January Working Group Meeting

Virtual Event

Tuesday, January 18, 2022
Welcome

Mark McDougall
HL7 Executive Director
GUESS WHO? WOMEN OF HL7
Guess who? Women of HL7

- Each morning, we will share fun facts about some of the women leaders from HL7.
- We’ll do 4 each day, 3 on Friday. They will be numbered, pay attention!
- Polls are NOW OPEN in Whova.
- The first to correctly guess each woman leader will win a complimentary registration for the Virtual May WGM and $50 in HL7 Swag!
- Winners will be announced at the end of the general session each day.
- GOOD LUCK!
This female leader…

- Got paid to witness autopsies in her teens
- Travelled 90+% of her work time for most of her 20's; has only left the US for Canada and Mexico
- Clogger and danced with a group that performed locally
- Certified Toastmaster and won several awards as a speech evaluator
- Mother of two adult children in the autistic spectrum
This female leader…

- Participated in three Guinness World Records!
  - Most beer ever sold in one day at one location: Renaissance Pleasure Faire, Agoura California 1984
  - Largest gathering of pirates: Northern California Pirate Festival 2010
  - Longest continuous Bicycle Parade: Davis California 2010

- High school graduating class included an Olympic gold medalist and a long-standing member of the Grand Ole Opry.

- Competed in a dragonboat race at the 2010 San Francisco International Dragonboat Festival – the largest in the US.
Women of HL7: #3

This female leader...

- Is a fine art painter
- A foster parent
- And a beginner ballroom dancer
Women of HL7: #4

This female leader…

- Likes getting fix-it projects done
- Is pretty handy at driving a tractor
- Loves riding horses with her granddaughters
- Manages several rental properties
- Likes to go rock climbing and hiking
Guess who? Women of HL7

POLLs ARE OPEN!
GOOD LUCK!
Tuesday

- Chair’s Report
- CEO Report
- FHIR Accelerator: CodeX
- FHIR Accelerator: Da Vinci
- Key Announcements
Chair’s Report

Andrew Truscott
Chair, HL7 Board of Directors
The Re-Envisioning HL7 Strategy

**Bold Principles**

Task Force developed Five Bold Principles:

- Serve as anchors for the Re-envisioning HL7 Strategy recommendations and action plan
- Endorsed by the HL7 Board in July 2020
Thank you Walter

We’d like to recognize Walter Suarez for his two years as HL7 Board Chair
New Executive Positions at HL7

Daniel Vreeman, DPT
Chief Standards Development Officer (CSDO)

Dr. Viet Nguyen, MD
Chief Standards Implementation Officer (CSIO)

Diego Kaminker
Deputy Chief Standards Implementation Officer (DCSIO)
Happy Retirement Wayne

We’d like to recognize Wayne Kubick for his six years as HL7 CTO

Please join us for a networking reception at 5:15 PM CST Wednesday when we will have a special thank you for Wayne!
Welcome to our two new board members!

John Loonsk, MD
Director at Large
JHU / APHL / Hi3 Solutions

Ron Parker
Affiliate Director
HL7 Canada
Tuesday

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CEO Report

Charles Jaffe, MD, PhD

HL7 Chief Executive Officer
HL7 in 2022 and Beyond

CEO Report to the
HL7 Membership

Chuck Jaffe
18 January 2022
The Past is Preamble

2021 was a Remarkable Year

- Virtual WG meetings & Connectathons had record turnouts
- Change became a byword
- HL7’s technologies were re-envisioned
- Diversity & Inclusivity got a new coda
- The International community grew in reach and influence
- FHIR Accelerators grew in members and stature
- Government agencies embraced HL7 specifications
- HL7 prospered in the time of global tragedy
Knowledge is knowing that a tomato is a fruit. Wisdom is not correcting anyone about it. Philosophy is wondering if salsa is a fruit salad.
Growing the Community

• We welcome our new executive leadership – Dan, Diego, and Viet
• The Implementation Division expands our mission.
• New FHIR Accelerators (Helios & FAST) deliver expertise.
• Federal agencies expand their commitment to HL7 FHIR
• New education portals (HIMSS & HDM) forge unique opportunities.
• Existing vendors develop new solutions. Newly committed vendors challenge HL7 with unique approaches to patient engagement.
• Security & Privacy bring new challenges.
• Addressing the data needs during the pandemic heightens the commitment of new organizations.
• Growing the international community becomes a major priority.
Collaboration with Difference Makers

• AMA has a new vision.
• AMIA embraces an old partner.
• CHIME expands the reach of CIOs.
• ISO rethinks its model for collaboration.
• NIH identifies new opportunities.
• OHDSI builds upon its global standard.
• Sequoia envisions a critical roadmap.
• SMART grows its implementation portfolio.
It is far easier to spot faults in another than virtues in oneself.

Old Yiddish proverb
If I generated more questions than I answered, please drop me a note.

cjaffe@hl7.org
Tuesday

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FHIR Accelerator: CodeX
Steve Bratt
Program Manager
Cancer, in the United States

- 39% lifetime risk
- #2 cause of death
- $147 B cost per year
HL7 FHIR Accelerator

A Member-driven community accelerating interoperable data modeling and implementation around the FHIR HL7 standard, leading to substantial improvements in health care and research in cancer and beyond.

http://hl7.org/CodeX
Data are collected and shared via the mCODE standard, and CodeX extensions.
CodeX Use-Case-Based Projects

Discovery -> Planning -> Execution

https://confluence.hl7.org/display/COD/CodeX+Use+Cases

- mCODE++ Extraction
- EHR Endpoints for Cancer Clinical Trials (future extensions of ICAREdata)
- Integrated Trial Matching for Cancer Patients and Providers
- Cancer Registry Reporting
- Radiation Therapy Treatment Data for Cancer
- Prior Authorization in Oncology
- Risk Evaluation and Mitigation Strategies (REMS)
- Genomics
- Cardiovascular Disease
- Oncology Clinical Pathways

-------- Stages --------

Discovery  Planning  Execution
A group of health systems, specialty societies, government agencies, pharmaceutical manufacturers, researchers, EHRs and supporting organizations, participating in a monthly public forum focused on real-world applications of mCODE.

