eHealth Exchange

Annual Meeting 2023

NOV 14

SAN DIEGO | CALIFORNIA

happiness is a WARM HUG

©PNTS

Opening Remarks

Matthew A. Eisenberg, MD, FAAP

- Stanford Health Care Associate Chief Medical Information Officer (ACMIO)

- eHealth Exchange Coordinating Committee Chair

eHealth Exchange™

New 2023 Provider Participants

NewYork-Presbyterian	The NY & Presbyterian Hospital (NY, Epic)
hoag.	Hoag Memorial Hospital Presbyterian (CA, Epic)
Hospital Sisters HEALTH SYSTEM	Hospital Sisters Health System (IL, Epic)
UK King's Daughters	King's Daughters Medical Center (KY, Epic)

NOMS HEALTHCARE	NOMS Healthcare (OH, Epic)
ALBANY MED Health System	Albany Med Health System (NY, Epic)
Hamilton Health Care System	Hamilton Medical Center (GA, Epic)
Health Choice Network a Family of Health Centers	Health Choice Network

New 2023 HIEs and Other Participants

LANES	Los Angeles Network for Enhanced Services (LANES)	DSS INCORPORATED	Document Storage Systems
HI-BRIDGE HEALTH INFORMATION EXCHANGE	HI-BRIDGE Health Information Exchange (Morehouse School of Medicine)	DOMA TECHNOLOGIES	DOMA Technologies
WYOMING FRONTIER INFORMATION	WY Frontier Info Exchange	trove health	Trove Health (Individual Access Provider)
particle	Particle Health	vivlio health	Vivlio Health

NwHIN and the Coordinating Committee Origin Story

- We began as the Nationwide Health Information Network (NwHIN) in 2007/2008 as part of the Virtual Lifetime Electronic Record (VLER) program

- The inaugural Coordinating Committee Meeting was in September 2009

- **In 2011, the eHealth Exchange had 23 participants** and in 2012, The Sequoia Project (Healtheway) took over management of the network from the ONC/VLER program

- Our network is governed by the DURSA – which grants authority to the Coordinating Committee; The CC manages the network and represents the needs of network participants. We follow the "Kansky Doctrine" – promoting safe and secure exchange without participant "extra effort"!

- We do NOT manage the business. That is the role of the Board of Governors – led by my colleague Bill Howard and our Board of Governors

- **I stand on the shoulders of giants!** Our previous Committee Chairs have included Michael Matthews (Med VA), Kitt Winter (SSA), Margaret Donahue (VAH) and John Kansky (IHIE)

- Our history in the literature
    - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2995626/
    - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3540491/
    - https://www.sciencedirect.com/science/article/abs/pii/S1386505614000653?via%3Dihub
    - https://www.healthit.gov/sites/default/files/draft_nhin_trial_implementations_production_dursa-3.pdf

Role Of The Coordinating Committee

The overarching role of the Coordinating Committee is to provide the needed governance, oversight, management and support of the trust fabric for the Exchange participants. The roles and responsibilities of the Coordinating Committee set forth in the Data Use and Reciprocal Services Agreement (DURSA) include:

- Determining whether to admit a new participant

- Maintaining a definitive list of all transaction patterns supported by each of the participants

- Developing and amending operating policies and procedures in accordance with Section 11 of the DURSA

- Receiving reports of breaches and acting upon such reports in accordance with Section 14.03 of the DURSA

- Suspending or terminating participants in accordance with Section 19 of the DURSA

- Resolving disputes between participants in accordance with Section 21 of the DURSA

- Managing the amendment of this agreement in accordance with Section 23.02 of the DURSA

- Fulfilling all other responsibilities delegated by the participants to the Coordinating Committee

- Evaluating, prioritizing and adopting new performance and service specifications, changes to existing performance and service specifications and the artifacts required by the validation plan in accordance with Section 10 of the DURSA

- Maintaining a process for managing versions of the performance and service specifications, including migration planning

- Evaluating requests for the introduction of emergent specifications into the production environment used by the participants to transact message content

- Coordinating with ONC to help ensure the interoperability of the performance and service specifications with other health information exchange initiatives including, but not limited to, providing input into the broader ONC specifications activities and ONC Standards and Interoperability Framework initiatives

eHealth Exchange

Matt Eisenberg, MD, *Chair*

Organization:
Stanford Health Care

Stanford MEDICINE
School of Medicine

Representing:
Health Systems

Eric Liederman, MD

Organization:
Defense Health Agency

KAISER PERMANENTE.

