



PROVIDING BETTER HEALTHCARE THROUGH SYSTEMS ENGINEERING

MONDAYS AT 4:30PM EST, FALL 2020

VIRTUAL SEMINARS & DISCUSSIONS

FOCUSED ON COVID-19,

DISPARITIES, & ADDITIONAL

TIMELY TOPICS

8/31	A SIMULATION BASED COMPARISON OF POINT-OF-CARE TESTING AND CENTRAL LABORATORY TESTING	Vikrant Vaze, Ph.D. Dartmouth
9/14	IMPROVING VACCINE ACCESS: OPTIMIZING STORAGE AND HUB LOCATION IN A DEVELOPING COUNTRY	Ekundayo Shittu, Ph.D. George Washington University
9/21	CHEPS ALUMS AND THEIR EXPERIENCE FIGHTING COVID-19	Joe East , Maine Medical Center; Pamela Martinez , UC Health; Bill Zhang , Kaiser Permanente; Additional Speakers TBA
9/28	OLDER ADULTS, TECH USE, AND SOCIAL WELL-BEING DURING COVID-19 AND BEYOND	Robin Brewer, Ph.D. University of Michigan
10/5	PUBLIC HEALTH SCREENING: MODELS, ALGORITHMS, AND POLICIES	Ebru Bish, Ph.D. University of Alabama
10/12	HOW LEAN CULTURE IS FIGHTING AGAINST THE CORONAVIRUS	Andy Van Sumeren, Director of Operational Excellence , GE Healthcare
10/19	TRACKING A PANDEMIC: AN ANALYTICAL VIEW OF THE COVID-19 PROGRESSION AND IMPLICATIONS FOR BUSINESS	Mark A. Van Sumeren, Managing Director Health Industry Advisor LLC
10/26	ANALYZING THE VALUE OF FLEXIBILITY AND ADAPTABILITY IN OUTPATIENT HEALTH CENTER OPERATIONS	Jackie Griffin, Ph.D. Northeastern University
11/2	RIGHTSIZING PRENATAL CARE: TAILORING PRENATAL SERVICES TO MATCH PATIENTS' NEEDS * this talk will start an hour later than usual at 5:30 PM EST*	Alex Peahl, MD, MSc Michigan Medicine
11/16	OPTIMAL INFLUENZA VACCINE DISTRIBUTION CONSIDERING EQUITY	Shakiba Enayati, Ph.D. University of Missouri - St. Louis
11/30	AN INDUSTRIAL ENGINEERING-BASED APPROACH TO DESIGNING AND EVALUATING HEALTHCARE SYSTEMS TO IMPROVE VETERAN ACCESS TO CARE	Adam VanDeusen, Ph.D. Candidate University of Michigan
12/7	AVAILABILITY AND UTILIZATION OF KEY HEALTHCARE RESOURCES DURING THE COVID-19 PANDEMIC IN RURAL TEXAS	Eduardo Pérez, Ph.D. Texas State University

This seminar series is presented by the U-M Center for Healthcare Engineering and Patient Safety (CHEPS): Our mission is to improve the safety and quality of healthcare delivery through a multi-disciplinary, systems-engineering approach. For the Zoom link and password and to be added to the weekly e-mail for the series [RSVP here](#). For additional questions, please contact CHEPSseminar@umich.edu.