



CHOT Quarterly Newsletter - Spring 2018

FEATURED NEWS

Dr. Thomas Ferris named CHOT's new Center Co-Director



CHOT is very excited to announce the new Center Co-Director, Dr. Thomas Ferris. Dr. Ferris is an Associate Professor in Industrial & Systems Engineering at Texas A&M University and is a tenured, well published human factors engineer with over 10 years of experience in the healthcare setting. Dr. Ferris and his students have been engaged with CHOT projects since 2008. Dr. Ferris' research interests are in Human Factors and Cognitive Ergonomics, and can be

described as the study of cognition in human-machine engineered systems. His primary focus involves human information processing and design to support attention and interruption management. In particular, he investigates novel interface design techniques, employing alternative display modalities such as the sense of touch. Other research interests include human error, decision making under time pressure, and human-automation interaction. He has interest and experience in applying his research to the domains of medicine (anesthesiology), military operations (command and control, UV control and operations), aviation (cockpit automation, air traffic control), and ground transportation. We at the Center are extremely excited about Dr. Ferris's transition into the Center Director role in the coming years and look forward to his leadership in moving CHOT forward.

Click [HERE](#) for his full biography!

Spring 2018 IAB Meeting Recap



The Center for Health Organization Transformation's (CHOT) 2018 Spring Industry Advisory Board (IAB) Meeting was hosted by Texas A&M University at CityCentre's Red Oak Ballroom in Houston, Texas. In total, there were over 60 individuals in attendance, including 16 IAB members and 6 potential IAB members. Over 1.5 days, a total of 13 research project proposals were presented for the research themes that resulted from CHOT's 2017 Fall IAB Meeting: population health, care coordination, analytics and innovative technologies, patient experience, and access to care. After each presentation, IAB members were given time to provide feedback via the NSF LIFE Form. Following the meeting, site directors and PI's worked to refine the

research project proposals based on industry feedback from the meeting as well as from the NSF LIFE Forms completed by IAB members. IAB members were then asked to rank their top seven research project proposals of the 13 presented at the meeting. Click [HERE](#) for the full meeting recap!

After voting, the Industry Advisory Board selected these 12 projects for this research cycle:

- Comprehensive Analysis on Impact of Social Determinants to Improve Care Across Populations
- Participating in a Community Health Improvement Network
- The Effectiveness of Substance Abuse Treatment Services in Combating Opioid Crisis
- Measuring Patient Experience and the Effects of Community Factors on Value-based Reimbursement across the Continuum of Care
- Developing a Risk Prediction Model for Hospital Acquired Clostridium Difficile Infection
- HIE Project for Chronic Disease and Workflow Management
- Leveraging technology to enhance communication in healthcare
- Data-driven analytics and machine learning for improving healthcare outcomes
- Care Coordination Activities for Individuals with Spinal Cord Injury
- Embedding Routine, Informal Family Caregiver Assessment of Delirium Superimposed on Dementia into Acute Care
- Telemedicine in Primary Care and in the Management of Chronic Conditions: Exploring Patient & Provider Perspectives
- Ask Me 3®: A Home Health Intervention to Address Health Literacy Barriers, Increase Patient Engagement, and Improve Patient Experience and Outcomes

NEW IAB MEMBERS



CHOT is very excited to announce and extend a warm welcome our newest Industry Advisory Board member **York Risk Group**! York Risk Services Group is the third largest multi-line TPA and has been a leading national provider of specialty claims and risk management services to the markets we serve for more than 60 years. York Risk Group is partnered with the CHOT site at the University of Alabama at Birmingham. We welcome you!

RECENTLY PUBLISHED RESEARCH

Development of sustainable community paramedicine programmes: a case study in Pennsylvania



Community paramedicine (CP) models have been applied across rural and urban communities in support of healthcare delivery systems for nearly two decades. However, there is still insufficient information regarding the development of sustainable CP programmes. This study explores the strategies used by active CP programmes and investigates their operational statuses, community demographics, financial models and challenges for programme development. A series of interviews was conducted with four CP programmes in Pennsylvania, USA, which are affiliated with a local government, a health system, an ambulance service and an emergency medical service, respectively. Each CP programme uses its own model with unique goals, as well as providing corresponding services/care based on the demands from their communities. The challenges and solutions from the four programmes under study can provide a road map for the development of CP programmes for other communities.

[READ MORE](#)

UPCOMING EVENTS



Summer 2018 Conference Call
Thursday, August 9th, 2018
1:00 - 3:00pm CST

Fall 2018 IAB Meeting
October 11 & 12, 2018
MITRE facility in McLean, VA

Details can be found on the [CHOT website](#) including registration and accommodations.



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