



A Path to Improved Care: Communities CONNECTing to the NHIN

Speaking Engagements at HIMSS 2010

Conference Keynote

➤ **Becoming a Meaningful User of Health IT: Moving toward a New Level of Professionalism in Healthcare**

Wednesday, March 3, 8:30 - 9:30 am

Dr. David Blumenthal, National Coordinator for Health Information Technology

Dr. David Blumenthal was appointed National Coordinator for Health Information Technology in April 2009. As a practicing primary care physician and leading national health care policy expert, Dr. Blumenthal will share his thoughts about ONC's strategic efforts to advance rapid adoption and meaningful use of health IT.

ONC Town Hall

➤ **Implementing HITECH – Next Steps to Adoption and Meaningful Use of Health IT**

Tuesday, March 2, 2:15 – 3:15 pm

- *Farzad Mostashari, Senior Advisor to the National Coordinator, Office of the National Coordinator for Health IT*
- *Kelly Cronin, Director, Office of State and Community Programs, Office of the National Coordinator for Health IT*
- *Mat Kendall, Acting Director, Office of Provider Adoption Support, Office of the National Coordinator for Health IT*
- *Chuck Friedman, Chief Scientist, Office of the National Coordinator for Health IT*

Join the leadership team from ONC in an interactive session to learn more about the programs and efforts now underway and those to come to advance the national health IT agenda. Senior ONC staff will engage the audience in an open dialog and solicit input regarding critical next steps in our efforts to bring health information technology to the forefront of medicine.

Education Sessions

➤ **The Costs and Benefits of Health IT**

Monday, March 1, 9:45 -10:45 am

Melinda Buntin, Acting Director, Office of Economic Analysis and Modeling, Office of the National Coordinator for Health IT

This session will bring together a panel of health care providers and researchers to share their perspectives on the benefits of health IT, the costs of and barriers to implementation and system improvements, and how to build compelling business cases for adoption. The panel will be chaired by ONC's economist, Melinda Buntin, who will present an overview of what is known to date. She will then invite her panel to add their perspectives and/or present emerging work. Audience input will be solicited.



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👉 Federal Health CIO Panel – Transitioning to a Citizen-Centric, Information-Driven Enterprise

Monday March 1, 12:15 - 2:00 pm

- *Roger W. Baker, Assistant Secretary for Information and Technology, Department of Veterans Affairs*
- *Charles M. Campbell, Military Health System Chief Information Officer, Department of Defense*
- *RADM Theresa Ann Cullen, MD, PHS, Chief Information Officer (CIO) and Director of the Office of Information Technology, Indian Health Service (IHS)*
- *Henry Chao, Chief Technology Officer, Centers for Medicare & Medicaid Services Office of Information Services, Department of Health and Human Services*
- *Jim Borland, Special Advisor for Health IT, Office of the Commissioner, Social Security Administration*
- *Walter Harris, Chief Management Officer, Coordinating Center for Health Information and Service (CCHIS), Centers for Disease Control & Prevention*
- *Vish Sankaran, Director, Federal Health Architecture, Office of the National Coordinator for Health IT*

This panel of federal agency CIOs and health IT leaders will discuss new advances in health information exchange, the link between health and human services, and health IT innovation in the federal sector. Panelists will discuss how they are working together to drive new advancements in health information exchange and aligning their efforts with the Nationwide Health Information Network. They will highlight their health information exchange initiatives and goals, including supporting the health needs of active duty service personnel, veterans, Native Americans, the underserved and applicants for government disability benefits. They will also discuss efforts underway to coordinate care among multiple programs and IT systems at the local, state and federal levels.

👉 Health IT Regulatory Review: Updates and Next Steps

Tuesday, March 2, 9:45-10:45 am

Jodi Daniel, Director, Office of Policy and Planning, Office of the National Coordinator for Health IT

The Department of Health and Human Services has taken important regulatory actions to: propose a definition for the first stage of meaningful use; to adopt standards and certification criteria; and to propose health IT certification program policies. Staff from the Office of the National Coordinator for Health IT (and other HHS agencies) will provide an overview of current HITECH regulations and next steps.

