

2015 CHOT Industry Advisory Board Fall Meeting Recap

October 8-9, 2015 | Boston, MA



Notes from the meeting

CHOT's 2015 Semi-Annual Fall meeting recently took place on the Northeastern University in Boston, MA on Oct. 8 & 9. The event was attended by over 70 IAB members, NSF representatives, faculty, and graduate/undergraduate students. 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:

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



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 19 research posters presented. First place was awarded to Kyle Cunningham and Dominic Breuer with their proposal on Robust and Adaptive Optimal Healthcare Staff Scheduling.

Upcoming Spring Meeting

The next 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.

CHOT welcomes current IAB members to participate in planning for the next stage of research development. Steps are underway to ensure improved communication among Site 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 Site Director.



Poster Presentation Titles

- Robust and Adaptive Optimal Healthcare Staff Scheduling
- Challenges in Telemedicine: A Systematic Review and Engagement with Rural Communities
- Improvements to Root Cause Analysis of Patient Safety Events
- Examining How Lean Six Sigma Processes Reduce Hospital-Acquired Conditions
- The Role of Disparities in 30-Day Hospital Readmission Rates
- Analysis and Reduction of Practice Variation
- Assessment of a Telehealth Device in Promoting Heart Failure Patient Engagement and Self-Care in Rural Areas
- Investigating the Impacts of a Patient's Social Network in Achieving Gamification Solutions in Personalized Wellness Management
- Reducing Readmission After Hip Surgery Using Statistical Process Control and Smart Home Care
- Understanding Group Practice Trends, Physician Burnout, and Engagement
- Modeling ACOs as Macro Integrated Systems of Care
- Patient Flow in Children's Hospitals: Research-Informed Strategies to Influence Discharge Time and Capacity
- Translating UBRICA's Vision for Kenya to Evidence-based Strategy and Funding
- Hospital Acquired Conditions: Systematic and Adaptive Approach
- Technology Trends and Smart Interventions to Mitigating Patient Risk at Critical Transitions for Total Joint Arthroplasty (TJA)
- Improving Health Promotion: Leveraging Statistical Learning and Electronic Medical Records for Healthcare Market Segmentation
- Healthcare System Optimization: Advancing Delivery Timeliness, Quality, and Effectiveness
- Personalized Medicine
- Social Network Analysis: Examining Interactions Among Providers at the Network Level