Notes from the Meeting

CHOT’s Industry Advisory Board (IAB) held its annual meeting in Atlanta, GA on the campus of Georgia Tech. The meeting broke all previous attendance records for total attendance and industry member attendance. The event was attended by over 60 industry members, faculty, and graduate students. Seventeen IAB members represented twelve CHOT member organizations.

This meeting marked the first time where IAB members served as panel discussants for each project grouping. The new format allowed for more meaningful feedback for project proposals while still keeping the meeting duration to just under 1.5 days. One component of the new meeting format was the three-minute presentation. With the aid of a visual+auditory timer (which then queued a rousing round of IAB applause after three minutes), twenty-one project proposals were presented and discussed over two days. The new format, combined with the sharing and scoring of project proposals one month prior to the meeting, was well-received by the IAB and National Science Foundation reviewers. The meeting concluded with an official vote, where each current member voted for their top seven projects. In total, fifteen of the twenty-one projects presented will move forward.

2013 Project Finalists

- Reducing hospital acquired conditions (GT)
- Evaluating the impact of bedside shift reports (TAMHSC)
- Reduction of surgical site infections (GT)
- Reducing readmission incidents (GT)
- ED flow optimization of throughout, non-emergency rerouting, and observation units (PSU, TAMHSC, & NU)
- Appointment access and engineering control of healthcare systems (NU)
- Exploring inter-department variation of physician engagement (TAMHSC)
- Sustaining and spreading best practices: Leadership and diffusion networks (NU & TAMHSC)
- Financial incentives in infection control and rehospitalizations (NU & PSU)
- Design of regional healthcare networks and accountable care organizations (NU)
- A hospital integrated primary care provider network model (TAMHSC)
- Collaborative mHealth Tools for diabetes management (PSU)
- Data visualization in obesity counseling: getting to scale (PSU)
- Optimal care and treatment design for managing multiple chronic conditions (GT)
- Predicting Parkinson’s disease from the comfort of your home (PSU)

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forward during this research year (see sidebar: 2013 Project Finalists). The remaining six projects may be revisited at future CHOT meetings and are encouraged to seek other sources of funding.

Two universities seeking to join CHOT as academic partners also made presentations to the IAB. The University of Washington, represented by Dr. Christopher Johnson and Dr. Christina Mastrangelo, and The University of Alabama at Birmingham, represented by Dr. Robert Weech-Maldonado made brief presentations about the strengths each respective school would bring to the Center, in addition to the likely member organizations. The IAB voted in favor of recommending both universities to apply for a planning grant from the NSF.

2013 IAB Fall Meeting Dates & City Selected

The next IAB Meeting will take place in Boston, MA on October 17-18. Check the Center’s website, www.chotnsf.org for more details in the coming weeks.

Upcoming CHOT Deep Dive Webinar Schedule

**Wed. May 29, 12-1 PM EST**
“Exploring Non-Clinical Users perceptions and use of the Electronic Medical Record”
Madhu C. Reddy, Ph.D.
Penn State

**Wed. June 26, 12-1 PM EST**
“Strategic Change Initiatives in Health Systems: Perspectives on the Role of Absorptive Capacity for Change and Success Factors for Change Implementation”
Bita Kash, PhD, MBA, FACHE
Texas A&M

**Wed. July 24, 12-1 PM EST**
“Cancer surgery multi-stage scheduling and related scheduling optimization problems”
Jim Benneyan, PhD
Northeastern University

**Wed. August 28, 12-1 PM EST**
“Reducing Surgical Sites Infections”
Eva K. Lee, PhD
Georgia Tech

2013 CHOT Industry Members

Children’s Healthcare of Atlanta
East Texas Medical Center
Regional Healthcare Center
Grady Health System
Highmark
MD Anderson Cancer Center
Meadows Regional Medical Center
Morehouse School of Medicine
Partners Health
Seattle Childrens
Siemens
St. Luke’s Episcopal Health System
Studer Group
Texas Children’s Hospital
Verizon