👉 Nationwide Health Information Network - 2010

Wednesday, March 3, 1:00 – 2:00 pm

Douglas Fridsma, MD, Acting Director, Office of Standards and Interoperability, Office of the National Coordinator for Health IT

Join the ONC staff to learn about the future plans of the Nationwide Health Information Network as it evolves to support the exchange and meaningful use of health information to improve the quality and efficiency of patient care. NHIN – 2010 will offer insight into the common standards, services and trust fabric envisioned for the NHIN to serve different information exchange uses and users over time.

Interoperability Showcase Theater

👉 NHIN 101: An Introduction to the Nationwide Health Information Network and the CONNECT Solution

Tuesday March 2, 4:15 - 4:40 pm

- *Mariann Yeager, NHIN Policy and Governance Lead (Contractor), Office of the National Coordinator for Health IT*
- *David Riley, CONNECT Lead (Contractor), Federal Health Architecture, Office of the National Coordinator for Health IT*

The NHIN is already enabling secure, electronic health information exchange throughout the country. This session outlines what the NHIN is today, how it's evolving, the value for various health stakeholders, requirements for participation, and the steps for using the NHIN. It will also discuss the CONNECT solution and detail the ways the CONNECT Open Source Community is promoting widespread use of the NHIN.

NHIN/CONNECT Education Session Schedule

LOCATION: Interoperability Showcase, Hall C, Booth #233



Monday, March 1

12:30-12:50 pm	Exchange of Medical Records During Disasters
1:00-1:20 pm	NHIN and CONNECT at a Glance
1:30-1:50 pm	NCI Enterprise Services to Support Research and Care
2:00-2:20 pm	CONNECT Architecture (Versions 2.3 and 2.4)
2:30-2:50 pm	Open-Source Population Health Reporting Tool
3:00-3:20 pm	Coordinating Care Across California
3:30-3:50 pm	Public Health: Case Reporting, Biosurveillance and Immunization Tracking
4:00-4:20 pm	The CONNECT Open Source Community's Role in Promoting Nationwide HIE
4:30-4:50 pm	Transforming Worker Experience through Access and Interoperability: New York City
5:00-5:30 pm	Innovative Opportunities for Patient Safety Using Electronic Health Record Data: Perspectives from the FDA

Tuesday, March 2

10:00-10:50 am	Communities Working Together to Improve Quality, Safety and Efficiency Using the NHIN
11:00-11:20 am	Patient-Authorized Release of Information to a Trusted Entity
11:30-11:50 am	Nationwide Health Information Network Update
12:00-12:20 pm	Empowering Consumers in Their Care
12:30-12:50 pm	Bi-Directional Communication: Enhancing Situational Awareness in Public Health and Clinical Practice
2:30-2:50 pm	Linking Health and Human Services
3:00-3:20 pm	Wounded Warrior Continuity of Care in a Production Environment
3:30-3:50 pm	CONNECT 3.0 and Beyond
4:00-4:20 pm	Steps for Getting Started with the NHIN
4:30-4:50 pm	CMS' C-HIEP Proof of Concept, CMS Implementation of NHIN CONNECT
5:00-5:30 pm	The CONNECT Open Source Community's Role in Promoting Nationwide HIE

Wednesday, March 3

10:00-10:20 am	Strategy for Applying Reusable Technology (START)
10:30-10:50 am	Supporting State HIE Needs through MITA and CONNECT
11:00-11:20 am	Linking Health and Human Services
11:30 am-12:20 pm	NHIN Best Business Practices Round Table
12:30-12:50 pm	NHIN and CONNECT at a Glance
2:30-2:50 pm	Ensuring Conformance and Interoperability: NHIN Testing
3:00-3:20 pm	E-Care
3:30-3:50 pm	NHIN Specifications
4:00-4:20 pm	Steps for Getting Started with the NHIN
4:30-4:50 pm	CONNECT 3.0 and Beyond
5:00-5:30 pm	Security and Privacy for the NHIN and CONNECT

Each session is described in further detail on the following pages.



