

# Creating Usable EHRs: A UCD Best-Practices Workshop

May 22, 2012

National Institute of Standards and Technology  
Gaithersburg, MD

## Draft Agenda

- 8:00 – 9:00**                    **Registration / Breakfast available in NIST Cafeteria**
- 9:00 – 9:10**                    **Welcome Remarks**
- Chuck Romine, Ph.D.,  
Director, Information Technology Laboratory, NIST*
- 9:10 – 9:20**                    **Welcome Remarks**
- Farzad Mostashari, M.D., Sc.M.,  
National Coordinator for Health Information Technology*
- 9:20 – 9:30**                    **Overview of the Day**
- Lana Lowry, Ph.D.,  
NIST*
- Jacob Reider, M.D.,  
Senior Policy Advisor, ONC*
- 9:30 – 9:50**                    *Usability Research and the eye of the beholder*
- Chris Gibbons, M.D., M.P.H.,  
Assistant Professor & Associate Director, Johns Hopkins Urban Health Institute*
- 9:50 – 10:15**                    *Unique Usability Challenges in Designing EHRs used for the care of children*
- David Brick, M.D.,  
Village Pediatric Cardiology*
- 10:15 – 10:30**                    *Categorization of Critical User Interactions for Pediatric EHR*
- Jiajie Zhang, Ph.D.,  
Director, SHARPC, Interim Dean, University of Texas School of Biomedical Informatics at Houston*
- 10:30 – 10:45**                    **Break**
- 10:45 – 11:00**                    *Demonstrating Usability and Safety – Role and Use of the Common Industry Format (CIF) and EUP*
- Ben-Tzion Karsh, Ph.D.,  
Professor, Industrial and Systems Engineering, University of Wisconsin*

- 11:00 – 11:15** *Common Industry Format: What It Is What It Isn't and Why It's Useful*  
Robert Schumacher, Ph.D.,  
Managing Director, User Centric, Inc.
- 11:15 – 11:30** *Developing a Framework for Enhancing Health IT Usability*  
Matthew B. Weinger, M.D., M.D.,  
Vanderbilt University School of Medicine, Tennessee Valley VA Healthcare System

	<b>Track 1 Human – Centered Innovation Workshop</b>	<b>Track 2 User – Centered Design Workshop</b>
<b>11:30 – 11:45</b>	<i>Introduction to afternoon design workshops – IDEO</i>	<i>Introduction and Overview of the UCD Process</i>
<b>11:45 – 12:45</b>	<i>Inspiration: Research + Insights Part I – IDEO</i>	<i>Observation Methods</i>
<b>12:45 – 1:45</b>	<b>Lunch</b>	
<b>1:45 – 3:00</b>	<i>Inspiration: Research + Insights Part II – IDEO</i>	<i>Session 1 : Heuristic / Expert Review Session 2 : Formative Usability Testing</i>
<b>3:00 – 3:30</b>	<b>Break</b>	
<b>3:30 – 4:15</b>	<i>Concept Introduction + Review – IDEO</i>	<i>Validation Usability Testing</i>
<b>4:15 – 4:45</b>	<i>Concept Gallery Walk – IDEO</i>	

**4:45 – 5:00** **Workshop Evaluation + Next Steps**

**5.00** **Adjourn**

**5.15 – 8.00** *Informal Gathering @ Dogfish Head Alehouse 800 West Diamond Avenue  
Gaithersburg, MD 20878 – on your own*

*Updated on 05/07/2012*