



## CHOT Quarterly Newsletter - Spring 2015

### FEATURED NEWS

#### Industrial engineers visit France to study health care delivery systems



An interdisciplinary team of faculty from CHOT-Penn, graduate student mentors and undergraduate students from the Harold and Inge Marcus Department of Industrial Engineering recently traveled to France to study systems engineering approaches to health care coordination. CHOT Co-Director, Dr. Harriet Black Nembhard, led the team. During the trip, the team attended a three-day conference that provided an opportunity for them to collaborate with faculty and staff from Ecole Centrale Paris, Henri Mondor University Hospital and Saint Camille Hospital, to identify challenges and research opportunities regarding pressing health care issues.

#### University of Washington awarded NSF planning grant to join CHOT



This spring, the University of Washington was awarded a NSF I/UCRC planning grant to join CHOT as a new CHOT site. Dr. Cynthia LeRouge will be the CHOT Co-Director and Dr. Douglas Conrad and Dr. Christina Mastrangelo will be Assistant Co-Directors for the new UW-CHOT site. UW-CHOT will most likely bring five industry members into CHOT, including Mercy Health System.

#### Faculty research interests include:

- Dr. LeRouge: telemedicine, public health informatics, and consumer health informatics
- Dr. Conrad: vertical integrations in health systems, and physician behavior
- Dr. Mastrangelo: empirical stochastic modeling and statistical process monitoring

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## 2015 Winter CHOT IAB Conference Call Recap

CHOT's 2015 Winter Conference call took place at the beginning of the year with CHOT Industry Advisory Board (IAB) members from various industries participating. During the conference call, the CHOT IAB members discussed the voting results of research themes that were developed during the Fall 2014 meeting as well as how to facilitate collaborative research among the industry members.

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### RECENTLY PUBLISHED RESEARCH

#### Medical Alert Management: An automated decision support tool to reduce alert fatigue

CHOT researchers at Georgia Institute of Technology designed an adaptive decision support tool in which past cognitive overriding decisions of users are learned, adapted and used for filtering actions to be performed on current alerts.

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#### Bedside shift reports achieve cost and time savings

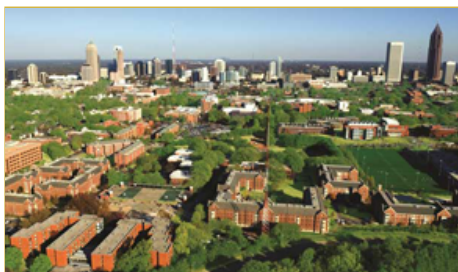
CHOT researchers at Texas A&M University quantified the impact of bedside shift reports (BSRs), a model put into practice by StuderGroup, in relation to improving quality of care, patient safety and patient-centered care. In addition to cost and time savings, BSRs also promoted enhanced team collaboration among nurses.

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### UPCOMING EVENTS



#### CHOT IAB Spring Meeting, April 16 & 17, 2015

Georgia Institute of Technology, Atlanta, GA

Click [here](#) to register for the meeting

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#### CHOT IAB Fall meeting October 8 & 9, 2015

Location: Boston, MA

Details will be available soon.

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