CHOT Quarterly Newsletter - Fall 2015

RECENT EVENTS

Harriet B. Nebhard featured panelist at international World Quality Forum

Dr. Harriet B. Nembhard, CHOT Site Director at Pennsylvania State University, served as a featured panelist at the World Quality Forum of the International Academy for Quality (IAQ) Oct. 26-27 in Budapest, Hungary. This forum featured panel discussions on quality tools, quality management, lean and six sigma processes, corporate and social responsibility, global quality education, quality development in health care and quality in manufacturing. Dr. Nembhard’s discussed the role of quality improvement methods in health care delivery science and translational research.

2015 Fall IAB Meeting Recap
CHOT’s 2015 Semi-Annual Fall meeting took place on the Northeastern University in Boston, MA on Oct. 8 & 9. The event was attended by over 70 individuals comprising of Industry Advisory Board (IAB) members, NSF representatives, faculty, and graduate/undergraduate students. IAB members participated in thematic breakout sessions where they developed 5 Research Themes for the upcoming research year. CHOT's research themes for the 2016-2017 research cycle will include:

- Population of Health
- Payment Models
- Home Care
- Operations
- Care Coordination

Another highlight was the Student Poster Competition where graduate students presented their research findings to current and potential IAB members. There were a total of 19 research posters presented. First place was awarded to Kyle Cunningham and Dominic Breuer with their project on Robust and Adaptive Optimal Healthcare Staff Scheduling.

**RECENTLY PUBLISHED RESEARCH**

**Predicting movement disorders using non-verbals**

Design team interactions are one of the least understood aspects of the engineering design process. Given the integral role that designers play in the engineering design process, understanding the emotional states of individual design team members will help us quantify interpersonal interactions and how those interactions affect resulting design solutions.
Comparing success and sustainability in two health systems

CHOT researchers investigated how to successfully implement an innovative care management model such as Studer Group's Evidence-based Leadership (EBL) tool found that culture (accountability, buy-in and communication) is most important for sustainability of initiative (long-term) while leadership seems most important initially during kick-off and early implementation stage.

UPCOMING EVENTS

CHOT IAB Winter Conference Call
January 8, 2016 1:00-3:00 EST
Participation for current IAB members only

Upcoming CHOT IAB Spring Meeting
April 7 & 8, 2016

The next CHOT Semi-Annual meeting will be held in Houston, TX at the Texas Children's Hospital Woman's Pavilion on April 7 & 8, 2016. More details will be announced as soon as they are available.

If you have any suggestions for future Center meetings or communications, please contact CHOT’s Managing Director, Dr. Lesley Tomaszewski (lesleyt@tamu.edu)