



Interoperability MATTERS

an initiative of The Sequoia Project

Data Usability Workgroup

February 6, 2025

Agenda

- Welcome, Introductions, Membership, Agenda - Adam Davis, MD – 5 minutes
- Data Usability Implementation Guide V2.0 - Bill Gregg, MD— 10 min
- Data Usability Taking Root Community of Practice Update – Didi Davis – 10 minutes
- Reminders – 5 minutes
 - HIMSS 2025
- Workgroup Discussion & Q&A – Didi Davis, Co-chairs and Workgroup



Adam Davis, MD, Co-chair
Sutter Health



Bill Gregg, MD, Co-chair
HCA Healthcare



Didi Davis, VP
The Sequoia Project

Workgroup Members

392 Organizations

490 Participants



Healthcare Providers



20%

Public Health



2%

Consumer/Patient



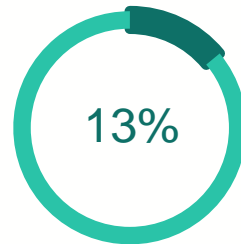
5%

Standards Developer



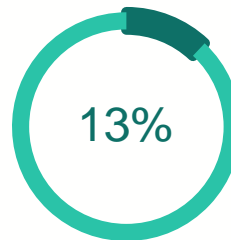
4%

HIN/HIEs



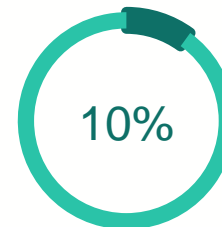
13%

Federal, State, Local Government



13%

Health Plan/Payer



10%

Health IT Developers



18%

Other



15%

Sequoia Members Shape Interoperability for the Public Good



Sequoia Members Shape Interoperability for the Public Good

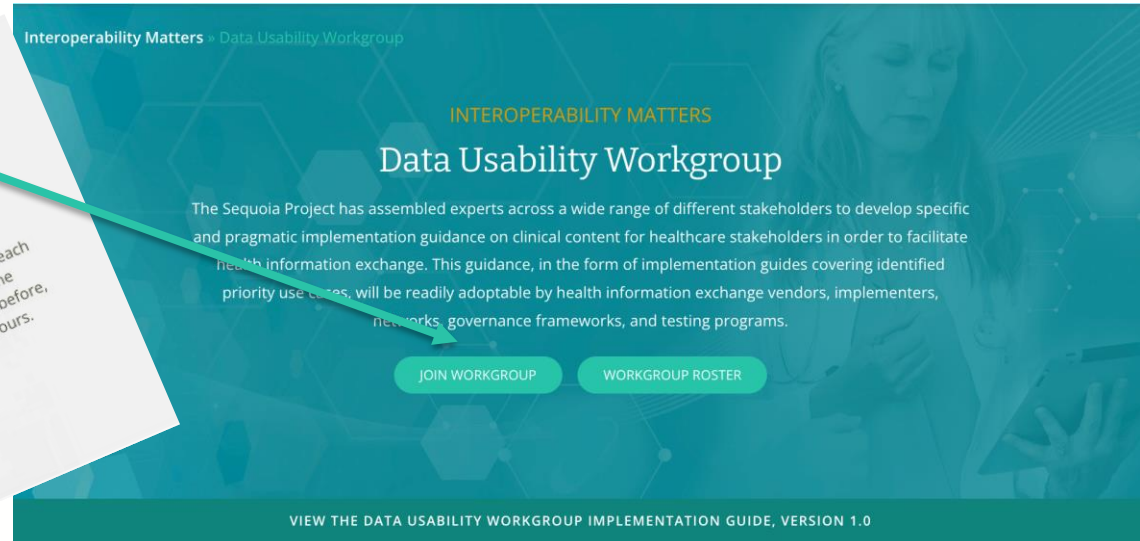
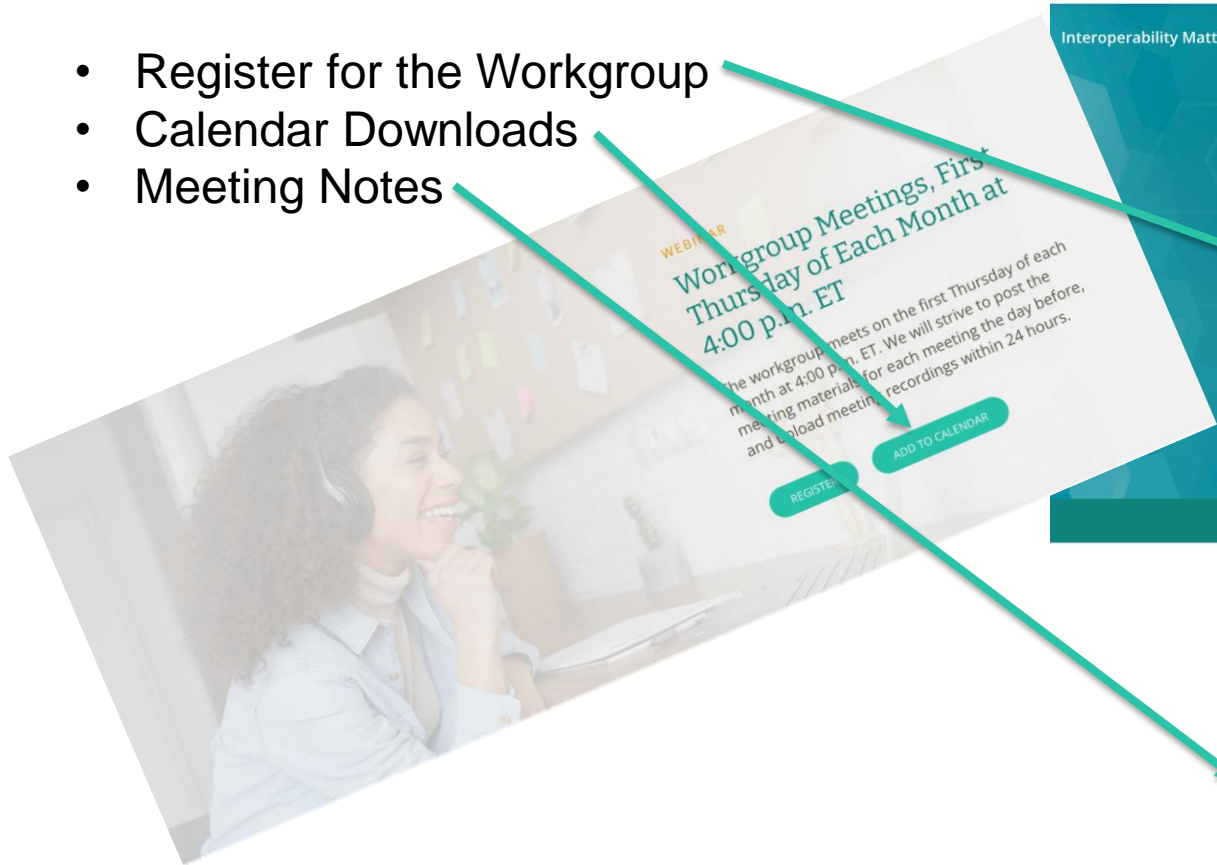



Sequoia Members Shape Interoperability for the Public Good



Website, Meeting and Workgroup Logistics

- Register for the Workgroup
