



# Program HL7 FHIR DevDays 2020 US - Virtual

June 15-18, 2020 | 11 AM – 5 PM, ET

## WE ARE READY FOR DEVDAYS!

The program offers keynotes, tutorials, project presentations, Let's build! sessions and office hours.

Icons indicate the level: star for introductory and rocket for advanced.  








### ACCESS TO THE VIRTUAL EDITION

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### LEGEND

-  Tutorial
-  Let's Build! 
-  FHIR projects from the Community
-  Office Hours
-  Birds of a Feather (BoF)
-  Startup Track





11:00 AM -12:00 PM

## Microsoft Hack on FHIR

1:00 -1:50 PM

### Opening Session

- Welcome **Wayne Kubick**, [HL7](#), **Ewout Kramer**, [Firely](#)
- Opening Keynote **Don Rucker**, [U.S. Department of Health and Human Services](#)
- Patient Innovator Track Introduction, **Dave deBronkart**
- Patient Innovator Track Pitch: 12 doctors and 23 portals, **Morgan Gleason**

2:00 - 2:40 PM

#### The ONC Final Rule

Steve Posnack,  
[ONC](#)



#### FHIR Introduction

Simone Heckmann,  
[Gefyra GmbH](#)



#### Decentralized Identity and FHIR

Josh Mandel,  
[Microsoft](#)



#### CDS Hooks

Dennis Patterson,  
[Cerner](#)



#### Google Cloud FHIR APIs

Marianne Slight,  
Kalyan Pamarthy,  
[Google](#)



2:45 - 3:25 PM

#### HAPI - FHIR for Java Developers

James Agnew,  
[SmileCDR](#)



#### The FHIR RESTful API

Abel Enthoven,  
[Firely](#)



#### FHIR Mapping Language

Vadim Peretokin,  
[Firely](#)



#### Subscriptions

Gino Canessa,  
[Microsoft](#)

#### COMMUNITY

##### Importing Legacy Data

Vadim Laletin, [Beda Software](#)

##### FHIR-powered Data Reconciliation

Patrick Grennan, [One Medical](#)

##### Building Cohorts with Bulk Export

John Timm, [IBM Watson Health](#)

3:30 - 4:10 PM

#### Status Update Da Vinci

Viet Nguyen,  
[Strata](#)



#### FHIR .NET API

Mirjam Baltus,  
[Firely](#)



#### BoF Radiology Reporting with FHIR at UCSF

Brian Bialecki,  
[American College of Radiology](#)



#### FHIR Shorthand

Mark Kramer,  
Chris Moesel,  
[MITRE](#)



#### COMMUNITY

##### Genomics Clinical Decision Support

Aziz Boxwala, [Elimu Informatics Inc.](#)

##### FHIR for HIEs

Luke Doles, [New York eHealth Collaborative](#)

##### Payer-Provider Use of FHIR

Ray Duncan, [Cedars-Sinai Health System](#)

4:15 - 4:55 PM

<p><b>FHIR Resources Overview</b> Virginia Lorenzi, NewYork-Presbyterian Hospital</p> <p>★</p>	<p><b>FHIR Terminology Services</b> Jim Steel, CSIRO</p>	<p><b>OFFICE HOURS</b> Grahame Grieve</p>	<p><b>Logica/HSPC Sandbox</b> Nikolai Schwertner, Interopion</p> <p>★</p>	<p><b>COMMUNITY</b> <b>Machine Learning and FHIR at Google</b> Adrish Sannyasi, Google <b>Monitoring COVID-19 from Home to Hospital</b> Stefan Schlichting, Unity AG <b>Biomedical Research across Data Modalities</b> Allison Heath, Children's Hospital of Philadelphia and Robert Carroll, Vanderbilt University Medical Center</p>
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5:00 - 5:10 PM

<p><b>Wrap up day 1</b> Wayne Kubick, HL7</p>				
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## Tuesday, June 16

11:00 AM - 12:00 PM

<p><b>Microsoft Hack on FHIR</b></p>				
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12:00 - 12:40 PM

<p><b>SPONSORED CONTENT</b> <b>Remote Patient Monitoring and Tele-health with IoMT</b> Nate Malubay, Dustin Burson, Microsoft</p>				
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1:00 - 1:50 PM

<p><b>Plenary Session</b> - Welcome <b>Ewout Kramer</b>, Firely, <b>Charles Jaffe</b>, HL7 - Keynote <b>Matthew Holt</b>, SMACK.health - Patient Innovator Track Pitch: Turning Paper Records into FHIR &amp; SNOMED CT in Africa, <b>Olivier Karasira</b></p>				
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2:00 - 2:40 PM