Monday, March 1

📌 Exchange of Medical Records During Disasters

12:30-12:50 pm

CAPT Allen Dobbs, MD, United States Public Health Service

During this session, participants will learn how the federal government uses CONNECT to provide health providers better patient information in disaster environments. Attendees will hear how Emergency Support Function 8 (ESF8) activates the National Disaster Medical System (NDMS) and how disaster medical personnel are equipped to better support care in challenging environments.

📌 NHIN and CONNECT at a Glance

1:00-1:20 pm

- *Mariann Yeager, NHIN Policy and Governance Lead (Contractor), Office of the National Coordinator for Health IT*
- *David Riley, CONNECT Lead (Contractor), Federal Health Architecture, Office of the National Coordinator for Health IT*

The NHIN is enabling secure, electronic health information exchange throughout the country. This session outlines what the NHIN is today, how it's evolving, the value for various health stakeholders, requirements for participation, and the steps for using the NHIN. It will also discuss the CONNECT solution and detail the ways the CONNECT Open Source Community is promoting widespread use of the NHIN.

📌 NCI Enterprise Services to Support Research and Care

1:30-1:50 pm

Ken Buetow, Director of the Center for Biomedical Informatics and Information Technology, National Cancer Institute

During this session, attendees will learn about services being developed by the NCI that are usable within both the care and research environments. Existing services (such as Person, Organization, Protocol Abstraction, Correlation and Outcomes) and the NCI's service roadmap will be described, and information will be provided on how the NCI's Enterprise Conformance and Compliance Framework (ECCF) facilitates accessing these services within a SOA framework such as NHIN, as well as through lightweight interfaces such as REST.

📌 CONNECT Architecture (Versions 2.3 and 2.4)

2:00-2:20 pm

Greg Fairnak, CONNECT Chief Architect (Contractor), Federal Health Architecture, Office of the National Coordinator for Health IT

In this session, attendees will learn about the product updates included in CONNECT v.2.3 as well as the changes expected in CONNECT v.2.4. The presentation will introduce the Cross Community Patient Discovery (XCPD) process and discuss the External Data Representation (XDR) dataflow as a standard for pushing documents to the gateway.

📌 Open-Source Population Health Reporting Tool

2:30-2:50 pm

- *Rob McCready, popHealth Lead Software Engineer (Contractor)*
- *Lisa Tutterow, popHealth Principal (Contractor), Federal Health Architecture, Office of the National Coordinator for Health IT*

During this session, participants will learn about popHealth, an open-source population health reporting prototype designed to help providers evaluate quality measures. Attendees will see how popHealth can be used by providers to view information on their patient population and how summary quality information may be transmitted through the CONNECT solution to federal agencies.

📌 Coordinating Care Across California

3:00-3:20 pm

- *Kim Horowitz, MD, Chief Medical Information Officer, Believe Health, LLC*
- *Emilie Kralicek, Project Manager, Long Beach Network for Health*
- *Bill Beighe, Chief Information Officer, Physicians Medical Group of Santa Cruz*

Care coordination represents one of the most promising ways to increase patient safety, improve outcomes and avoid unnecessary procedures. This education session discusses how an emergency department physician can evaluate information from different care episodes in far-flung communities across California while addressing an emergent health situation. HIE enables choice of the proper treatment, avoiding a dangerous invasive test, because a more complete knowledge of the patient was available.

👉 Public Health: Case Reporting, Biosurveillance and Immunization Tracking

3:30-3:50 pm

Bryant T. Karras, MD, Public Health Informatics Officer, Senior Epidemiologist, State of Washington, Department of Health

Health information exchange (HIE) organizations offer a valuable opportunity for standards-based transfer of health data between providers and public health. In this presentation, the presenter will discuss the use of HITSP standards and IHE profiles to support public health functions such as biosurveillance, case reporting and immunization tracking. He will cover current practices and provide a description of the demonstration taking place in the model HIE represented at the HIMSS Interoperability Showcase.

👉 The CONNECT Open Source Community's Role in Promoting Nationwide HIE

4:00-4:20 pm

Brian Behlendorf, CONNECT Collaboration Advisor (Contractor), Federal Health Architecture, Office of the National Coordinator for Health IT

This session will highlight the value of collaboration through the CONNECT Community for promoting health information exchange throughout the country. This session will discuss Community participation from the federal government, states, the vendor community and the private sector, and it will provide insight into the reasons for participation and the value the project is having within diverse domains.