- Calendar Downloads
- Meeting Notes



<https://sequoiaproject.org/interoperability-matters/data-usability-workgroup/>
 Interopmatters@sequoiaproject.org

Meeting Logistics and Timeline

- In 2025, the Data Usability Workgroup will begin a quarterly meeting cadence on the following dates:
 - **February 6**
 - **April 3**
 - **August 7**
 - **October 2**
- This will allow industry to familiarize themselves with the new V2.0 before we get too ahead of ourselves for the expected **18-month** adoption expectations.
- Calendar invites are available [here](#) for download

Data Usability Implementation Guide V2.0

DUWG Implementation Guide Version 2.0 – Summary

Key changes in this final publication included:

- Added guidance for receiving systems in addition to sending systems
- Advancing the baseline requirements from USCDI V1 (Problem, Allergy, Medications, Immunizations ONLY) to all data classes within USCDI V3
 - ASTP/ONC has updated the USCDI standard in § 170.213 by adding **USCDI Version 3 (v3)** and establishing a **January 1, 2026, expiration date for USCDI v1 (July 2020 Errata)** for purposes of the Certification Program.
- Expanded guidance to be technology agnostic with added requirements for HL7® FHIR®, HL7 v2.x and HL7 C-CDA across the topic categories
- Added an additional topic category for laboratory