<p><b>COVID-19: Realistic Test Data</b> Abigail Watson, University of Chicago</p>	<p><b>Questionnaire</b> Eric Haas, Health eData Inc</p> <p>★</p>	<p><b>OFFICE HOURS</b> Josh Mandel</p>	<p><b>Let's Build! FHIR Mapping Language</b> Vadim Peretokin, Alexander Zautke, Firely</p> <p>🚀</p>	<p><b>Introduction to Profiling</b> Mirjam Baltus, Firely</p> <p>★</p>
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2:45 - 3:25 PM	<p><b>COVID-19: The SANER Project</b> Keith Boone, <i>Audacious Inquiry</i></p>	<p><b>CARIN: Consumer Facing APIs</b> Ryan Howells, <i>Leavitt Partners</i></p> <p>★</p>	<p><b>ONC: Information Blocking</b> Elise Anthony, Mike Lipinski, <i>ONC</i></p> <p>★</p>	<p><b>Let's Build! HAPI - FHIR for Java developers</b> James Agnew, <i>SmileCDR</i></p> <p>★</p>	<p><b>FHIR Packages</b> Ward Weistra, Ardon Toonstra, <i>Firely</i></p> <p>★</p>
3:30 - 4:10 PM	<p><b>COVID-19 Panel</b> Abigail Watson, Grahame Grieve, John Loonsk, Keith Boone, and Matthew Holt</p>	<p><b>Extensions</b> Rene Spronk, <i>Firely</i></p> <p>★</p>	<p><b>CHAIR YOGA</b> Iekelien Buurman, <i>Iekelien Yoga Rye NY</i></p>	<p><b>App Validation for Epic, Cerner, AllScripts</b> Nikolai Schwertner, Travis Cummings, <i>Interopion</i></p> <p>★</p>	<p><b>COMMUNITY FHIR Apps for Cancer Referrals</b> Tirth Patel, <i>UHN</i> <b>Value Set Best Practices</b> Carol Graham, <i>Clinical Architecture</i> <b>PACIO: Transition of Care</b> Sean Mahoney, <i>MITRE</i></p>
4:15 - 4:55 PM		<p><b>mCODE for Oncology</b> May Terry, <i>MITRE</i></p>	<p><b>OFFICE HOURS</b> James Agnew</p>	<p><b>Let's Build! Prior Authorization</b> Viet Nguyen, <i>Strata</i></p>	<p><b>COMMUNITY National Vital Statistics System on FHIR</b> Veronique Benie, Adam Holmes, Myung Choi, <i>CDCP and Georgia Tech Research Inst.</i> <b>SMART on FHIR Platform at UCSF</b> Erica Schleimer, <i>UCSF</i> <b>Machine Learning and DICOM</b> David Burdick, <i>Stratus Medicine</i></p>
5:00 - 6:00 PM	<b>Virtual Pub</b>				



Wednesday, June 17

11:00 AM -12:00 PM

**Microsoft Hack on FHIR**

12:00 -12:40 PM

**SPONSORED CONTENT**

**FHIR in the Cloud: New Tools for Ingest, Export & Research**

Doug Seven, *Microsoft*

1:00 -1:50 PM

**Plenary Session**

- Opening **Ewout Kramer**, *Firely*

- Keynote **Sarah Novotny**, *Microsoft*

- Patient Innovator Track. Pitches: I'm Entering to Shine a Light on the Void, **Bray Patrick-Lake** Diabetes Tracker into a Prototype App, **Hamza Salem**

2:00 - 2:40 PM

**Performance Challenges in FHIR**  
Nikolai Ryzhikov,  
*Health Samurai*



**Health Apps and Privacy**  
Kathryn Marchesini,  
*ONC*



**OFFICE HOURS**  
Lloyd McKenzie

**Let's Build! FHIR Shorthand**  
Chris Moesel,  
Mark Kramer,  
*MITRE*



**SNOMED CT with FHIR**  
Peter Groves Williams,  
*SNOMED International*



2:45 - 3:25 PM

**FHIR and the CMS Final Rule**  
Dave Hill,  
*MITRE*  
Denise St. Clair,  
*CMS*



**Metadata Resources for FHIR Servers**  
Ewout Kramer,  
*Firely*









**Startup Track**  
Nominated companies:  
*ChronicMOBILE,*  
*TipoTapp,*  
*Embleema,*  
*The Sovereignty Network,*  
*NursIT Institute*

**Let's Build! Introduction to Profiling**  
Mirjam Baltus,  
Ardon Toonstra,  
*Firely*








**COMMUNITY**  
**CMS Blue Button for Health Plans**  
Madhav Gone, Healthfirst Inc  
**eCR Now FHIR App**  
John W. Loonsk, *APHL*  
**FHIR Server Testing**  
Lee Surprenant, *IBM*