Latest developments on mCODE, CodeX, and cancer data exchange

Ask questions and learn from the experience of other community participants

Develop and share best practices for clinical workflows, data modeling, and exchange

https://confluence.hl7.org/display/COD/mCODE+Community+of+Practice
## CodeX Members
(December 2021)  

**CodeX Founders**

<table>
<thead>
<tr>
<th>PREMIER</th>
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<tbody>
<tr>
<td>AMERICAN ASSOCIATION OF PHYSICISTS IN MEDICINE</td>
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<td>ASTRO (AMERICAN SOCIETY FOR RADIATION ONCOLOGY)</td>
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<td>UnitedHealthcare</td>
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<td>ALLIANCE (FOR CLINICAL TRIALS IN CANCER)</td>
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<td>MCSF MICHIGAN CANCER SERVICE DELIVERY PROGRAM</td>
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<tr>
<td>American Society of Clinical Oncology (ASCO)</td>
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<td>Oncology Nursing Society (ONS)</td>
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<td>COMP Canadian Organization of Medical Physicists</td>
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<td>OCPM Organisation canadienne des physiciens médicaux</td>
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<td>MASSIVE BIO</td>
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<td>Mettle Solutions</td>
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<td>PRINCIPIA HEALTH SCIENCES</td>
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<td>Quantum Leap Healthcare Collaborative</td>
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<td>Wemedoo</td>
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<tr>
<td>Clinical Information Specialists</td>
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# Building an Engaged Network of Health System Solutions

| Active - Committed or actively participating in planning, design, development, piloting |
| Engaged & Interested - Engaged in multiple conversations and/or in the process of being Active |

| Brigham and Women’s Hospital | The Ohio State University | Oncoclinicas |
| City of Hope | The University of Chicago Medicine | Taiwan Cancer Registry |
| Dana Farber Cancer Institute | ThedaCare | Netherlands Cancer Registry |
| Duke University | Trinity Health | UC Los Angeles |
| Heartland Cancer Research | UNC Lineberger Comprehensive Cancer Center | | |
| Massachusetts General Hospital | University of California San Francisco | | |
| Mayo Clinic | University of Michigan | | |
| MD Anderson Cancer Center | University of Pennsylvania | | |
| Metro-Minnesota Community Oncology | University of Texas Southwestern | | |
| Missouri Baptist | Veterans Health Administration | | |
| Northwell Health | Virginia Commonwealth University | | |
| Rush University Medical Center | Washington University in St Louis | | |
| Saint Joseph Mercy Health System | | | |

## Scaling through Industry Implementations

| CancerInsights | Elsevier | Jitterbit | NeuralFrame | Roche | TrialJectory |
| Cerner | Epic | MassiveBio | Nuance | Semedy | Varian |
| Clinical Pipe | Flatiron | Mettle Solutions | PatientLink | Syntropy | Wemedoo |
| Elekta | IQVIA | Microsoft | Pfizer | Trial Scope | |
Join Us for the

Birds of a Feather

Today - January 18, 2022

5:30 – 7:00 PM CT
6:30 – 8:00 PM ET

https://www.hl7.org/codex/
https://confluence.hl7.org/display/COD/CodeX+Home
Tuesday

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- CEO Report
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- FHIR Accelerator: Da Vinci
- Key Announcements
Da Vinci

Key Projects

- **Risk Adjustment (RA)**
  - Jan22 Ballot Reconciliation
  - Led 3 Connectathons/Testing event tracks
- **Patient Cost Transparency (PCT)**
  - Jan22 Ballot Reconciliation
  - Success at Connectathons: GFE -> AEOB
- **Burden Reduction (CRD/DTR/PAS)**
  - STU2 Work, prepping for early May Ballot
- **Payer Data Exchange (PDex)**
  - STU2 Early May Ballot,
  - Highlight: Payer to Payer Prior Auth;
- **PDex Directory/Plan Net**
  - Publish v1.1.0 (STU Update)
  - Highlight: Provider Status, Add/Remove
- **PDex Formulary**
  - STU2 Jan22 Ballot Reconciliation
  - Highlight: Structural Improvements
- **Member Attribution List**
  - Phase 2 Work Complete - Add/Change Members, additional scenarios – Foundational IG.
  - Testers / Implementations Welcome!
- **Clinical Data Exchange (CDex)**
  - STU1 publication post Ballot
  - Signatures, Work Queues, Draft Unsolicited Push of clinical Data


Milestone Dates

**Expected “early May” offcycle 2022 Ballots**

- Payer Data Exchange (PDex) STU2
- Coverage Requirements Discovery (CRD) STU2
- Documentation Templates and Payer Rules (DTR) STU2
- Prior Authorization Support (PAS) STU2

**Expected Publications**

- HRex - expected Feb/Mar 2022
- CDex - expected Feb/Mar 2022
- PDex Plan Net STU 1.1.0 Update- expected 11/21


Resources

- [Da Vinci Welcome](#)
- [Da Vinci Calendar](#)
- [Da Vinci Implementer Support Page](#)
- [January 2022 WGM – Where will Da Vinci Be?](#)

Join Us: [Birds of a Feather – Da Vinci](#) Today (Tues 1/18) Q5
Tuesday

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Key Announcements

Mary Ann Boyle

HL7 Director of Meetings
Navigating Whova

• Meetings are broken into Quarters:
  • Q1 9-10:30am, Q2:11-1230pm, Q3: 1:30-3:00pm, Q4: 3:30–5:00pm
  • Q5: 5:30-7:00pm
    • 10:30-10:55 chair yoga
    • 3:00-3:30 cookie break

• For technical assistance contact WGMHelpDesk@HL7.org or use the Ask the Organizers Anything link in the Community section of Whova

• General Session recordings will be available in Whova within 48 hours
Navigating Whova

- Check the schedule on Whova and be sure to view in your local time zone
- Refresh your screen every so often for the most up to date information
- Search by Work Group, Speaker or Filter by Track
- To ask questions during your session use the chat in Zoom
- Network with other attendees in the Community section
- Visit our Sponsor FEvIR Platform in the Exhibitor section
- Come see us at Cookie Break for more ways to Network with attendees
WOMEN OF HL7 REVEAL!
This female leader…

- Got paid to witness autopsies in her teens
- Travelled 90+% of her work time for most of her 20’s; has only left the US for Canada and Mexico
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- Certified Toastmaster and won several awards as a speech evaluator
- Mother of two adult children in the autistic spectrum

Linda Michaelsen
Women of HL7 REVEAL! #2

This female leader…

- Participated in three Guinness World Records!

- High school graduating class included an Olympic gold medalist and a long-standing member of the Grand Ole Opry.

- Competed in a dragonboat race at the 2010 San Francisco International Dragonboat Festival – the largest in the US.

Davera Gabriel
This female leader…

- Is a fine art painter
- A foster parent
- And a beginner ballroom dancer

Ioana Singureanu
Women of HL7 REVEAL! #4

This female leader...

- Likes getting fix-it projects done
- Is pretty handy at driving a tractor
- Loves riding horses with my granddaughters
- Manages several rental properties
- Likes to go rock climbing and hiking

Riki Merrick
Women of HL7 Contest Winners

- First to guess Linda: Alix Goss
- First to guess Davera: Becky Gradl
- First to guess Ioana: Melva Peters
- First to guess Riki: Daniel Rutz

Congratulations! You have all won a complimentary registration for the Virtual May WGM and $50 in HL7 Swag!
Thanks to Our Sponsor

FEvIR Platform

Gold Sponsor
Have a great day!

