



CENTER FOR CLINICAL AND TRANSLATIONAL SCIENCE

8th Annual Community Engagement and Research Symposium
Friday, March 22, 2019; 8:15 AM – 1:30 PM
Albert Sherman Center
University of Massachusetts Medical School, Worcester, MA

PRESENTATION DESCRIPTIONS

Keynote	10:45 AM – 12:00 PM
<p style="text-align: center;">Mona N. Fouad, MD, MPH Building Capacity in Health Disparities Research <i>Albert Sherman Center, Lecture Hall/Auditorium (2nd floor) AS-2102</i></p> <p style="text-align: center;">Senior Associate Dean for Diversity and Inclusion Director and Professor, Division of Preventive Medicine Director, Minority Health and Health Disparities Research Center School of Medicine, University of Alabama at Birmingham</p>	
Breakout Sessions	9:30 AM – 10:30 AM
<p style="text-align: center;">Session 1</p> <p style="text-align: center;">Planning for sustainability in a time of uncertainty; getting to yes in the age of no <i>(Faculty Conference Room S1-342, School Lobby)</i></p> <p>Moderator/Presenter: Matthew Sadof MD, Associate Professor in Pediatrics, University of Massachusetts Medical School-Baystate, Adjunct Associate Professor, Tufts University School of Medicine</p> <p>Session Description: Obama era grants were filled with the hopes of developing and implementing measures to improve healthcare delivery. Springfield Pediatrician Matt Sadof will present his experience as one of the Principle Investigators for the Massachusetts Alliance for Coordinated Care, a care coordination for children with medical complexity and social fragility funded by Center for Medicaid and Medicare Innovation at two urban centers in Massachusetts Baystate Children’s Hospital and Boston University Medical Center. As a consultative program it supported improved communication between primary care providers and specialists at two geographic locations across the state. Relying on an ambulatory ICU (complex care physician, nurse care coordinators, nutritionists, developmental specialists, social workers and family navigator) it identified and developed systems that would streamline acquisition of services and equipment and housing that would improve the lives of families and decrease morbidity and cost in medically and, long term care costs and increased home care costs.</p> <p>ACO and CHIP uncertainty had lead organizations, state and private insurers reluctant to commit. By paying attention to processes and emphasizing data important to each of their local environments they have been able to transform these programs into functioning programs designed to improve care.</p>	
<p style="text-align: center;">Session 2</p> <p style="text-align: center;">Lessons of Community Engagement: The Worcester Healthy Baby Collaborative (WHBC) and Infant Mortality in Worcester <i>(Albert Sherman Center, 5th floor, Large Conference Room AS5 – 2072)</i></p> <p>Moderator: Sara Shields, MD, MS, FAAFP –Moderator, Professor, Family Medicine and Community Health, UMass Medical School; Family Health Center of Worcester</p> <p>Presenters: Heather Alker, MD, MPH, Preventive Medicine Faculty, Department of Family Medicine and Community Health, UMass Medical School</p>	

Tasmina Hyderey, PharmD, RPh, MBA, Clinical Consultant Pharmacist IV, Assistant Professor, Department of Family Medicine and Community Health, UMass Medical School, Clinical Pharmacy Services

Cathy Violette, NPDNP, AWHC-RNC, WHNP-BC, Department of Obstetrics and Gynecology, UMass Memorial

Session Description:

The Worcester Healthy Baby Collaborative (WHBC) consists of a group of volunteers from organizations with an interest in reducing infant mortality in Worcester, including representatives from UMass Memorial, Family Health Center of Worcester, the Massachusetts Department of Public Health, and the March of Dimes. The organization originally began as the Worcester Infant Mortality Reduction Task Force in the mid-1990s in order to examine trends in Worcester's infant mortality rate (IMR). This work has continued, evolving in response to changes in both the needs and desires of the local community, and has come to encompass several intervention and reduction strategies over the past two decades.

Ultimately, in pursuit of the goal of IM reduction, the WHBC's mission is to improve health outcomes for infants and their families by engaging and working collaboratively with the community to reduce health inequities, so that Worcester's infant mortality rate is decreased. Our work thus seeks to make a wide variety of improvements in the "social determinants of health." The WHBC collects and examines data around IM by conducting reviews of the medical charts surrounding an infant death, and tackles specific projects addressing these social determinants of health.

Although overall IMR has decreased from 8-10 to about 5, ongoing disparities remain with Hispanic IMR higher than our overall IMR at a time when state and national trends do not show this higher Hispanic IMR.