USCDI

USCDI Version 3 – Required in EHRs by 2026

Allergies and Intolerances <ul style="list-style-type: none"> Substance (Medication) Substance (Drug Class) Reaction 	Clinical Tests <ul style="list-style-type: none"> Clinical Test Clinical Test Result/Report 	Health Status/ Assessments <ul style="list-style-type: none"> Health Concerns → Functional Status ★ Disability Status ★ Mental / Cognitive Status ★ Pregnancy Status ★ Smoking Status → 	Patient Demographics/ Information <ul style="list-style-type: none"> First Name Last Name Middle Name (Including middle initial) Suffix Previous Name Date of Birth Date of Death → Race Ethnicity Tribal Affiliation ★ Sex Sexual Orientation Gender Identity Preferred Language Current Address Previous Address Phone Number Phone Number Type Email Address Related Person's Name ★ Related Person's Relationship ★ Occupation ★ Occupation Industry → 	Procedures <ul style="list-style-type: none"> Procedures SDOH Interventions Reason for Referral ★
Assessment and Plan of Treatment <ul style="list-style-type: none"> Assessment and Plan of Treatment SDOH Assessment 	Diagnostic Imaging <ul style="list-style-type: none"> Diagnostic Imaging Test Diagnostic Imaging Report 	Immunizations <ul style="list-style-type: none"> Immunizations 	Problems <ul style="list-style-type: none"> Problems SDOH Problems/Health Concerns Date of Diagnosis Date of Resolution 	Provenance <ul style="list-style-type: none"> Author Organization Author Time Stamp
Care Team Member(s) <ul style="list-style-type: none"> Care Team Member Name Care Team Member Identifier Care Team Member Role Care Team Member Location Care Team Member Telecom 	Encounter Information <ul style="list-style-type: none"> Encounter Type Encounter Diagnosis Encounter Time Encounter Location Encounter Disposition 	Laboratory <ul style="list-style-type: none"> Test Values/Results Specimen Type ★ Result Status ★ 	Medications <ul style="list-style-type: none"> Medications Dose ★ Dose Unit of Measure ★ Indication ★ Fill Status ★ 	Unique Device Identifier(s) for a Patient's Implantable Device(s) <ul style="list-style-type: none"> Unique Device Identifier(s) for a patient's implantable device(s)
Clinical Notes <ul style="list-style-type: none"> Consultation Note Discharge Summary Note History & Physical Procedure Note Progress Note 	Goals <ul style="list-style-type: none"> Patient Goals SDOH Goals 	Health Insurance Information ★ <ul style="list-style-type: none"> Coverage Status ★ Coverage Type ★ Relationship to Subscriber ★ Member Identifier ★ Subscriber Identifier ★ Group Number ★ Payer Identifier ★ 	Problems	Vital Signs <ul style="list-style-type: none"> Systolic blood pressure Diastolic blood pressure Heart Rate Respiratory rate Body temperature Body height Body weight Pulse oximetry Inhaled oxygen concentration BMI Percentile (2 - 20 years) Weight-for-length Percentile (Birth - 24 Months) Head Occipital-frontal Circumference Percentile (Birth - 36 Months)

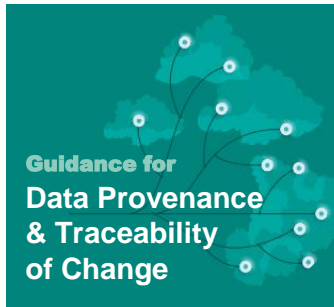
★ New Data Classes and Elements → Data Element Reclassified

Comment Resolution and Final Publication Status

- 179 Comments received during Public Comment – July 23 – August 23, 2024
 - Comment Spreadsheet can be found [here](#)
- Working Data Usability Implementation Guide V2.0 can be found [here](#)
- HL7 Orders and Observations Workgroup created [Confluence Page](#) as a replacement of *Table 1: Laboratory Data Element Code System and Exchange Standards*

Table of Contents

- Executive Summary & Phases Timeline
 - Phase 1 - Administration & Prioritization
 - Phase 2 - IG Development
 - Phase 3 - IG Public Comment
 - Phase 4 - IG Publication
- Statement of Intent
- Sections/Chapters
 - Seven Topic Categories
 - Guidance with SHALL, SHOULD, MAY
- References
- Appendix A – High Priority Lab Results
- Appendix B – A Priority list of documents for information sharing