Tuesday, January 18, 2022
January Working Group Meeting

Virtual Event

Wednesday, January 19, 2022
Welcome

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HL7 Executive Director
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Guess who? Women of HL7

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- GOOD LUCK!
Women of HL7: #1

This female leader…

- Grew up in Paris
- Has visited over 60 countries
- Speaks 4 languages
- Is a licensed attorney
- Is a mom of twin toddlers
Women of HL7: #2

This female leader...

- Took a month sabbatical from work and visited 10 countries in Europe
- Was 34 years old when she got her very first pet (a shih poo named Black Bart)
- Was considered elderly when she had each of her 3 kids
- For every flat tire she has had, her father turns the bent-up rim into an end table
- Can’t sing or dance. Was told to sing quieter in college. No wedding reception dances either.
Women of HL7: #3

This female leader…

- Was the 1990 Natural International body building champion in Japan
- Loves to cook (classic and of the cuff dishes); Italian is her favorite
- First car was a VW Bug
- Was born in New York City
Women of HL7: #4

This female leader…

- Is an Archer, shooting barebow
- Has a black belt in Taekwon-do
- Her family has a black cat named Susie
Guess who? Women of HL7

POLLS ARE OPEN!
GOOD LUCK!
Wednesday

- CSDO & TSC Report
- CSIO & DCSIO Report
- International Council Report
- FHIR Accelerator: Vulcan
CSDO & TSC Report

Daniel Vreeman, DPT
Chief Standards Development Officer

Austin Kreisler
TSC Chair
CSDO Update

January 2022 Work Group Meeting

Daniel J. Vreeman, PT, DPT, MS, FACMI
Chief Standards Development Officer
Hi, I’m Dan

Physical therapist, biomedical informatician, standards aficionado

Unusual, I know.

Conversation starter: brighter tomorrows through education
EVERYONE IS WELCOME
Indeed, one might say that as an innovation is successful, it redefines the landscape in which it has emerged, assuring that its immediate success is short-lived even as the foundation has been laid to take on new challenges.
TSC Report

January 2022

Austin Kreisler
austin.j.Kreisler@leidos.com
29 Work Groups qualify for Gold Stars this cycle!

17 Work Groups had perfect WG Health for the past year!

Upcoming PSS and NIB Deadline Dates for Future Ballot Cycles

- All deadline dates can be seen on the new Balloting, Content Submission, Voting, and Working Group Meeting Schedules on Confluence at:
  - https://confluence.hl7.org/display/HL7/HL7+Calendars

- **February 4, 2022** - Submit Work Group Approved PSS to the PMO for September 2022 Ballot Cycle

- **February 20, 2022** - NIB Deadline for May 2022 Ballot
TSC Personnel Changes for 2022

- Retiring – Wayne Kubick (CTO)
- Individuals rolling off the TSC
  - Paul Knapp
  - Tony Julian
- New TSC Vice Chair – Jean Duteau
- New TSC Members
  - Dan Vreeman (CSDO)
  - Abdul-Malik Shakir
  - Gora Datta
  - Rick Geimer
Wednesday

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- CSIO & DCSIO Report
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Wednesday

CSIO & DCSIO Report

Dr. Viet Nguyen
Chief Standards Implementation Officer

Diego Kaminker
Deputy Chief Standards Implementation Officer

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Our Mission

Help communities to discover, access, and understand the specs, and test the implementations. or... CLOSE THE CHASM BETWEEN HL7 SPECIFICATION AND IMPLEMENTATION*

Aligned with the five principles for Re-Envisioning HL7

Focus: Initially, on FHIR + bridging HL7 V2.x/CDA R2 to FHIR

Agility: from the requirements to the wire, as fast as possible with the right amount of rigour/QA. Close collaboration with the SDD.

Global Relevance: Our perspective will begin and remain global. Each SID program need to be adapted and/or adopted locally by national affiliates or multilateral organizations

Sustainability: The SID will be self-sustainable. If possible, each SID program will be self-sustainable. Nothing is free.

Community: Hearing the voice of our community inside HL7, but always trying to expand to new stakeholders all along the spiral. Our mandate is: “LISTEN TO THEM FIRST!”

* Yes, there is a chasm. “But...I have a friend who is an implementer!” Believe us; there is a chasm!
Our Vision: How to Close the Chasm

The Evolution of the HL7 Specification

<table>
<thead>
<tr>
<th>Year</th>
<th>Description</th>
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<tbody>
<tr>
<td>1990</td>
<td>PDF, Paywall, No Examples</td>
</tr>
<tr>
<td>2000</td>
<td>HTML, Paywall, Some Examples, SME Oriented</td>
</tr>
<tr>
<td>2015</td>
<td>HTML, Open &amp; Free, Scarcely Examples, Community Oriented</td>
</tr>
<tr>
<td>2020</td>
<td>HTML, Open &amp; Free, Mandatory Valid Examples, Reference Implementations Optional, Isolated Sandboxes, Community Oriented</td>
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SID VISION
- HTML
- Open, Free
- Mandatory Valid Examples
- Reference Implementations Required
- Integrated Sandbox (Ecosystem)
- Community Oriented
- End User Friendly Point-of-Entry
How to Achieve HL7’s Mission and Vision

Our aim is to create a cohesive set of programs - we call them ‘VALUE PROPOSITIONS’ and will launch them in phases, beginning in Q1 2022

Note: The list of programs and staging priority is still under evaluation

Most of them are evolutions of what we are already doing...to some degree

- **EDUCATION PROGRAMS** (Certification Testing, Credentialing, Partnering)
- **REFERENCE IMPLEMENTATION PROGRAMS** (Dynamic/Continuous API Tests -beyond examples and Connectathons, Sandbox -> Ecosystem)
- **IMPLEMENTATION PROGRAM MANAGEMENT** (Accelerators, IG QA Stamping)
- **GOOD PRACTICES PROGRAMS** (Playbooks “from the spec to the wire”, Cybersecurity)
- **COMMUNITY OUTREACH PROGRAMS** (Access and Discovery of the Specs, Proactive outreach of specific stakeholders, Special Events)

Our view is holistic

- To achieve success every implementation project will surely need some combination of these services, but we do not want to choke the market.
- Organizations should have a path for progressive adoption of these programs.

