



# Clinicians on FHIR<sup>®</sup><sup>©</sup>

## W10 Saturday 11/16/2019

**Laura Heermann PhD, RN**  
Intermountain Healthcare

**Russ Leftwich MD**  
Intersystems

**Jim McClay MD**  
UNMC

**Viet Nguyen MD**  
Stratametrics

Internet access in this room:  
Network =  
PWD=

For Meeting Materials and in room webex info  
<https://tinyurl.com/CoF-AMIA-Fall-2019>

# Logistics

- Restrooms
- Fire escape
  - There is no escaping  FHIR®
- Internet access in this room
- For Meeting Materials And in room webex info  
<https://tinyurl.com/CoF-AMIA-Fall-2019>

Welcome!



# Let's get to know each other

- How many of you are:
  - Physicians
  - Nurses
  - Other type of clinician
  - Academic/ researchers
  - In clinical practice
  - Corporate position
  - Independent contractor
  - Other?



# Let's get to know each other

- What is the uptake of FHIR at your institution?
- What is the interest level FHIR at your institution?



# What about FHIR® ?

- How many of you have worked with FHIR?
- How many of you are not familiar with FHIR but curious to know more
- What have you heard or do you know about FHIR?
- How many of you know, or think, FHIR will be used in your organization?
- Have you worked with any HL7 standards? V2? CDA? CCDA?



What are you hoping to  
take away from today?



# Agenda for the Day

Time	Topic	Speaker
0830-0850	Welcome and Introductions	Russ Leftwich
0850-0920	Basic Overview of FHIR	Russ Leftwich
0920-1000	FHIR Deep Dive	Jim McClay
1000-1030	Break	
1030-1050	FHIR Deep Dive – cont.	Jim McClay
1050-1200	Prepare for hands on exploration of HL7 FHIR <sup>®</sup> , ClinFHIR and basic modeling through use cases	Russ Leftwich, Jim McClay, Viet Nguyen
1200-1300	Lunch	
1300-1430	Facilitated hands on exploration of HL7 FHIR <sup>®</sup> , ClinFHIR and basic modeling through use cases	Russ Leftwich, Jim McClay, Viet Nguyen
1430-1500	Break	
1500-1615	Fitting all the Pieces Together	Russ Leftwich, Viet Nguyen, Laura Heermann
1615-1630	Conclusion and Evaluation	Laura Heermann



# Clinicians on FHIR®

- May of 2014 – Request from FHIR developers for clinician engagement with FHIR development
- Full day activities at each HL7 Working Group Meeting
- Regular conference calls between WGMs
  - Tuesdays at 5 pm ET





# Goals of Clinicians on FHIR<sup>®</sup>

- Test FHIR Resources for
  - Accuracy (clinical knowledge and clinical practices)
  - Validity (designed correctly for the purpose of clinical practice and clinical use)
  - Usability (useful and usable for the clinical story tested against)
- Identify any interoperability issues arising from clinical use of FHIR resources tested
- Provide recommendations to enhance/improve FHIR
- Improve FHIR development methodology and processes to involve clinicians from inception
- Facilitate education to clinicians regarding FHIR
- Provide Clinical support at HL7 FHIR<sup>®</sup> Technical Connectathons



# Clinicians on FHIR<sup>®</sup> Leadership

- Stephen Chu, MD
- Laura Heermann Langford, PhD, RN
- Emma Jones, RN
- Russ Leftwich, MD
- Viet Nguyen, MD
- Rob Hausam, MD
- George Dixon, RN

## FHIR Liaisons

- David Hay
- Lloyd McKenzie



# Key links

- Today's Workshop Materials
  - <https://tinyurl.com/CoF-AMIA-Fall-2019>
- Clinicians on FHIR Wiki
  - [http://wiki.hl7.org/index.php?title=Clinicians\\_on\\_FHIR](http://wiki.hl7.org/index.php?title=Clinicians_on_FHIR)
- ClinFHIR
  - <http://clinfhir.com/>
- FHIR
  - <http://hl7.org/fhir/>
  - Alphabetical Lis of Resources. <http://build.fhir.org/resourcelist.html>
  - Patient Resource. <http://build.fhir.org/patient.html>.
  - Condition Resource. <http://build.fhir.org/condition.html>.
  - Observation Resource. <http://build.fhir.org/observation.html>.