👉 Transforming Worker Experience through Access and Interoperability

4:30-4:50 pm

- *Rahul Puri, Chief Software Architect, New York City Health and Human Services*
- *Joseph Fleischman, Project Manager, New York City Health and Human Services*

This session will highlight Worker Connect, a Web-based system developed by New York's HHS-Connect that is used by 11 agencies across 6000 users so that caseworkers are able to share client information without compromising confidentiality. Attendees will hear about how New York has successfully combined clients' personal and case information into a virtual integrated case file which can be viewed by case workers in a secure way to provide the appropriate services to clients.

👉 Innovative Opportunities for Patient Safety Using Electronic Health Record Data: Perspectives from the FDA

5:00-5:30 pm

Mitra Rocca, Associate Director in Medical Informatics, Food and Drug Administration

This educational session will provide the FDA's perspective on improving spontaneous adverse event reporting for medical products, including ongoing initiatives and challenges.

Tuesday, March 2

👉 Communities Working Together to Improve Quality, Safety and Efficiency Using the NHIN

10-10:50 am

- *Rodney Cain, Chief Information Officer, HealthBridge*
- *Joyce Beck, Chief Executive Officer, Thayer County Health Services*
- *Will Ross, Chief Operating Officer, Redwood MedNet*

HealthBridge, a large urban HIE in Cincinnati, Thayer County Health Services, a community HIE in southeast Nebraska, and Redwood MedNet, a rural HIE in California, will discuss how the CONNECT toolkit is a technology breakthrough that enables simple interoperability for health data. These HIEs will discuss how standard message formats and open source software tools can be combined to enable the use of health data. By exchanging electronic medication and diagnostic health data, these three HIEs help improve the quality, safety and efficiency of patient care in their communities.

👉 Patient-Authorized Release of Information to a Trusted Entity

11-11:20 am

- *Martin Prael, Lead Technical Architect for Health IT Initiatives, Social Security Administration*
- *Michael Matthews, Chief Executive Officer, MedVirginia*

The Social Security Administration will speak about how it is working to dramatically reduce claims processing by removing weeks and months of time spent waiting for medical information. The same attributes of the NHIN that make this possible will enable consumers to control the transmission of their medical information to a variety of recipients for reasons broader than treatment.



👉 Nationwide Health Information Network Update

11:30-11:50 am

Mariann Yeager, NHIN Policy and Governance Lead (Contractor), Office of the National Coordinator for Health IT

Learn about the future plans of the NHIN as it evolves to support the exchange of health information to improve the quality and efficiency of patient care. This session will offer insight into the common standards, services and trust fabric envisioned for the NHIN to serve different information exchange uses and users over time.

👉 Empowering Consumers in Their Care

12-12:20 pm

- *Ray Shingler, Vice President and Chief Information Officer, Spartanburg Regional Healthcare System*
- *Dr. W. Gregory Feero, Special Advisor to the Director for Genomic Healthcare, NHGRI, The Surgeon General's "My Family Health Portrait"*
- *Sandra Elliott, Director of Consumer Technology and Service Development, Meridian Health*

Health IT interoperability is critical for giving care providers the information they need to effectively care for patients. As importantly, it has the potential to empower consumers to be more active in managing and understanding their own care. This session will provide insight into ways consumers can benefit from patient health records and other consumer applications such the Surgeon General's "Family Health Portrait."

👉 Bi-Directional Communication: Enhancing Situational Awareness in Public Health and Clinical Practice

12:30-12:50 pm

Brian Dixon, Health IT Project Manager, Regenstrief Institute, Inc.

This presentation will discuss standards-based approaches to enhancing communication between public health agencies and health care providers. Projects funded by the CDC will be showcased that show how health information exchange can facilitate efficient and effective dissemination of information to clinicians to keep them informed of public health threats in their communities.