We understand that HL7 cannot launch everything at the same time
Progress to Date

• In the last 2-3 months we’ve met to define some key points
  • The methodology for **developing the value proposition** (Tools and process)
  • **Relationship** between the SID and SDD (incl. meetings with Dan Vreeman)
  • **Scope of work** (with invaluable help from the Focus group)
  • How to get **feedback from the community**. Not as much as we wanted because of the ‘search process’ and ‘sensitivity of the announcements’ delay.
    • We received dozens of emails from different vendors and stakeholders, and questions in every HL7 meeting we participated on.
  • **We will be free to openly talk...and then listen, after this week’s BOD meeting and further communications.**
  • Advancing ongoing projects (**Education Programs, Ecosystem RFI**)
Developing our Business Model: Strategy

Our process: apply this model and tooling to each one of our programs before prioritizing and launching.
Timeline

• 2022-Q1
  • Initiate and oversee activities that have begun (e.g. Initial ecosystem components, Education programs)
  • Community engagement to elaborate on the services of the division
  • Develop financial model

• 2022-Q2
  • Continue to implement and grow activities from Q1 as articulated and prioritized by the community
  • Document organizational, operational and financial model
2022 Q1

- **Ecosystem**: 
  - Ecosystem RFI and engage community and vendors
  - Sandbox transfer and continuity
  - Establish funding and sustainment model, governance

- **Program Management Services**: for Helios and FAST

- **Education**: Certification/Credentialing/Partnerships

- **Outreach**: Evaluation of Marketing and Communications

- **Community Engagement**: to elaborate the remainder SID programs and a long-term financial model
2022 Q2

- Transform input from Q1 and document plan with financials
- **Ecosystem** - Implement governance, add components, plan pilots
- **Program management**
  - Establish services for Accelerators
  - Plan menu of services offered to broader community
- **Education**
  - Establish partnership programs with member, academic, professional and industry orgs
- **Outreach**
  - Reinvigorate established relationships and promote new services
  - Identify additional communities for engagement
- Deliver SID Plan and financial model by end of 2022Q2
Thank you!

Viet and Diego
Wednesday

- CSDO & TSC Report
- CSIO & DCSIO Report
- International Council Report
- FHIR Accelerator: Vulcan
International Council Report

Line Saele

Chair, HL7 Norway
Co-Chair, HL7 International Council
International Council Update

HL7 WGM
January 19, 2022

Line A. Saele
HL7 International Council Co-Chair
Chair HL7 Norway
There are 40 HL7 International Affiliates represented on the International Council.
Every Affiliate signs a binding Affiliate Agreement
- 20% of annual affiliate revenue goes to HL7 International
- International Council has 1 voting member per Affiliate
- Each affiliate gets 1 vote on HL7 International Ballots per 10 affiliate members

2 International Affiliate Directors on the HL7 Board

Affiliate Due Diligence Committee
- On-boarding & engaging with lapsing Affiliate members

Approximately 40 Affiliate members hold WG Co-Chair or Facilitator positions within HL7
Since last WGM, one Virtual IC meeting on Nov 17\textsuperscript{th}
- 5 virtual meetings a year alternating across international time zones
- Next meeting January 26\textsuperscript{th}
- Updates on Affiliate perspectives of the HL7 Re-envisioning Task Groups
  - Re-envisioning will impact HL7 Affiliate agreements for 2022 - 2023
  - Existing Affiliate Agreements rolled over 1 more year
- Global Advocacy Strategy – Policy Advisory Committee (PAC)
  - To engage in conversations with Policy Makers on a Global Scale
- Next out-of-U.S. HL7 international meeting likely in 2023
THANK YOU!
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FHIR Accelerator: Vulcan
Hugh Glover
Technical Director

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Vulcan Update

19th January, 2022
Clinical Research is not Clinical Care

Goals of Vulcan

- **BRIDGE EXISTING GAPS**
- **STRATEGICALLY CONNECT COLLABORATORS**
- **MAXIMIZE COLLECTIVE RESOURCES**
- **DELIVER INTEGRATED TOOLS AND SOLUTIONS**
Current Member Organizations of Vulcan

- accenture
- ACRO
- cdisc
- CitiusTech
- CROHN'S & COLITIS FOUNDATION
- Duke University School of Medicine
- Epic
- FDA
- gsk
- HL7 International
- Infor
- InterSystems
- Johns Hopkins School of Medicine
- medidata
- Medtronic
- MITRE
- National Cancer Center Hospital East
- NIH National Center for Advancing Translational Sciences
- NIH U.S. National Library of Medicine
- oracle
- Oregon Health & Science University
- Parexel
- Pfizer
- phuse
- Roche
- SCORM Society for Clinical Data Management
- TransCelerate Biopharma Inc.
- UAMS
- UiO: University of Oslo
- UT Health San Antonio
- Vanderbilt University
- Verily
- WCG

★ indicates a convening member of Vulcan

Last updated 3 Jan 2022
## Current Projects

<table>
<thead>
<tr>
<th>Schedule of Activities (SoA)</th>
<th>Represent the schedule of activities in FHIR from a spreadsheet. Enable the consistent description, timing and identification of each activity in a study</th>
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<tbody>
<tr>
<td>Real World Data (RWD)</td>
<td>Extract data from EHRs in a standardized format to support clinical research and especially submission to Regulators</td>
</tr>
<tr>
<td>Electronic Product Information (ePI)</td>
<td>Define a common structure for product information (monographs) that supports cross-border exchange of data for patients. (An EU Project)</td>
</tr>
<tr>
<td>Adverse Events (AE)</td>
<td>Support standardizing the reporting and format of an adverse event. Improve the maturity of the relevant FHIR resources.</td>
</tr>
</tbody>
</table>

## Discovery Project

<table>
<thead>
<tr>
<th>OMOP</th>
<th>Support the development of FHIR to OMOP data transfer for better analysis of clinical data for research</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample data</td>
<td>Develop sets of sample data to support the Vulcan projects</td>
</tr>
</tbody>
</table>
Use Case Proposals

• Vulcan actively seeks new use case proposals – contact us at Vulcan@HL7.org or use the form shown here

• Form is at: https://confluence.hl7.org/display/VA/Vulcan+Use+Case+Submission+Form

• Proposals are initially considered by the Project Management Office and we may seek further input from you, particularly if the suggestion appears to overlap with an existing proposal.

• New proposals are then discussed at an Operations Committee meeting and may be recommended to the Steering Committee.

• Adoption of new projects depends on priority and availability of resources.
Vulcan Server

Welcome to Vulcan

About Vulcan

The vision for an Accelerator dedicated to connecting clinical research and healthcare was solidified in September 2019 by a group of invested representatives from government agencies, academia, technology companies, standards development organisations, patients, and industry consortia. Vulcan brings together

APIs

01 Patient Kirk

Create/update patient details

madryn

Networking:

madryn

madryn

madryn

madryn

madryn

madryn

madryn
Looking Forward

- Technology Forum
- Vulcan Deep Dive
- Round Tables
To learn more or to get involved, please visit our website (HL7.org/Vulcan),
our HL7 Confluence page,
or email us at Vulcan@HL7.org
Thank you!
WOMEN OF HL7 REVEAL!
Women of HL7 REVEAL! #1

This female leader…

- Grew up in Paris
- Has visited over 60 countries
- Speaks 4 languages
- Is a licensed attorney
- Is a mom of twin toddlers

Celine Lefebvre
Women of HL7 REVEAL! #2

This female leader…

- Took a month sabbatical from work and visited 10 countries in Europe

- Was 34 years old when she got her very first pet (a shih poo named Black Bart)

- Was considered elderly when she had each of her 3 kids

- For every flat tire she has had, her father turns the bent-up rim into an end table

- Can’t sing or dance

Michelle Miller
This female leader…

- Was the 1990 Natural International body building champion in Japan
- Loves to cook (classic and off the cuff dishes); Italian is her favorite
- First car was a VW Bug
- Was born in New York City

Christol Green
Women of HL7 REVEAL! #4

This female leader…

- Is an Archer, shooting barebow
- Has a black belt in Taekwon-do
- Her family has a black cat named Susie

Line Saele
Women of HL7 Contest Winners

First to guess Celine: Carol Macumber
First to guess Michelle: no one! Michelle wins!!!
First to guess Christol: Sandy Stuart
First to guess Line: Roel Barelds

Congratulations! You have all won a complimentary registration for the Virtual May WGM and $50 in HL7 Swag!
Don’t miss the virtual reception tonight at 5:15 CST!

