



# 2014 Semi-Annual Fall Meeting Recap

October 16-17, 2014



## Developments from the Center for Health Organization Transformation

### Notes from the Meeting

CHOT's 2014 Semi-Annual Fall meeting recently took place at the Verizon Innovation Center located in Waltham, MA. The event was attended by over 50 health systems members, faculty, and graduate students. During this meeting, CHOT faculty researchers and graduate students presented updates on 22 research projects and gathered feedback from the IAB members in attendance.

A highlight from the meeting was that on the second day, IAB members participated in thematic breakout sessions where they developed 5 Research Themes for the upcoming research year. These research themes were:

- Human-Technology Interaction
- Patient Behavior and Self-Care
- Organization and System Design
- Remote Health and Tele-health
- Transitions of Care

Another highlight was the Research Poster Competition where graduate students presented their research findings to current and potential IAB members. There were a total of 13 research posters presented. First place was awarded to Kayla Cline from Texas A&M University and second place was awarded to Prashant Tailor & Carly Berdhal from the Georgia Institute of Technology. Honorable mentions were awarded to Brendan Bettinger (Northeastern University) and Nathaniel Bastian (Pennsylvania State University) and David Muñoz (Pennsylvania State University).



### Upcoming Spring Meeting

Health system members and CHOT Co-Directors selected to have the next Semi-Annual meeting in Atlanta, GA. The meeting will take place on **April 16-17, 2015**. More details will be announced as soon as they are available.

CHOT welcomes current health system members to participate in planning for the next stage of research development. Steps are underway to ensure improved communication among Co-Directors and IAB members through more member-led meetings and conference calls. If you have any suggestions for future Center meetings or communications, please contact your respective Co-Director.

### Poster Presentation Titles

- Characterizing and Reducing Avoidable Outside Utilization
- Identifying Emergency Department Efficiency Frontiers and the Factors Associated with Their Efficiency Performance
- Shared Commons Game Theory Models to Improve Antibiotic Stewardship
- Gamification for Self-Monitoring of Patients for Enhanced Wellness Outcomes
- Healthcare Improvement Spread Models
- Economics and Potential Financial Model of the Perioperative Surgical Home (PSH): Developing a Framework for PSH Design and Action
- Healthcare System Redesign: Advancing Delivery Quality and Effectiveness
- An Integrated Data Mining and Data Visualization Methodology for Managing Patient Adherence
- Quantifying the Impact of Pay-for-Performance Financial Incentives to Reduce Healthcare-Associated Infections
- A Combined Human-Factors and Quality Improvement Approach to Assess Electronic Health Records Technology Usability
- Bundle Science Statistical Models and Analysis
- Predictive Models for System Utilization, Capacity, and Flow Optimization