Representing:
"Other" Category (e.g. ambulatory, pediatric, dialysis, intermediaries, vendors, payers)

Pam Matthews, RN., *Vice Chair*

Organization:
East Tennessee Health Information Network

etHIN

Representing:
Health Information Organizations

Dan Paoletti

Organization:
Ohio Health Information Partnership

OHIP
Ohio Health Information Partnership

Representing:
Health Information Organizations

John Kansky

Organization:
Indiana Health Information Network

Indiana Health Information Exchange

Representing:
Health Information Organizations

Patti Cuartas, PA-C

Organization:
Mount Sinai Health System

Mount Sinai

Representing:
Health System

Paul Matthews

Organization:
OCHIN

OCHIN

Representing:
Provider Collaboratives

Arun Gopalan

Organization:
DaVita

DaVita
Kidney Care

Representing:
"Other" Category (e.g. ambulatory, pediatric, dialysis, intermediaries, vendors, payers)

Derek Plansky

Organization:
Health Gorilla

HEALTH GORILLA

Representing:
"Other" Category (e.g. ambulatory, pediatric, dialysis, intermediaries, vendors, payers)

Pat Russell, RN,
Secretary (Non-Voting)

Organization:
eHealth Exchange

eHealth Exchange

Representing:
eHealth Exchange Staff

Cindy Pan

Organization:
Veterans Health Administration

Representing:
Federal Agency

Lance Scott

Organization:
Defense Health Agency

Representing:
Federal Agency

Mitch Thornbrugh

Organization:
Indian Health Service

Representing:
Federal Agency

Ben Gurga

Organization:
Social Security Agency

Representing:
Federal Agency

Dr. Hussein Ezzeldin

Organization:
Food & Drug Administration

Representing:
Federal Agency

Board of Directors

Pam Matthews, RN
Vice Chair

Organization:
East Tennessee Health Information Network
Appointed By:
Coordinating Committee

John Mattison, MD

Organization:
Arsenal Capital Partners
Appointed By:
Coordinating Committee

Bill Howard, RN
Chairperson

Organization:
Howard Consulting
Appointed By:
Board

Debbie Condrey
Treasurer

Organization:
The Sequoia Project
Appointed By:
The Sequoia Project

Lisa Bari

Organization:
CIVITAS
Appointed By:
Board

Patti Cuartas, PA-C

Organization:
Mount Sinai Health System
Appointed By:
Coordinating Committee

Paul Biondich, MD

Organization:
Regenstrief Institute
Appointed By:
Board

Jay Nakashima
Ex Officio

Organization:
eHealth Exchange
Appointed By:
eHealth Exchange
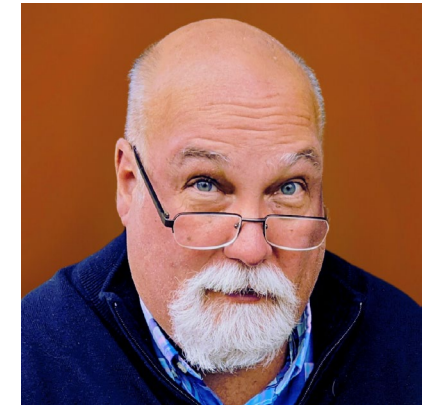
The eHealth Exchange Team

