Clinicians Not Burned Out - but on FHIR®

Laura Heermann Langford, PhD, RN
Russ Leftwich, MD
James McClay, MD
Viet Nguyen, MD
Logistics

• Restrooms
• Fire escape
  • There is no escaping
• Internet access in this room

• Refer to the MobiApp for:
  • Meeting Materials
  • Webex
Let’s get to know each other

• How many of you are:
  • Physicians
  • Nurses
  • Other type of clinician
  • Researchers
  • In clinical practice
  • Employed in corporate America
  • Other?
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

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<tr>
<th>Time</th>
<th>Topic</th>
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<tr>
<td>1330-1335</td>
<td>Welcome and Introductions</td>
<td>Laura Heermann</td>
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<tr>
<td>1335-1400</td>
<td>Basic Overview of FHIR</td>
<td>Russ Leftwich</td>
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<td>1400-1500</td>
<td>FHIR Deep Dive</td>
<td>Viet Nguyen</td>
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<td>1500-1530</td>
<td>Prep for Hands on Activity</td>
<td>Russ Leftwich</td>
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<td>1530-1600</td>
<td>Coffee Break</td>
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<tr>
<td>1530-1740</td>
<td>Facilitated hands on exploration of HL7 FHIR®, ClinFHIR and basic application development through use cases</td>
<td>Russ Leftwich, Jim McClay, Laura Heermann</td>
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<td>1740-1755</td>
<td>Summation and Discussion</td>
<td>Laura Heermann</td>
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<td>1655-1800</td>
<td>Conclusion and Evaluation</td>
<td>Laura Heermann</td>
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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®

• 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® Technical Connectathons
Clinicians on FHIR® 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://confluence.hl7.org/display/PC/Clinicians+on+FHIR+-+AMIA+CIC+2019+Workshop

• Clinicians on FHIR Wiki

• ClinFHIR
  • http://clinfhir.com/

• FHIR
  • http://hl7.org/fhir/
  • Alphabetical Lis of Resources. http://build.fhir.org/resourcelist.html