2018 Ann Arbor Health Services Research Symposium

The ultimate goal of health services research is to make a positive impact on healthcare policy, delivery and practice. The 2018 Ann Arbor Health Services Research Symposium will focus on translating research to impact. Our renowned speakers will share stories about how their research led to major changes in healthcare policy, administration and the lives of patients. Through TED-style talks, the speakers will take participants on a journey from their research lab to the mainstage, including all of the challenges along the way. The talks will inspire, motivate and train the next generation of health services researchers to make an impact of their own.

Interprofessional Team Training in Airway Surgery

Safe and successful airway surgery requires an interprofessional team of anesthesia providers, otolaryngologists, OR nurses, and surgical technicians to work closely and effectively together. The high-stakes and dynamic nature of airway surgery demands efficient communication and technical proficiency with specialized airway equipment from all team members. By virtue of sharing the airway, the lines become blurred between the disciplines involved, and yet members of each discipline traditionally learn via separate training programs. We propose a training program with the following objectives:

1. Evaluate the feasibility of instituting an interprofessional team training curriculum for airway surgery at UH OR;
2. Develop an interprofessional simulated scenario for airway surgery in which learners progress through a difficult airway algorithm during a crisis situation;
3. Using established metrics, determine which areas are in need of improved training.

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**Team Members:** William K. Hart, MD; Helen Chang, RN; Jonnie Weaver, CST; Rebecca Hoesli, MD

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**An Inter-professional Simulation-Based approach to Improving Maternal and Neonatal Care in Obstetric Emergencies**

The overall objective of this CME course is to train obstetrics healthcare providers to manage complex obstetrical emergencies. Utilizing the American College of Obstetrics and Gynecology’s (ACOG) Emergency Clinical Obstetrics (ECO) course, a combination of didactic and hands-on clinical simulation scenarios, participants will have the unique opportunity to practice the following four high-value scenarios in a safe, observed environment: shoulder dystocia; postpartum hemorrhage; vaginal breech delivery; and umbilical cord prolapse.

ECO is novel in its approach to provide a meaningful educational experience in which obstetrics healthcare providers learn critical clinical, technical, and teamwork skills, alongside members of their respective care teams (i.e. nurses, nurse midwives), while earning American Board of Obstetrics + Gynecology (ABOG) - approved MOC credit and CME.
This will be Michigan Medicine’s first large scale obstetrics simulation training course offered to both members of the Michigan Medicine and community healthcare teams, involving all members of the healthcare team (provider, nurse, resident, and student).

Identifying Trafficked and Commercially Sexually Exploited Youth in Health Care Setting

Human trafficking and commercial sex exploitation is a significant public health concern that remains prevalent in Michigan. Trafficking research shows that over 87% of survivors surveyed had contact with medical providers while being trafficked. However, training opportunities to identify victims remains limited.

The Adolescent Health Initiative will develop an innovative, multidisciplinary CME course on “Identifying Trafficked and Commercially Sexually Exploited Youth in Health Care Settings” to address this need.

This event will focus on opportunities for health care professionals across the clinical setting to identify signs of trafficking and sexual exploitation among adolescent and young adult patients, strengthen practices, facilitate disclosure, and improve victim identification.

Participants will have the opportunity to learn from experts in the field, survivors of trafficking, peers, and other health professionals through a plenary session, panel discussion, simulated patient interactions, and teach-back activity with their health center teams upon completion of the event.
Identifying and Responding to Intimate Partner and Dating Violence: Practical Training Sessions for Healthcare Providers

The overall objectives of this CME activity are for healthcare providers to identify and respond to intimate partner violence (IPV) and adolescent dating violence (DV), both pervasive and with significant health consequences. We will provide a live training with lectures, practical scenarios, interprofessional activities, and participation in role-play with direct observation and feedback by IPV/DV experts.

For those unable to attend the live training, we will create online self-study CME materials. These live and online trainings are designed to improve general knowledge, develop practical clinical skills, and practice self-care including trauma-informed methods.

Our materials are for an interdisciplinary audience including physicians, nurses, nurse practitioners, physician assistants, midwives, social workers, and psychologists. Participants can evaluate the trainings through pre- and post-assessments. The trainings build on work in the UM Injury Prevention Center and Department of Emergency Medicine.

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