Join us for a toast (not roast) to CTO Wayne Kubick who is retiring from HL7 and a returning Music Guest!
Thanks to Our Sponsor

FEvIR Platform

Gold Sponsor
Have a fabulous day!

Wednesday, January 19, 2022
January Working Group Meeting

Virtual Event

Thursday, January 20, 2022
Welcome
Mark McDougall
HL7 Executive Director
GUESS WHO? WOMEN OF HL7
Each morning, we will share fun facts about some of the women leaders from HL7.

We’ll do 4 each day, 3 on Friday. They will be numbered, pay attention!

Polls are NOW OPEN in Whova.

The first to correctly guess each woman leader will win a complimentary registration for the Virtual May WGM and $50 in HL7 Swag!

Winners will be announced at the end of the general session each day.

GOOD LUCK!
This female leader…

- Was a majorette in high school
- Was a member of the all-women, winning team of a bowling tournament
- Buried a time capsule at the end of the railroad tracks in her hometown
Women of HL7: #2

This female leader...

- Was at Candlestick Park when the 1989 earthquake hit the San Francisco Bay Area

- Played high school field hockey

- Enjoys creating homemade olive oil infusions
Women of HL7: #3

This female leader…

- Was deployed as part of a 45-person clinical team to natural disaster sites such as Hurricane Superstorm Sandy and Hurricane Harvey
- Did helicopter training with the National Disaster Medical System (NDMS)
- Volunteers with the local fire department
- Donates her hair to Locks of Love every few years
- Has always owned a black cat
Women of HL7: #4

This female leader…

- Led student protests as a teenager during citywide school strikes (wanted to go back to school)

- Delivers the children's message and works with youth at church

- Has a weird talent of creating costumes for any occasion from odds and ends
Guess who? Women of HL7

POLLS ARE OPEN!
GOOD LUCK!
Thursday

- FHIR Accelerator: Argonaut
- FHIR Accelerator: Gravity
- FHIR Accelerator: CARIN Alliance
- FHIR Accelerator: FAST
- FHIR Accelerator: Helios
FHIRE Accelerator:
Argonaut
Brett Marquard
Project Manager and SME
Argonaut Project Timeline

JASON Task Force Recommendations

Oct 2014

Call to action for APIs and FHIR

Dec 2014

Launch of Argonaut Project

Oct 2015

EHR certification includes API requirement

Dec 2016

S&I Initiative Data Access Framework

Jun 2017

Data Query Implementation Guide published

May 2018

CDS Hooks Implementation Guide

Nov 2019

Argonaut R4 + Clinical Notes + Provenance added to US Core!

2020 and beyond

Bulk Data

SMART on FHIR Granular Controls

Patient Lists

FHIR Write

USCDI v2 Design

Provider Directory Implementation Guide published

Clinical Data Subscriptions
Prior Initiatives

- SMART on FHIR support
- Data Query and Document Query
- Provider Directory
- Scheduling
- CDS Hooks support
- Bulk Data
- Questionnaire and Questionnaire Response
- Clinical Provenance
- SMART Web Messaging
- Clinical Data Subscriptions
- US Core Argonaut R4 - USCDI
- SMART on FHIR Granular Controls
- Patient List
- FHIR Write
Argonaut 2022

2022 Project Prioritization
- 19 projects were proposed and discussed
- 10 projects have formal ‘pitches’ and are under final review
- New projects (2-3) expected to launch in February

2021 Project Wrap-up

Subscriptions
- Promote adoption of the Subscription framework (R4 & R5)
- Support any final edits to support FHIR R4
- Build out testing and reporting

FHIR Write
- Executive Summary of Outcomes
- ‘FHIR Write’ is too broad of a project, considering a specific ‘write blood glucose’ or ‘weight’ in 2022

January 2022 Ballots
- Provide input into US Core

May 2022 Ballots
- None Planned

Future
- Consider balloting of FHIR write
- USDCI v3 design session September 2022
Participation

How to Participate
• Review existing designs and comment using HL7 JIRA
• Zulip Chat Channel - Argonaut
• Argonaut Confluence Page

Contacts
• Gino Canessa
• Dan Gottlieb
• Eric Haas
• Josh Mandel
• Brett Marquard
Thursday

- FHIR Accelerator: Argonaut
- **FHIR Accelerator: Gravity**
- FHIR Accelerator: CARIN Alliance
- FHIR Accelerator: FAST
- FHIR Accelerator: Helios
Thursday

FHIR Accelerator: Gravity

Lenel James
Payer Advisor
Consensus-driven Standards on Social Determinants of Health

General Session
January 20th, 2021
Project Scope

Develop, test, and validate standardized SDOH data for use in:

- patient care
- care coordination between health and human services sectors
- population health management
- public health
- value-based payment, and
- clinical research.

Gravity Project Scope: Develop data standards to represent patient level SDOH data documented across four clinical activities: screening, assessment/diagnosis, goal setting, and treatment/interventions.
Gravity Overview: Two Streams

Terminology (SDOH Domains)
- New Code Submissions
- Coding Gap Analysis & Recommendations
- Data Set Identification
- Publication in NLM VSAC & ONC ISA

Technical (HL7 FHIR)
- FHIR IG Ballot & Publication
- FHIR IG Testing
- FHIR IG Development
- Community & FHIR Coordination

CODED VALUE SETS
Interoperability Glide Path: Domain Data Sets & Implementation Guides

SDOH Data Sets

- Food Insecurity
- Food Deserts
- Housing Instability
- Homelessness
- Inadequate Housing
- Education
- Transportation Insecurity
- Financial Insecurity
- Material Hardship
- Intimate Partner Violence (IPV)
- Elder Abuse
- Stress
- Social Connection
- Veterans

Develop and test coded value sets for use in FHIR
Refine, test, and ballot HL7® FHIR® SDOH Implementation Guide

Regulators
EHR Vendors
Payers & Providers
Patients
Clinicians
Registries/Researchers

http://www.hl7.org/about/fhir-accelerator/
SDOH Clinical Care FHIR Implementation Guide