Jay Nakashima
Executive Director

Kathryn Bingman
VP of Interoperability Adoption

Pat Russell, RN
Director Policy & Governance,
Privacy Officer

Mike Yackanich
Director, Program Integration

Tina Feldmann
Marketing Director

Mike McCune
Senior Solutions Engineer

John McBride
Senior Interoperability Engineer

Jay Johnstone
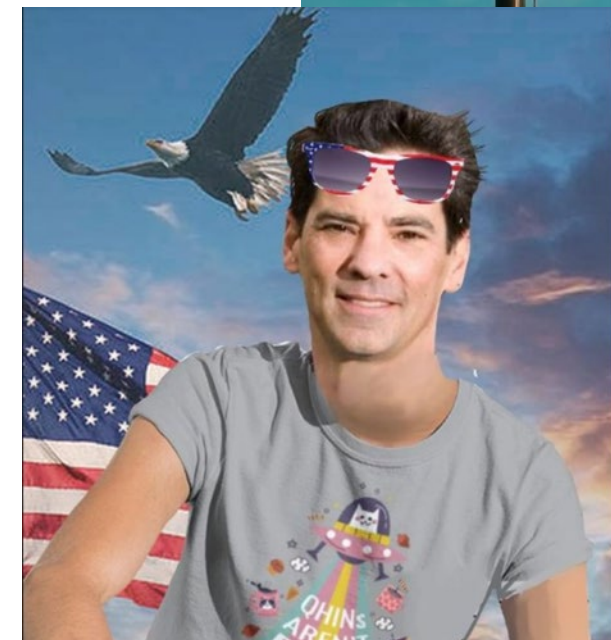Senior Interoperability Specialist

So Very Grateful!

Meeting Agenda (Tuesday November 14th | 9:00AM – 5:15PM)

ALL DAY	Ask the Expert Booth
9:00 AM	Welcome and Opening Remarks
9:30 AM	State of the Network
10:00 AM	AM Keynote – Aneesh Chopra
10:45 PM	Trickle Down TEFCA
11:30 PM	FHIR for Public Health
12:00 PM	Networking Lunch (Sponsored by Clareto)

1:00 PM	TEFCA Time
1:45 PM	What Public Health Wants
2:45 PM	Payer and Provider Burden Reduction using FHIR (and preparing for TEFCA)
3:30 PM	Information Handling Best Practices
4:00 PM	PM Keynote – Micky Tripathi
4:45 PM	Insights from the Top
5:30 PM	All Participant Networking Reception (Sponsored by InterSystems)

Coordinating Committee 2023 Focus Areas

1. TEFCA and QHIN application & onboarding

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4. Completing content testing – an amazing effort!

5. FDA FHIR Pilots for Adverse Event Reporting (BEST)

6. eCase Reporting expansion

7. FHIR Roadmap

8. Understanding the Information Blocking regulations and implications/penalties for our network

9. Health information exchange and privacy after the Dobbs v Jackson ruling

10. New use cases to explore (e.g. payment and operations)

11. CC "feeding and growing" – Annual Committee Elections and triennial OPP Review and Updates

eHealth Exchange

Nichole Sweeney

Organization:
CRISP

Representing:
QHIN Participant

CRISP SHARED SERVICES

Sheena Patel, MD

Organization:
CRISP – MD

Representing:
QHIN Subparticipant

CRISP
Chesapeake Regional Information
System for our Patients, Inc.

Gary Parker

Organization:
Alabama One Health Record

Representing:
QHIN Participant

One Health Record

Allen Daniels

Organization:
Huntsville Hospital HS

Representing:
QHIN Subparticipant

HH together

Pam Matthews, RN.

Organization:
East Tennessee Health
Information Network

Representing:
Healtheway Inc. Board

etHIN

John Kansky

Organization:
Indiana Health
Information Network

Representing:
Coordinating Committee

Indiana Health
Information Exchange

Phil Beckett

Organization:
C3HIE

Representing:
QHIN Participant

C3HIE

Pat Russell, RN,
(Non-Voting)

Organization:
eHealth Exchange

Representing:
eHealth Exchange Staff

eHealth Exchange

Website Resources: All OPPs are in one place for viewing under Policies

Current Operating Policies and Procedures for the eHealth Exchange Network

OPP #1 - Participation - Review and Disposition of Applications for Participation