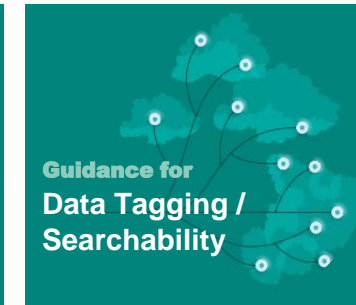
Guidance for
Data Provenance
& Traceability
of Change



Guidance for
Data Integrity,
Format
and Trust



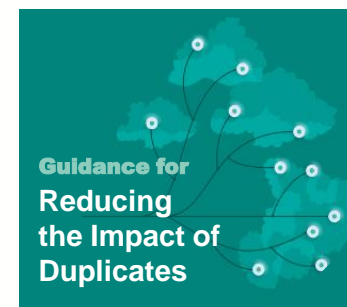
Guidance for
Effective
Use of Codes



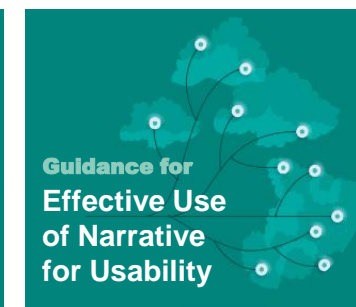
Guidance for
Data Tagging /
Searchability