1. The SDOH Clinical Care IG is a framework Implementation Guide (IG) and supports multiple domains

2. The IG supports the following clinical activities
   - Assessments
   - Health Concerns / Problems
   - Goals
   - Interventions/ Referrals
   - Consent
   - Aggregation for exchange/reporting
   - Exchange with Patient/Client applications
   - Draft specifications for Race/Ethnicity exchange

3. Published August 5, 2021 as a Standard for Trial Use Level 1 (STU1)

4. STU2 Ballot closed on 1/10/22

Results from the January SDOH Clinical Care IG STU2 Ballot

• Results of ballot
  • Affirmative 66
  • Negative 23
  • Abstain 46
  • No Vote 48
  • Total 183

The ballot had 74.2% affirmative votes and exceeded the 60% threshold required to publish as an STU

• Ballot comments submitted
  • Total ballot comments: 100
  • Total technical corrections, comments and questions: 27
  • Total comments regarding Race/Ethnicity: 30

The ballot reconciliation process will start on public calls on started on 1/26/2022 and is expected to continue until the end of April.
Thursday

- FHIR Accelerator: Argonaut
- FHIR Accelerator: Gravity
- FHIR Accelerator: CARIN Alliance
- FHIR Accelerator: FAST
- FHIR Accelerator: Helios
Thursday

FHIR Accelerator:
CARIN Alliance

Mark Roberts
Associate
2021-22 CARIN IGs
2021/22 status of the CARIN HL7 IGs

1) CARIN IG for Blue Button®

Purpose: This implementation guide describes the CARIN for Blue Button® Framework and Common Payer Consumer Data Set (CPCDS), providing a set of resources that payers can display to consumers via a FHIR API to meet part of the CMS requirements related to the Patient Access API.

Latest update: STU1 published in November 2020. Minor technical corrections were published in early July 2021 as STU1.1.0. We will ballot STU2 in January 2022. Publication in Q2/Q3 2022. At the September HL7 Connectathon a number of clients and servers successfully connected and exchanged the oral and vision types for the first time. Implementers also successfully tested at the November CARIN testing event and January HL7 Connectathon. We are currently working to review and respond to tickets submitted as part of the January ballot.

2) CARIN IG for Consumer-facing Real-time Pharmacy Benefit Check

Purpose: Provide a patient with real-time pharmacy information associated with their benefit and formulary information, out of pocket costs, therapeutic alternatives, and cash price options.

Latest Update: Published the IG in August 2020. Will be testing with the 5 major PBMs in early 2022 after they’ve built out their support for FHIR by 7/1.

3) CARIN IG for Digital Insurance Card

Purpose: This guide will develop artifacts (FHIR implementation guides, code mappings, reference implementations, etc) to enable the digital exchange and digital rendering of the elements found on a person’s physical insurance card. The primary use case is to support insurance members who wish to retrieve their proof of insurance coverage digitally via a consumer-facing application. Images, barcodes, and QR codes from the physical card will be considered as optional fields for representation within FHIR, but these elements will be optional and up to the implementer to decide whether they want to provide them. The scope of this IG does NOT address eligibility checks between health providers and the insurance company.

Latest update: The draft STU1 IG is now live, and we are currently working to review and respond to tickets submitted as part of the January ballot. Publication in Q2/Q3 2022. Implementers successfully tested at the November CARIN testing event and some testing of the Touchstone test scripts occurred at the January HL7 Connectathon.
Thursday

- FHIR Accelerator: Argonaut
- FHIR Accelerator: Gravity
- FHIR Accelerator: CARIN Alliance
- **FHIR Accelerator: FAST**
- FHIR Accelerator: Helios
Thursday

FHIR Accelerator: FAST

Alex Kontur
Public Health Analyst
FAST Update
January 2022 HL7 WGM
# FAST Transition Workgroup

<table>
<thead>
<tr>
<th>Stakeholder</th>
<th>Representatives</th>
</tr>
</thead>
<tbody>
<tr>
<td>ONC</td>
<td>Alex Kontur, ONC FAST Lead</td>
</tr>
<tr>
<td>CMS</td>
<td>Alex Mugge, CMS HIIG or designee</td>
</tr>
<tr>
<td>HL7</td>
<td>Chuck Jaffe, CEO&lt;br&gt;Wayne Kubick, CTO&lt;br&gt;Daniel Vreeman, Chief Standards Development Officer&lt;br&gt;Viet Nguyen, Chief Standards Implementation Officer</td>
</tr>
<tr>
<td><strong>FAST Leadership</strong></td>
<td>Patrick Murta, <em>FAST</em> Chief Architect&lt;br&gt;Paul Oates, <em>FAST</em> Chief Architect&lt;br&gt;Bob Dieterle, <em>FAST</em> Coordinating Committee Member, DVS Tiger Team Co-Lead&lt;br&gt;Alix Goss, <em>FAST</em> ESC Member, DVS Tiger Team Co-Lead&lt;br&gt;Ashish Atreja, <em>FAST</em> ESC Member&lt;br&gt;Lenel James, <em>FAST</em> ESC Member&lt;br&gt;Deepak Sadagopan, <em>FAST</em> ESC Member&lt;br&gt;Hans Buitendijk, <em>FAST</em> ESC Member</td>
</tr>
<tr>
<td><strong>Workgroup PM Support</strong></td>
<td>Dana Marcelonis, <em>FAST</em> PM Support</td>
</tr>
</tbody>
</table>
Form a small, cross-stakeholder team to build the plan
Define scope of FAST as Accelerator
Develop Accelerator governance framework
Define Accelerator operating model
Develop Accelerator funding model
Develop communications plan
• Develop initial financial plans
• Recruit initial members
• Establish initial PMO
• Begin transition process

FAST will continue the work already in progress through transition
Membership Value

Drive cost-effective interoperability to achieve the triple aim (cost, quality, outcomes)

Lead Strategy & Decision-Making
- Prioritize projects and use cases
- Drive what becomes the standard and how they are implemented

Provide Industry Thought Leadership
- Position yourself and your organization as an industry thought leader

Gain Efficiencies
- Save money by minimizing the need across industry stakeholders to repeatedly address common implementation barriers encountered in most projects
- Scalable FHIR solutions leads to more ubiquitous FHIR adoption to support real-time, secure data exchange between the right stakeholders at the right time

Learn more about FAST Membership by emailing FAST@hl7.org
Security (Authenticate/Authorize)
UDAP Trusted Dynamic Client Registration - UDAP Tiered OAuth User Authentication - UDAP JWT-Based Client Authentication - UDAP JWT-Based Authorization Assertions

Exchange Routing
RESTful Headers – FHIR Meta Tags

Intermediaries

Identity
Collaborative/Mediated Patient Matching – Collaborative/Mediated Identity Management

National Directory
Endpoints – Profiles – Versioning – Trust – Conformance

CONFORMANCE & CERTIFICATION (Testing & Certification Program)

