W09: Clinicians on FHIR: What Nurses Need Know

Laura Heermann Langford, PhD, RN
Russ Leftwich, MD
Viet Nguyen, MD

Internet access in this room:
Logistics

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

• Meeting Materials:
Let’s get to know each other

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>0830-0900</td>
<td>Welcome and Introductions</td>
<td>Laura Heermann</td>
</tr>
<tr>
<td>0900-1000</td>
<td>Introduction to FHIR</td>
<td>Russ Leftwich</td>
</tr>
<tr>
<td>1000-1030</td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td>1030-1045</td>
<td>Deep Dive into FHIR</td>
<td>Viet Nguyen</td>
</tr>
<tr>
<td>1045-1200</td>
<td>ClinFHIR Introduction</td>
<td>Viet Nguyen</td>
</tr>
<tr>
<td>1200-1300</td>
<td>Lunch – on your own</td>
<td></td>
</tr>
<tr>
<td>1300-1430</td>
<td>Creating FHIR Instances</td>
<td>Viet Nguyen</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Laura Heermann</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Russ Leftwich</td>
</tr>
<tr>
<td>1430-1500</td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td>1500-1530</td>
<td>FHIR in Context</td>
<td>Laura Heermann</td>
</tr>
<tr>
<td>1530-1545</td>
<td>How to Participate in ongoing FHIR Activities</td>
<td>Laura Heermann</td>
</tr>
<tr>
<td>1545-1615</td>
<td>Explore on your own</td>
<td></td>
</tr>
</tbody>
</table>
• NIWG Fall Planning Co-Chairs
  • Deborah Ariosto, PhD, RN
  • Ellen Harper, DNP, RN-BC, MBA, FAAN

• Clinicians on FHIR Extraordinaire
  • Emma Jones, MS, RN-BC

• Hands on FHIR Exercise Facilitators
  • Rob Hausam, MD
  • Susan Matney, PhD, RN, FAAN, FACMI
  • Jim McClay, MD, MS, FACEP
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
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
Clinicians on FHIR Leadership

• Elaine Ayres, RD
• Stephen Chu, MD
• Laura Heermann Langford, PhD, RN
• Emma Jones, RN
• Russ Leftwich, MD
• Viet Nguyen, MD

FHIR Liaisons
• David Hay
• Lloyd McKenzie
Key links

• Today’s Workshop Materials
  • http://confluence.hl7.org:8090/display/PC/Clinicians+on+FHIR+-+Workshop

• Clinicians on FHIR Wiki

• ClinFHIR
  • http://clinfhir.com/

• FHIR
  • http://build.fhir.org/

• Webpage for beginners in FHIR
  • https://FHIRintersystems.com