Guidance for
Laboratory
Interoperability



Guidance for
Reducing
the Impact of
Duplicates



Guidance for
Effective Use
of Narrative
for Usability

Community of Practice Update

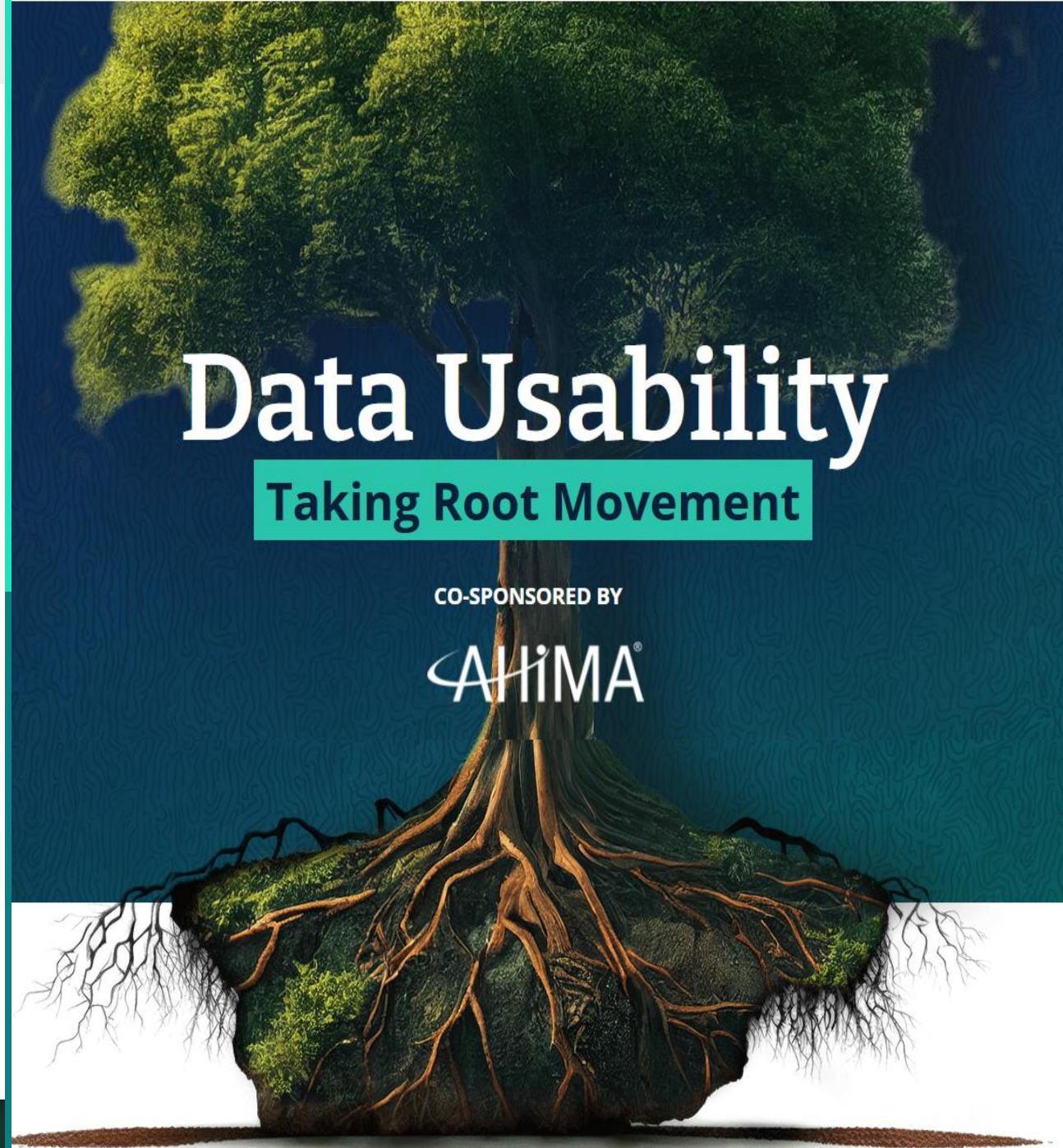
Next meeting February 26, 2025

Data Usability

Taking Root Movement

CO-SPONSORED BY

AIiMA[®]



What is the difference between the Data Usability Taking Root Movement and the Data Usability Workgroup?