👉 Linking Health and Human Services

2:30-2:50 pm

- *Debbie Somers, Health IT Consultant (Contractor), Federal Health Architecture, Office of the National Coordinator for Health IT*
- *Linda Creps, TRANSFORM Program Manager (Contractor), Federal Health Architecture, Office of the National Coordinator for Health IT*

Learn how federal, state, local and private organizations are working together to create a coordinated view of health and human services to better support the citizen and enable the creation of reusable solutions.

👉 Wounded Warrior Continuity of Care in a Production Environment

3:00-3:20 pm

- *Steve Steffensen, MD, Chief Medical Information Officer, TATRC, Department of Defense*
- *Jamie Bennett, NHIN/IVLER Program Manager, Department of Veterans Affairs*
- *Zachary Gillen, Senior Project Manager, Kaiser Permanente*

This session will highlight lessons learned for implementing NHIN in the VA/DoD/KP production environments to support the Wounded Warrior clinical scenario and data exchange.

👉 CONNECT 3.0 and Beyond

3:30-3:50 pm

David Riley, CONNECT Lead (Contractor), Federal Health Architecture, Office of the National Coordinator for Health IT

The release of CONNECT v3.0 in June of 2010 will include enhancements that support emerging national health IT requirements. This session will explain how the CONNECT open source solution helps to address organizations' needs to securely share electronic health records.

👉 Steps for Getting Started with the NHIN

4:00-4:20 pm

- *Douglas Hill, NHIN Implementation Lead (Contractor), Office of the National Coordinator for Health IT*
- *Vanessa Manchester, CONNECT Program Manager (Contractor), Federal Health Architecture, Office of the National Coordinator for Health IT*

This session will provide attendees with an understanding of how they can leverage NHIN standards and guidelines for setting up health information exchanges throughout the country. Speakers will discuss the processes required to utilize the NHIN, using CONNECT as an example for jumpstarting NHIN use.

👉 CMS' C-HIEP Proof of Concept, CMS Implementation of NHIN CONNECT

4:30-4:50 pm

- Anita Griner, Senior Project and Program Manager, Centers for Medicare & Medicaid Services
- Nitin Jain, C-HIEP Executive Consultant (Contractor), Centers for Medicare & Medicaid Services

This session will discuss the CARE Health Information Exchange Project (C-HIEP) which will contribute to the maturation of CMS' technological and business processes associated with the receipt and management of clinical, quality information. CMS will discuss the CMS development and intended implementation of the Nationwide Health Information Network (NHIN) CONNECT solution and other technical aspects of the project.

👉 The CONNECT Open Source Community's Role in Promoting Nationwide HIE

5:00-5:30 pm

Brian Behlendorf, CONNECT Collaboration Advisor (Contractor), Federal Health Architecture, Office of the National Coordinator for Health IT

This session will highlight the value of collaboration through the CONNECT Community for promoting health information exchange throughout the country. This session will discuss Community participation from the federal government, states, the vendor community and the private sector, and it will provide insight into the reasons for participation and the value the project is having within diverse domains.

Wednesday, March 3

👉 Strategy for Applying Reusable Technology (START)

10-10:20 am

Thomas A Baden Jr., Director of Enterprise Architecture, State of Minnesota Department of Human Services

During this session, participants will learn about the START vision, a game-changing approach to building and deploying re-usable code/systems in government. This partnership between Utah, Illinois, Oregon, Minnesota, the federal government and a number of other key stakeholders serves to demonstrate a high quality, cost-effective approach to modernizing enterprise systems in the future and building the foundation for a "secure government cloud computing platform" to serve the citizens in the digital age we live in.

👉 Supporting State HIE Needs through MITA and CONNECT

10:30-10:50 am

- Bill Branch, Chief Architect, Medicaid Information Technology Architecture (MITA)
- Laura Megas, MITA-CONNECT Lead (Contractor), Federal Health Architecture, Office of the National Coordinator for Health IT

This session will describe the objectives of the CMS MITA initiative and discuss how MITA can provide states a model for health data interoperability. Speakers will also describe how NHIN services have been applied to existing, industry standard interfaces, aligned with the Medicaid Information Technology Architecture, and implemented within CONNECT to support real-time member eligibility verification with a MITA-based Medicaid system.

