



HIMSS 2023 Chicago  
HL7 WGM New Orleans

川崎医療福祉大学特任教授  
木村通男

# HIMSS APR 2023 Chicago HL7 ブース



Michio Kimura, MD. PhD, FACMI, MSCJ, Kawasaki Medical and Health University

# Interoperability Showcase



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# 伝統の、EHRブース



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# デバイス系



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# こんなのが人気



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# HL7 Int'l Council

## Graham Grieve(FHIR生みの親)



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# DARPA Cybersecurity Project

Zoom ミーティング International Council の画面を表示しています ビュー オプション

Michio Kimura... International C... Giorgio Cangioli HL7 Fernando Camp...  
Michio Kimura MD Ph... International Council João Almeida Giorgio Cangioli Mario Cortés | HL7 Col... Fernando Campos

## HL7 FHIR Security

- Meeting with DARPA leadership (Dr. Jenifer Roberts) April 25 to discuss cybersecurity
- Advanced Research Projects Agency for Health (ARPA-H) program received \$1 billion from NIH budget in FY23
- DARPA wishes to provide resources to support
  - Technical security of the FHIR stack
  - Technical evaluation of the FHIR sandbox (ecosystem)
  - End-user cybersecurity of FHIR endpoints
  - Training of FHIR developers, implementers, and end-users
- A strategic SOU will be forthcoming

DARPA DEFENSE ADVANCED RESEARCH PROJECTS AGENCY HL7

ミュート解除 ビデオの開始 参加者 3 チャット 画面の共有 字幕を表示 リアクション アプリ 退出

ここに入力して検索 23:25 2023/05/11

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# ついに、アメリカ統一保険資格証WG

Zoom ミーティング International Council の画面を表示しています ビュー オプション

Michio Kimura...  
Michio Kimura MD Ph...

International C...  
International Council



Giorgio Cangoli  
Giorgio Cangoli



Fernando Camp...  
Fernando Campos

## SMART Digital Insurance Card Initiative

**Current participants**

- Payers:**
  - 20+ For-profit companies
  - Kaiser Permanente
  - CMS notably absent
- Providers**
  - University of CA Health (pilot)
  - 30+ health systems
- Tech vendors & integrators**
  - Epic, Oracle Cerner
  - Apple, Samsung
  - Amazon, Google, Microsoft
  - AHIP, BCBSA
  - Accenture
  - WEDI

**HL7's (multiple) opportunities**

- Passively support the initiative
- Actively integrate with SID ecosystem

Payers	Providers	Tech	Associations
Aetna	UC San Diego	Accenture	AHIP
Arkansas BCBS	UC Davis	Amazon	American Hospital Association
Blue Shield of CA	UC Irvine	Apple	BCBSA
BCBS North Carolina	UCLA	Cerner	Consumer Tech Association (CTA)
BCBS Tennessee	UC Riverside	CNSI	The Commons Project
Cambia	UCSF	CPSI	Health Evolution
Centene		Epic	HFMA
Cigna	Boston Children's	Gainwell	Public Health Institute
HealthFirst	Christiana Care	Google	WEDI
HealthNet	CentraCare	Microsoft	
Elevance	CommonSpirit	Oracle	
HMSA	Confluent	PWC	
Humana	CVS Health	Samsung	
Kaiser Permanente	Corwell Health		
Medica	Davita		
Medi-Cal (DHCS)	Express Scripts		
MoHSA	Hawaii Pacific Health		
Premera	HCA		
SCAN	HSS		
United Healthcare	Mass General Brigham		
Washington Health Care Authority	Mayo Clinic		
	MultiCare		
	Northwell		
	Optum		
	OSF Health		
	Providence		
	Saint Luke's		
	UPMC		

ミュート解除 ビデオの開始 参加者 3 チャット 画面の共有 字幕を表示 リアクション アプリアイコン 退出

ここに入力して検索 27°C 2023/05/11

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# 5百万ドルの補助金

Zoom ミーティング

International Council の画面を表示しています ビュー オプション

Michio Kimura... International C... Giorgio Canglioli HL7 Colombia Fernando Camp...

Michio Kimura MD Ph... International Council João Almeida Giorgio Canglioli Mario Cortés | HL7 Col... Fernando Campos

## Funding of HL7 International from the 2023 US Omnibus Appropriations Bill

- Summary of Omnibus Bill support for HL7
  - The Department of Health & Human Services shall provide not less than \$5M for the support and development of HL7 FHIR.
  - HL7, per se, is not named in the Appropriations bill.
- Status
  - Multiple discussions with ONC to develop a process for delivering the funds specified in the bill, but there has still been no progress to date.
  - Friends of HL7 and Thorn Run Partners are actively pursuing the Congressional leadership responsible for this commitment.

HL7

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ここに入力して検索

23:29 2023/05/11

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# FHIR Connect-a-thon

Table Number	TRACK
31	At Home In Vitro Test Report
32,33	BIDirectional Services eReferrals (BSeR)
81	CARIN
66,76	C-CDA to FHIR Mapping Track
22	Clinical Genomics
23	Clinical Info Modeling Initiative (CIMI) Lab Sub-types IG
15,36,34,35,36	Clinical Reasoning
21	Cohort Definition
24	Coordinating Care for Patients with Chronic Conditions
42,43,52	Da Vinci Burden Reduction (BR) Track
53	Da Vinci CDex: Attachments, Task-Based, and Direct Queries
64	Da Vinci Member Attribution List
54	Da Vinci Patient Cost Transparency
63	Da Vinci Payer Data Exchange (PDex) and Formulary
61	Da Vinci Risk Adjustment
62	Da Vinci Value-Based Performance Reporting
84	Devices
72,73	FAST Infrastructure (Security & Identity)
71	FAST National Directory of Healthcare & Da Vinci Plan Net
13,14	Gravity SDOH Exchange
10	Helios Aggregate Data Track
11	Helios Align & Optimize Framework
50	International Patient Access (IPA)
40	International Patient Summary
41	Med Morph - Flu Surv-NET - Health Care Surveys
15	Patient Track
12	Physical Activity Track
74,75	Protocols Uniform Data System Pt-Level Submission (UDS+)
60	Questionnaire
55,65	SQL-on-FHIR
82,83	TEFCA Facilitated FHIR
	Testing FHIR with Test Artifact (TestScript) Versioning,
51	Calibration, Equivalency of Tools
70,80	US Core Testing Track
21	Vulcan Schedule of Activities
20	Vulcan/Gravitare Health - eP/NPS (Phase 6)
30	Vulcan - ICH M11 CESHIP IG



# End of presentation



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