Data Usability Workgroup
Develops Guidance

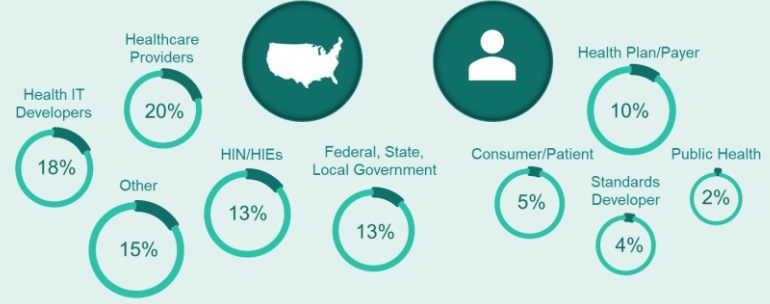


Taking Root Movement
Implements Guidance

An initiative co-sponsored by **AHIMA**



268 Organizations | 443 Participants

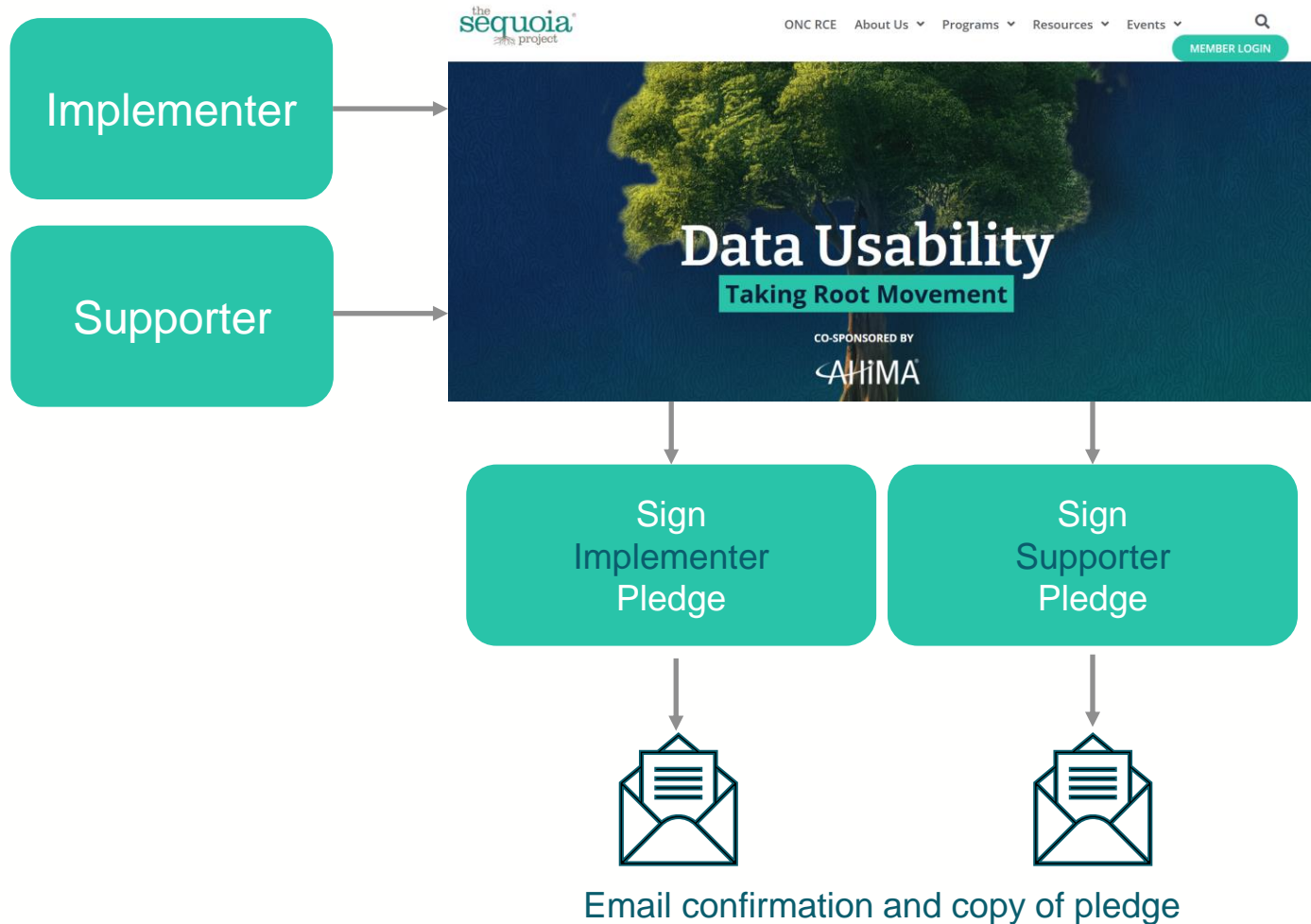


Community of Practice

Roundtables	Technical Assistance
Testing Platform	In-person Convenings

Participation Levels

Pledge Process – Open NOW!



Those who have pledged will have password-protected access to Data Usability Taking Root Resources on the Sequoia website

Organizations that have pledged to participate!

AHIMA[®]



CIVITAS
Networks for Health

Clinical
Architecture

commonwell[®]
HEALTH ALLIANCE

DirectTrust[®]

Epic

HAWAII
PACIFIC
HEALTH

HEALTH[™]
GORILLA

Indiana Health
Information Exchange

Kno2[™]

LAPORTACARE

MedAllies

MEDITECH

MyD

Netsmart

nextgen[®]
healthcare

opala

Optum

ORACLE
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patientory
association

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Community Interoperability
Since 1996

smile[™]
DIGITAL HEALTH

surescripts

THSA
TEXAS HEALTH SERVICES AUTHORITY

Contact Us

Thank you for your interest in The Sequoia Project's new **Data Usability Taking Root** Initiative.



If you would like to get in touch you can reach us at:



takingroot@sequoiaproject.org

To join the Community of Practice Roundtables, please sign up as a Supporter, Implementer or Sponsor here:

<https://sequoiaproject.org/data-usability-taking-root-movement/>

Reminders

HIMSS25

- **March 3-6, 2025**
- **Las Vegas, NV**

HIMSS 25

Data Usability Enhancements and Taking Root Metrics for Seamless Interoperability

🕒 Thursday, March 6, 2025 8:30 AM to 9:30 AM · 1 hr. (US/Pacific)

📍 Caesars | Academy 415

🏷️ General Education

Data and Information

Information

This panel will discuss the groundbreaking advancements of The Sequoia Project’s Data Usability Workgroup with the latest December 2024 release of the Version 2.0 Implementation Guide. We will explore how this updated guide builds upon previous efforts to further improve semantic interoperability and data usability within healthcare workflows. Input from all relevant stakeholders was essential in developing credible implementation guidance for various use

Sub-Topic Category

Interoperability and Standards

Moderator



Didi Davis

Vice President, Informatics, Conformance and Interoperability
The Sequoia Project

Speaker



William Gregg

Vice President, Interoperability and Decision Support
HCA Healthcare



Hans Buitendijk

Senior Director, Interoperability Strategy
Oracle

Data Usability Work Group

For more information:

www.sequoiaproject.org/interoperability-matters/data-usability-workgroup/



(571) 327-3640



Interopmatters@sequoiaproject.org

Convene



Collaborate



Interoperate



**Thank You for your support of
Interoperability Matters!**