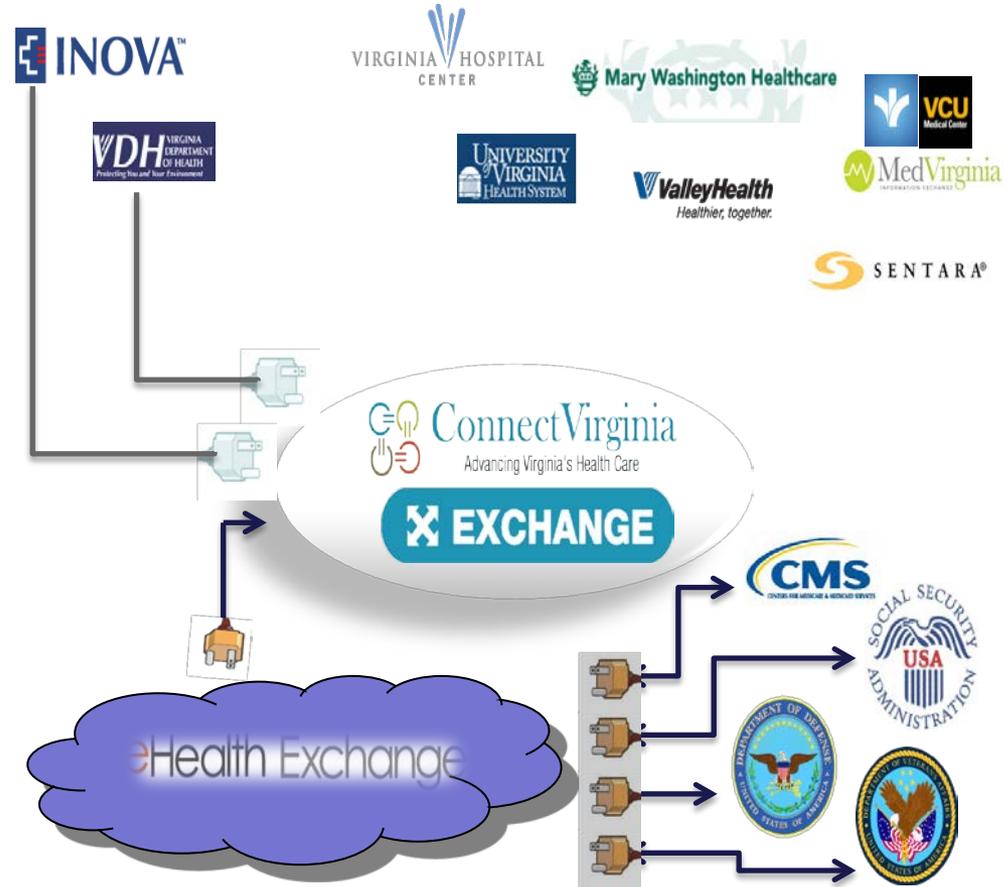
Accomplishments - Interoperability

- Adopted 127 national/international standards, including:
 - HL7 for clinical documents
 - SNOMED for vocabulary
 - LOINC for lab reporting
- Supported Virginia's Health IT/Medicaid IT Architecture (HIT/MITA) Program by advising on standards for Enterprise Data Management (EDM) service and Commonwealth Authentication Service (CAS)
- Established the Genomics Working Group to investigate requirements for health information technology (IT) standards to support personalized medicine, clinical genomics, genetic research and related bioinformatics



Accomplishments – Health Information Exchange

- Shaped Virginia's HIE by researching neighboring states (NC, MD, WV)
- Advised Virginia's HIE on enterprise architecture, onboarding certification, and trust frameworks
- Supported onboarding of the first "node" onto the statewide HIE





Accomplishments - Architecture/Governance

- Advised on Virginia HIE's interoperability with "Government Gateway" MITA shared services portfolio
- Advised on the Commonwealth's Data Standardization Plan and Enterprise Information Architecture (EIA) Strategy
- Endorsed the creation of the Commonwealth Data Stewards Group, responsible for enterprise data governance
- Endorsed strategy for integrating data governance into IT investment management (standards compliance monitoring as part of project oversight)



2015 Looking Forward

- Standards for exchange of personalized and precision medicine
 - Foster Biotech growth in Virginia
 - Optional genome data collection to support cancer registry and pharmacogenomics
- Standards to promote patient electronic access to medical records
 - Federated Provider Directory
 - FHIR Open API Standards to enable patients/providers to share data with designated, trusted apps
- Expansion of “Government Gateway” architecture to agencies outside of eHHR
- Support for State Innovation Model (SIM) planning grant
 - Standards for quality measures, payment reform, and HIT



2015 Meeting Schedule

- April 16, 2015
- June 18, 2015
- August 20, 2015
- October 15, 2015
- December 17, 2015

All meetings will be held from 10:30 am until 3:30 pm at the Commonwealth Enterprise Solutions Center (CESC), 11751 Meadowville Lane, Chester VA 23836



Questions?

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