3:30 - 4:10 PM	<p><b>Microsoft FHIR API</b> Michael Hansen, Microsoft</p> <p></p>	<p><b>Clinical Research on FHIR</b> Wayne Kubick, HL7 Hugh Glover, Blue Wave Informatics</p> <p></p>	<p><b>CHAIR YOGA</b> Iekelien Buurman, Iekelien Yoga Rye NY</p>	<p><b>Testing HL7® FHIR® Implementation Guides with Inferno</b> Steve Posnack, ONC Robert Scanlon, MITRE</p> <p></p>	<p><b>COMMUNITY</b> <b>Building an App for Patients at Emory</b> Dan Bonistalli, Rimidi, Dan Hoke, Emory Healthcare <b>Public Health Reporting in FHIR</b> Myung Choi, Michael Riley, Georgia Tech Research Institute <b>Bulk Data in the Wild</b> Ricky Sahu, 1upHealth</p>
4:15 - 4:55 PM	<p><b>Clinical Quality Language (CQL)</b> Bryn Rhodes, Database Consulting Group</p> <p></p>	<p><b>FHIRpath</b> Mirjam Baltus, Firely</p> <p></p>	<p><b>OFFICE HOURS</b> ONC</p>	<p><b>Let's Build! CARIN: Consumer Facing APIs</b> Frank McKinney, Pooja Babbrah, Point-of-Care Partners, Pat Taylor, Blue Cross Amyl Vyas, Cambia Health Solutions</p> <p></p>	<p><b>COMMUNITY</b> <b>C-CDA to FHIR</b> Jagarthikeyan Karuppiyah, Sreekrishna "Sree" Gopalan, Priya Darshini Vasantha Kumar, Inovalon <b>CCD to FHIR</b> Harvard Pan, Diameter Health <b>SMART on FHIR in Epic/Salesforce</b> Victor Vargas, UCSF</p>
5:00 - 5:10 PM	<p><b>Wrap up day 3</b> Wayne Kubick, HL7</p>				



Thursday, June 18

11:00 AM - 12:00 PM	<b>Microsoft Hack on FHIR</b>			
12:00 - 12:40 PM	<b>SPONSORED CONTENT</b> <b>Building the Next Wave of Healthcare Applications with FHIR</b> Jeffrey Fried, <i>InterSystems</i>			
1:00 - 2:00 PM	<b>Plenary Session</b> - Opening <b>Ewout Kramer</b> , <i>Firely</i> - Keynote <b>Arika Okrent</b> - Startup Track Award Ceremony, <b>Ward Weistra</b> , <i>Firely</i> , Pavel Smirnov, <i>Health Samurai</i> and Ricky Sahu, <i>1UpHealth</i> - Meet & Greet with <b>Arika Okrent</b>			
2:00 - 2:40 PM	<b>FHIR Testing</b> Richard Ettema, <i>AEGIS.net</i> 	<b>US Core</b> Brett Marquard, <i>WaveOne Associates</i> 	<b>OFFICE HOURS</b>  <i>Firely</i>	<b>Let's Build!</b> <b>Google Cloud FHIR APIs</b> Vivian Neilley, Kalyan Pamarth, <i>Google</i> 
2:45 - 3:25 PM	<b>Security Policies Beyond OAuth2</b> Josh Mandel, <i>Microsoft</i> Nikolai Ryzhikov, <i>Health Samurai</i> 	<b>FHIR Design Considerations</b> Lloyd McKenzie, <i>Gevity</i> 	<b>FHIR and API Management</b> Patrick Jamieson, <i>InterSystems</i>	<b>COMMUNITY</b> <b>FHIR and App Development at Optum</b> George Bier, <i>Optum</i> <b>SMART on FHIR Adverse Event App</b> Lance Jones, Shayan Hobbi, <i>IBM</i> <b>The Value of OMOP on FHIR</b> Tia Pope, <i>Georgia Tech</i>

3:30 - 4:10 PM

<p><b>FHIR or Relational Model for Storing Data</b> Grahame Grieve, Health Intersections Ltd</p> 	<p><b>Bulk Data Access</b> Dan Gottlieb, Boston Children's Hospital</p> 	<p><b>FHIR Analytics with Power BI</b> Michael Hansen, Microsoft</p> 	<p><b>COMMUNITY</b> <b>Transition of Care in FHIR</b> Raychelle Fernandez, Dynamic Health IT, Inc <b>Building Next-Gen FHIR Apps</b> Shane O'Neill, Asymmetrik <b>Clinical Workflows with SMART on FHIR</b> Dharmesh Patel, Google</p>
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4:15 - 5:00 PM

**Closing Session**

- Keynote, **Mat Coolidge**, *Orbital Health*
- Patient Innovator Track Award Ceremony, **Dave deBronkart**, **Grahame Grieve**, **Ross D. Martin** and **Virginia Lorenzi**
- Closing Keynote, **Grahame Grieve**, *Health Intersections Ltd*
- Closing Words, **Ewout Kramer**, *Firely* and **Wayne Kubick**, *HL7*

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