OPP #2 - Coordinating Committee General Operating Procedure

OPP #3 - Changes, Suspension, Termination

OPP #4 - Change Process - Performance and Service Specifications

OPP #5 – Change Process – Operating Policies and Procedures

OPP #6 – Confidential Information Handling

OPP #7 – Adverse Security Event Notification

OPP #8 – Data Use and Reciprocal Support Agreement and Amendment Process

OPP #9 - eHealth Exchange Digital Credentials

OPP #10 – Participant Opt-Out of New Data Sharing Agreements

OPP #11 - eHealth Exchange Service Levels and Operational Monitoring

OPP #14 - How to Comply with DURSA's Duty to Respond

OPP #15 - Hub Message Transformation Inventory

OPP#16 - Participants Must Use Hub for All Transactions with eHealth Exchange Participants

OPP Glossary of Terms

OPP Highlights

eHealth Exchange Validation Plan v13

- OPP #12 is no longer active as of March 2, 2021.
- OPP #13 is no longer active as of September 30, 2021.

Website Resources: Use Case Inventory (Tech Specs)

	Use Case	Use Case Highlights	Coordinating Committee Use Case Approval[1][2]	[Participants NOT opting-out of exchange with the TEFCA framework as described by Operating Policy & Procedures (OPP) 16 are also bound by the additional requirements listed in this workbook's "Additional TEFCA Requirements" Spreadsheet]	Coordinating Committee Performance & Service Specification Approval	Performance & Service Specification Location	Adoption	Notes
2	Query & Retrieve	Query & Retrieve With Consent, No Authorization	11/18/2009	Web Services Registry Web Service Interface Specification v 3.1	3/6/2012	https://s3.amazonaws.com/seqprojectehex/wp-content/uploads/2018/09/28214518/nhin-web-services-registry-production-specification-v3-1-508.pdf	295+ Participants	Can exchange directory data via this legacy SOAP specification, but exchange with FHIR R4 is strongly encouraged since Web Services Registry Web Service Interface Specification v 3.1 sunset is anticipated.
3	Query & Retrieve (for Social Security Benefits Determination)	Query & Retrieve With Authorization	11/18/2009	Web Services Registry Web Service Interface Specification v 3.1	3/6/2012	https://s3.amazonaws.com/seqprojectehex/wp-content/uploads/2018/09/28214518/nhin-web-services-registry-production-specification-v3-1-508.pdf	200+ Participants	Can exchange directory data via this legacy SOAP specification, but exchange with FHIR R4 is strongly encouraged since Web Services Registry Web Service Interface Specification v 3.1 sunset is anticipated.
4	Query & Retrieve (for Life Insurance Underwriting)	Query & Retrieve With Consent & Authorization	12/7/2016	Web Services Registry Web Service Interface Specification v 3.1	3/6/2012	https://s3.amazonaws.com/seqprojectehex/wp-content/uploads/2018/09/28214518/nhin-web-services-registry-production-specification-v3-1-508.pdf	< 10 Participants	Can exchange directory data via this legacy SOAP specification, but exchange with FHIR R4 is strongly encouraged since Web Services Registry Web Service Interface Specification v 3.1 sunset is anticipated.
5	Consumer Access to Health Information	Consumers (or their vendors with authorization) Query & Retrieve other eHx Participants to populate patients' PHRs & potentially share with other Participants.	10/18/2016	Web Services Registry Web Service Interface Specification v 3.1	3/6/2012	https://s3.amazonaws.com/seqprojectehex/wp-content/uploads/2018/09/28214518/nhin-web-services-registry-production-specification-v3-1-508.pdf	None	Can exchange directory data via this legacy SOAP specification, but exchange with FHIR R4 is strongly encouraged since Web Services Registry Web Service Interface Specification v 3.1 sunset is anticipated.

Coordinating Committee – Future areas of focus…

1. Becoming a "real boy" QHIN and establishing effective governance
2. Moving to the Common Agreement 2.0 and expanded use cases
3. On the road to FHIR…
4. Continued promotion of eHealth Exchange network for additional use cases