2017 FALL ADVISORY BOARD MEETING RECAP
October 24-25 | Birmingham, Alabama

Notes from the Meeting

There was an excellent turn out at the Fall 2017 NSF Center for Health Organization Transformation (CHOT) Industry Advisory Board (IAB) Meeting with over 65 IAB members, potential IAB members, faculty, and graduate/undergraduate students present. This year’s fall meeting took place in Birmingham, AL on October 24 & 25 and was hosted by the University of Alabama at Birmingham.

This year we welcomed our three new University Sites, the University of Louisville, the University of Washington, and the University of Nottingham, into our industry driven research discussions for the 2018 – 2019 research cycle. From these discussions we identified and developed key research interests and opportunities which were then condensed into five main research themes by the IAB and CHOT Site Directors.

Throughout the winter season, Site Directors and IAB members will work together to discuss potential research projects and aims in order to develop proposals for the 2018 Spring IAB Meeting.

2018 – 2019 Research Themes

- Population Health
- Access to Care
- Care Coordination
- Analytics and Innovative Technologies
- Patient Experience

Student Poster Competition

Additionally, the annual Student Research Poster Competition where graduate students presented research findings on on-going CHOT projects was highlighted by current and potential IAB members. There were 10 student research posters presented in total. First place was awarded to Sakthi Kumar Arul Prakash from Penn State University for his poster on Dynamic Heart Rate Measurement Using Facial Key Point Data. Second place went to Cody Wang, Joe Maleki, Chris Kwan, Ellie Cheng, Queency Hou, Autumn Phillips, and Surina Puri from Georgia Institute of Technology for their poster on Machine Learning for Evidence-Based Practice, Risk Prediction and Resource Allocation. Third place went to Justin Lord from the University of Alabama at Birmingham for his poster on Patient Engagement and Hospital Readmissions: The Role of Health Literacy.
Poster Presentation Titles

- Patient Engagement and Hospital Readmissions: The Role of Health Literacy
- Telehealth and Remote Patient Monitoring Systems to Improve Access & Promote Active Patient Engagement in Rural Communities
- Hospital Acquired Infections: Developing a Model to Identify Patients at Risk for Clostridium Difficile Infections Upon Admission to Acute Care Facilities

- Dynamic Heart Rate Measurement Using Facial Key Point Data
- Identifying Best Practices in Readmission Reduction Programs
- Models of Care Coordination and Care Transition in Patients with Traumatic Spinal Cord Injuries
- Evidence-Based Telemanagement Strategies for Pediatric Settings
- Exploring Future Models of Primary Care for Texas

- Machine Learning for Evidence-Based Practice, Risk Prediction and Resource Allocation
- Data-Driven Predictive Analytics to Improve Diagnosis and Treatment-Innovation to Cancer Treatment

Upcoming IAB Meeting: Spring 2017

The next NSF CHOT Industry Advisory Board semi-annual meeting will be held in Houston, TX at the Texas Medical Center on Thursday, April 12th & Friday, April 13th. 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, Lauren Irlinger, at lirlinger@sph.tamhsc.edu or (979) 436-9460.