PILOTS (FAST Capability Vetting with Existing HL7 Accelerators)
# FAST Ballot & Testing Status

<table>
<thead>
<tr>
<th>Implementation Guide</th>
<th>Ballot Date</th>
<th>Ballot Reconciliation</th>
<th>Publish STU</th>
<th>Connectathons</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FAST: Interoperable Digital Identity &amp; Patient Matching</strong></td>
<td>May 2022</td>
<td>Q2-Q3 2022</td>
<td>TBD</td>
<td><a href="#">2021-01 FAST Security &amp; Identity</a></td>
</tr>
<tr>
<td><strong>FAST: Security for Scalable Registration, Authentication, and Authorization</strong></td>
<td>September 2021</td>
<td>In Progress</td>
<td>Q1 2022</td>
<td><a href="#">2021-01 FAST Security &amp; Identity</a></td>
</tr>
<tr>
<td><strong>FAST: Hybrid/Intermediary Exchange</strong></td>
<td>January 2022</td>
<td>Q1 2022</td>
<td>TBD</td>
<td><a href="#">2021-01 FAST – Hybrid/ Intermediary Exchange</a></td>
</tr>
</tbody>
</table>
### Simple Ways to Join FAST’s Ongoing Work

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>• HL7 Project page <a href="https://confluence.hl7.org/display/FHIR/FHIR+at+Scale+%28FAST%29%3A+Exchange+with+or+without+Intermediaries">https://confluence.hl7.org/display/FHIR/FHIR+at+Scale+%28FAST%29%3A+Exchange+with+or+without+Intermediaries</a></td>
<td>• HL7 Project Page <a href="https://confluence.hl7.org/display/SEC/FAST%3A+Scalable+Registration%2C+Authentication%2C+and+Authorization+for+FHIR%2CEcosystem+Participants">https://confluence.hl7.org/display/SEC/FAST%3A+Scalable+Registration%2C+Authentication%2C+and+Authorization+for+FHIR%2CEcosystem+Participants</a></td>
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<td>• HL7 Project Page <a href="https://confluence.hl7.org/display/PA/Interoperable+Digital+Identity+and+Patient+Matchin+g+Capabilities">https://confluence.hl7.org/display/PA/Interoperable+Digital+Identity+and+Patient+Matchin+g+Capabilities</a></td>
</tr>
</tbody>
</table>
| • Public meetings the 1st and 3rd Tuesdays each month from 1-2 PM ET [https://global.gotomeeting.com/join/262996117](https://global.gotomeeting.com/join/262996117) | • Public meetings the 2nd & 4th Tuesdays each month at 2PM ET [https://global.gotomeeting.com/join/784708421](https://global.gotomeeting.com/join/784708421) | • Public meetings:  
  • Mondays at 3pm ET [https://zoom.us/j/98517334633](https://zoom.us/j/98517334633)  
  • Thursdays at 11 am ET [https://zoom.us/j/98424232906?pwd=dHV0T2hrN3o1Q1NQVTNHaTVaQURSQT09](https://zoom.us/j/98424232906?pwd=dHV0T2hrN3o1Q1NQVTNHaTVaQURSQT09) | • Public meetings the 1st and 3rd Thursdays each month at 2PM ET [https://global.gotomeeting.com/join/919790117](https://global.gotemeeting.com/join/919790117) |
Want to learn more about becoming a member of the FAST HL7 FHIR Accelerator?

Contact fast@hl7.org

CONTINUE THE CONVERSATION!

• JOIN THE LINKEDIN GROUP
• EXPLORE FAST ACTION PLAN

All content is available on the FAST Project Page or https://tinyurl.com/ONC-FAST
Thank you!

For more information on the FAST Initiative, visit the FAST Project Page

Have any further questions/suggestions?

Please contact fast@hl7.org
Thursday

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FHIR Accelerator: Helios
Craig Newman
Program Manager
Helios FHIR Accelerator

FHIR for Public Health
Increasingly, public health is being expected to process more data, much more quickly, from many more sources.

"We spend inordinate amount of time babysitting and doing QA on our data streams."

"We want to describe what’s happening in our community and efficiently target our efforts, but the data is too messy."

"We're not sure what our intervention shows because the data is so far behind."

"If we can’t answer the questions our executives have, they go elsewhere to get the information and pass up public health."

Manual Work

Messy Data

Out-of-Date Information

Turn to Alternatives
Enable a Culture of Continuous Evolution

Optimize what exists
Mobilize for what’s coming

Start small. Figure out what works in a public health context. Focus on delivering value faster.

Align public health with healthcare and the private sector. Be more intentional about when & how to pivot.

Address long standing pain points and deliver greater value. Make it easier for public health to adapt to changes in policy, technology, and the marketplace.
Helios: The FHIR Accelerator for Public Health

Promote Widespread Implementation

Helios is a multi-sector alliance that commits to develop, test, and support widespread implementation of FHIR APIs and FHIR applications that are compatible with US Core Profiles for the advancement of public health with a focus on exchanges with healthcare, other sectors, & the public.

Areas of Focus

Scalable exchanges with healthcare, the public, and other sectors beyond public health for high-priority, cross-cutting use cases such as breakthrough cases of COVID or prenatal, birth, and postpartum health outcomes.

Benefits

- Advance mutual interests across sectors.
- Make it easier for public health, providers and others to use FHIR to share data.
- Identify and overcome barriers to implementation through extensive real-world testing.
Need to Know About Helios

Short-term Milestones

- Documenting the Helios governance structure and membership model
- Select the initial Helios use cases

How Use Cases Will Be Decided

- Community ideas and needs will be translated into defined, achievable projects
- Recommendations from Helios Operating Committee and approved by the Helios Steering Committee

How Progress Will Be Communicated

- Dedicated WGM sessions, public webinars, HL7 listserv, Zulip, and of course the Helios Confluence page
- Become a Helios member and participate
- If you have a question, please don’t hesitate to ask! – Helios@hl7.org
WOMEN OF HL7 REVEAL!
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- Was a majorette in high school

- Was a member of the all-women, winning team of a bowling tournament

- Buried a time capsule at the end of the railroad tracks in her hometown

Carmela Couderc
Women of HL7 REVEAL! #2

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Women of HL7 Contest Winners

- The first person to guess Carmela: DiDi Davis
- First to guess Juliet: Reuben Daniels
- First to guess Suzanne: no one! Suzanne wins!!!
- First to guess Virginia: Brian Flynn

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FEvIR Platform

Gold Sponsor
Have a wonderful day!

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HL7 Executive Director
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- Winners will be announced at the end of the general session.
- GOOD LUCK!
Women of HL7: #1

This female leader...

- Has lived in the 4 corners of the country (and moved her oldest horse with each move) including Pennsylvania, Florida, Southern California and Oregon

- Owns a horse ranch in southern Oregon

- Knew she wanted to own a horse ranch out west back when she was in high school in Pennsylvania

- Her hometown outside Philly has 2 castles, many mansions and a private prep school from K through College
Women of HL7: #2

This female leader...