Presenters will describe their progress in the last decade in addressing the racial and ethnic disparities in Worcester using a community-engagement model. Presenters will review their work with the local Ghanaian community that led to the Nhyira Ba project, with lessons learned from that project informing 2016 work with the Latino community and from their work to develop Worcester's Baby Box initiative. Throughout this work, real time chart audits by volunteer physicians have enabled the group to remain ahead of the state's data about local IMR. This panel discussion will include the current preventive medicine faculty member who does the chart reviews discussing her work with local college students using in-depth Geographic Information Systems (GIS) to analyze data; the current family medicine faculty member who chairs the WHBC and the current nurse member who is recent past vice-chair to review the history and future goals; the current Commonwealth Medicine member who leads the Baby Box community project funded by the UMass Remillard Foundation, with multidisciplinary groups of medical and nursing students working in the community. Presenters will survey the audience before their presentation on their knowledge of WHBC work and survey the audience during Q&A for ways to further engage with the community.

Objectives of this breakout session include: 1) Explain concepts of community-oriented approach to addressing infant mortality disparities, using Worcester as an example, 2) Summarize three projects that use these concepts currently in Worcester (chart audit and academic collaboration, Baby Box program, ongoing WHBC work).

Session 3

Engaging African Immigrants in Addressing HIV Disparities within the Population

(Albert Sherman Center, 7th floor, Large Conference Room AS7 – 2072)

Moderator: Lorraine Anyango - Tulumbe! Project Coordinator

Presenters:

Mbita Mbao, LICSW - Tulumbe! Partnership

Dara Oloyede, MPH - Tulumbe! Partnership

Session Description

The Tulumbe! Partnership was created with funds from the Pipeline to Proposal (P2P) awards established by the Patient-Centered Outcomes Research Institute (PCORI). The P2P awards were designed to develop partnerships; promote patient engagement; and build patient-led research proposals. Tulumbe! has spent the last two years working to engage the African immigrant community in addressing issues related to HIV, specifically focusing on identifying research topics and questions

that are important to community members. There are currently 10 core members representing health providers, African immigrants living with HIV, advocates, researchers and community leaders.

Tulumbe! has utilized various approaches to engage African immigrants in research and advocacy, including (1) ensuring African immigrants are on the Tulumbe! core partnership support (2) inviting them to attend various HIV specific events (3) convene community forums (4) surveys and (5) listserv. As a result of our efforts, we received additional funding from the Getting to Zero Coalition to implement a photovoice project based on the communities' priority to address HIV stigma.

Tulumbe! will discuss how they have engaged community partners in different stages of the research projects. In this breakout session, Tulumbe! will discuss the challenges and successes of engaging African immigrants by focusing on the engagement opportunities implemented as part of the Tulumbe! Project, as well as highlight the challenges and successes in developing a diverse partnership. The 6-topics that compose the research agenda and a photovoice project will be presented.

Session 4

Parent Engagement and Empowerment: a community-based participatory trial to prevent childhood obesity in low-income children

(Albert Sherman Center, Lecture Hall/Auditorium, 2nd floor, AS2-2102)

Moderators/Presenters:

Alyssa Aftosmes-Tobio, Harvard T.H. Chan School of Public Health
Kindra Lansburg, Action for Boston Community Development

Session Description

The Communities for Healthy Living (CHL) project is a five year, pragmatic intervention trial to reduce and prevent childhood obesity among low-income preschoolers in the Greater Boston area. This workshop will demonstrate the successes and challenges of engaging parents as participants and leaders of a participatory intervention to prevent childhood obesity. Key lessons learned; give insight on how staff and parents were engaged from the outset; and what this type of program can offer diverse groups of parents.

With a particular focus on the participatory nature of our work, we will describe the stages of our trial and discuss the current status of the project. Presenters will outline how CHL differs from other childhood obesity prevention trials, and place emphasis on their parent health and empowerment program – the keystone to the project. The presenters will lead the group in several activities taken directly from the parent program, to illustrate how parents of varying backgrounds and literacy levels can be engaged around health topics.

The UMCCTS Community Engagement & Research Section is part of the Clinical and Translational Science Award (CTSA) program, funded by the National Center for Advancing Translational Sciences (Grant # UL1TR001453) at the National Institutes of Health (NIH).

For more information on the UMass CCTS Community Engagement & Research Section, visit <http://www.umassmed.edu/CCTS/Community>.