👉 Linking Health and Human Services

11-11:20 am

- Debbie Somers, Health IT Consultant (Contractor), Federal Health Architecture, Office of the National Coordinator for Health IT
- Linda Creps, TRANSFORM Program Manager (Contractor), Federal Health Architecture, Office of the National Coordinator for Health IT

Learn how federal, state, local and private organizations are working together to create a coordinated view of health and human services to better support citizens and enable the creation of reusable solutions.

👉 NHIN Best Business Practices Round Table

11:30 am -12:20 pm

- Steve Steffensen, MD, Chief Medical Information Officer, TATRC, Department of Defense
- Jamie Bennett, NHIN/VLER Program Manager, Department of Veterans Affairs
- Zachary Gillen, Senior Project Manager, Kaiser Permanente
- Michael Matthews, Chief Executive Officer, MedVirginia
- Martin Prah, Lead Technical Architect for Health IT Initiatives, Social Security Administration

Multiple organizations have now successfully deployed NHIN exchanges in production environments. This panel will highlight best practices learned from these organizations and will discuss the benefits being achieved from NHIN connectivity.



👉 NHIN and CONNECT at a Glance

12:30-12:50 pm

- Mariann Yeager, NHIN Policy and Governance Lead (Contractor), Office of the National Coordinator for Health IT
- David Riley, CONNECT Lead (Contractor), Federal Health Architecture, Office of the National Coordinator for Health IT

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👉 Ensuring Conformance & Interoperability: NHIN Testing

2:30-2:50 pm

Leslie Power, NHIN Testing Lead (Contractor), Office of the National Coordinator for Health IT

How do we ensure that an organization is technically ready to exchange health information securely across the NHIN? Through careful and automated testing. This session will discuss the NHIN's automated testing lab, which tests service conformance and runs candidates through workflow-oriented automated interoperability scenarios.

👉 E-Care

3:00-3:20 pm

- Mohit Kaushal MD, Digital Healthcare Director at the Federal Communications Commission
- Dr. Nina Solenski, Associate Professor of Neurology and Co-Chair of the Virginia State Stroke Systems of Care Task Force, University of Virginia

This session will provide an overview of e-care technologies (including video conferencing, remote monitoring, digital image transfers) and their potential impact on care in the United States.

👉 NHIN Specifications

3:30-3:50 pm

- Richard Kernan, NHIN Specification Lead (Contractor), Office of the National Coordinator for Health IT
- Karen Witting, Contractor to the North Carolina Healthcare Information and Communications Alliance (NCHICA), NHIN Specifications Factory

This session will provide a functional and technical overview of NHIN architecture and service specifications. The panelists will walk through several HIE transaction scenarios in order to demonstrate how components of NHIN's tiered architecture interact and will answer questions from the audience.

👉 Steps for Getting Started with the NHIN

4:00-4:20 pm

- Douglas Hill, NHIN Implementation Lead (Contractor), Office of the National Coordinator for Health IT
- Vanessa Manchester, CONNECT Program Manager (Contractor), Federal Health Architecture, Office of the National Coordinator for Health IT

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👉 CONNECT 3.0 and Beyond

4:30-4:50 pm

David Riley, CONNECT Lead (Contractor), Federal Health Architecture, Office of the National Coordinator for Health IT

The release of CONNECT v3.0 in June of 2010 will include enhancements that support emerging national health IT requirements. This session will explain how the CONNECT open source solution helps to address organizations' needs to securely share electronic health records.

👉 Security and Privacy for the NHIN and CONNECT

5:00-5:30 pm

- Nick Vennaro, NHIN Team (Contractor), Office of the National Coordinator for Health IT
- Michael Torpey, CONNECT Health IT Security Specialist for (Contractor), Federal Health Architecture, Office of the National Coordinator for Health IT

A critical component of the NHIN is the "trust fabric" that enables the secure exchange of electronic health information among organizations. This discussion will feature NHIN and CONNECT staff discussing trust issues related to NHIN-based health information exchange, and the CONNECT team will deliver an update on the security elements built into the software solution.