- Has twin daughters
- Coaches travel basketball
- Has an (un)healthy addiction to sour candy
- Was voted to have “Worst Case of Senioritis” in high school, which she contested…
This female leader...

- Was one of the few women first permitted to work at the Olympia Brewing Company production areas after a discrimination lawsuit was settled

- Worked at the Brewery during the summer to pay for college, but it paid so well at the time that she continued working there while her kids were young

- Worked her way up the ladder to become the Brewery’s first “cooler woman” – likely one of the first in the country – breaking a glass ceiling in non-traditional women’s work

- Was thrown a baby shower at the Brewery by a crew of foul-mouthed, sometimes misogynistic, yet usually fun-loving guys
POLLS ARE OPEN!
GOOD LUCK!
Friday

- Upcoming Education & Meetings
- Farewell Announcements
Friday

HL7 Education Report & Upcoming Meetings

Sadhana Alangar, PhD
HL7 Director of Education
Agenda

- Listening Session Feedback & Follow-Up
- 2022 Online Synchronous Classes
- 2022 Asynchronous (Self-Paced) Classes
- 2022 Seminar Series
- Certified Educator Program
- Education Advisory Council
- Upcoming Meetings
Listening Session Feedback

- Low cost online asynchronous and self-paced courses
- Courses with a more reasonable pricing structure
- More Affiliate involvement in standards development process
- More training and educational courses for Affiliates
- Train the trainer program
- Help transitioning from V2 to FHIR
Listening Sessions

- Affiliates can offer HL7 International’s asynchronous courses
  - HL7 Fundamentals, HL7 FHIR Fundamentals & HL7 FHIR Intermediate
- All courses – 20% discount to Middle Income Countries & 40% discount to Low Income Countries
- HL7 Asynchronous courses – 5% of seats will be offered for free scholarships in Low Income Countries
2022 Education Catalog

- Visit HL7.org
- From Training tab on top
  Select Education Calendar
- Download the Education Catalog
## 2022 Synchronous Online Classes

<table>
<thead>
<tr>
<th>Course</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overview of HL7 Standards for Interoperability (3 hrs.)</td>
<td>Feb 2, 3</td>
</tr>
<tr>
<td>Applied FHIR for Designers (6 hrs.)</td>
<td>Feb 15, 16, 17</td>
</tr>
<tr>
<td>Clinical Quality Language (4.5 hrs.)</td>
<td>Mar 8, 9, 10</td>
</tr>
<tr>
<td>HL7 FHIR for Healthcare Information Analysts (16 hrs.)</td>
<td>Mar 28, 29, 31 &amp; Apr 1</td>
</tr>
<tr>
<td>FHIR Bootcamp (12 hrs.)</td>
<td>Apr 12, 13, 14</td>
</tr>
<tr>
<td>Applied FHIR for Software Developers (6 hrs.)</td>
<td>April 26, 27, 28</td>
</tr>
</tbody>
</table>

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2022 Asynchronous Courses

- HL7 Fundamentals – Feb 10, May 28, Sep 8
- HL7 FHIR Fundamentals – Mar 11, Jul 14, Oct 27
- HL7 FHIR Intermediate – Feb 17, Jun 2, Sep 15
- HL7 FHIR Exam Prep – Mar 3, Jun 16, Sep 29
- V2 to FHIR Conversion: Comprehensive Mapping Approach from V2 to FHIR (New)
2022 Seminar Series

- Asia Pacific Time Zone
- Recorded Lectures of synchronous online classes
- Live Q&A Session
- Example:
  - Feb: FHIR for Designers class in US ET
  - April: FHIR for Designers Q&A in ASPT
Certified Educators Program

- Recognizes educators who demonstrate excellence as both HL7 instructors and HL7 SMEs
- Accepting applications now
- Visit HL7.org
- From training tab on top
  - Select Certified Educator Program

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What’s the EAC Up To?

- Africa Outreach
- Credentialing Program
- Partnership with Universities
May 2022 Virtual Events in US Eastern Daylight Time

- HL7 FHIR Connectathon
  - May 2 – 4, Monday through Wednesday

- Working Group Meeting
  - May 9 –13, Monday through Friday
June 6-9, 2022
Huntington Convention Center
Cleveland, Ohio

- Monday through Thursday
- In-person and virtual format
2022 WGMs & FHIR Connectathons

September 17-23, 2022
Renaissance Harborplace Hotel
Baltimore, Maryland

- FHIR Connectathon
  - September 17-18
  - Saturday through Sunday

- 36th Annual Plenary & WGM
  - September 19-23
  - Monday through Friday
2023 WGMs & FHIR Connectathons

January 14-20, 2023
Hilton Lake Las Vegas Resort
Henderson, Nevada

- FHIR Connectathon
  - January 14-15
  - Saturday through Sunday

- WGM
  - January 16-20
  - Monday through Friday
2023 WGMs & FHIR Connectathons

May 6-12, 2023
Hilton New Orleans Riverside Hotel
New Orleans, Louisiana

- FHIR Connectathon
  - May 6-7
  - Saturday through Sunday

- WGM
  - May 8-12
  - Monday through Friday
Friday

- Upcoming Education & Meetings
- Farewell Announcements
WOMEN OF HL7 REVEAL!
Women of HL7 REVEAL! #1

This female leader...

• Has lived in the 4 corners of the country (and moved her oldest horse with each move)

• Owns a horse ranch in southern Oregon

• Knew she wanted to own a horse ranch out west back when she was in high school in Pennsylvania

• Her hometown outside Philly has 2 castles, many mansions and a private prep school from K through College

Gay Dolin
Women of HL7 REVEAL! #2

This female leader…

• Has twin daughters

• Coaches travel basketball

• Has an (un)healthy addiction to sour candy

• Was voted to have “Worst Case of Senioritis” in high school, which she contested…

Carol Macumber
Women of HL7 REVEAL! #3

This female leader…

- Was one of the few women first permitted to work at the Olympia Brewing Company production areas
- Worked at the Brewery during the summer to pay for college, and continued working there while her kids were young
- Worked her way up the ladder to become the Brewery’s first “cooler woman”
- Was thrown a baby shower at the Brewery by a crew of guys

Kathleen Connor
Women of HL7 Contest Winners

- First to guess Gay: Anne Smith
- First to guess Carol: Carmela Couderc
- First to guess Kathleen: Ward Weistra

Congratulations! You have all won a complimentary registration for the Virtual May WGM and $50 in HL7 Swag!
Friday

- Upcoming Education & Meetings
- Farewell Announcements
Don’t forget to fill out the survey to be eligible for drawings for $500 towards HL7 Education and Virtual Events!

https://www.surveymonkey.com/r/2022JANWGM
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FAREWELL!

Friday, January 21, 2022