



**I-PrACTISE Conference – June 2-4, 2019**  
Improving PrimARy Care Through Industrial and Systems Engineering  
Program Agenda

**Sunday, June 2**

Time	Activity	Location
1 - 5 pm	Pre-conf workshop: Introduction to Systems Engineering in Health Care	ISEC building Room 142
5 - 7 pm	Pre-registration and Poster set-up	

**Monday, June 3**

Time	Activity		Location
7 - 8 am	Registration and Continental breakfast		ISEC atrium
8 - 8:20 am	<b>Welcoming remarks and conference vision</b> – J Beasley, J Benneyan, J Bean		Auditorium
8:20 - 9: 20 am	<b>Keynote: Dr. Joseph Kimura</b> , Chief Medical Officer, Atrius Health <i>“Affordable Care and Population Health: Challenges and Opportunities”</i>		
9:20 - 9:40 am	Break		
9:40 - 10:35 am (session A)	<b>A1: Modeling Clinic Operations</b> 1: Ward - ObGyn logistics/scheduling 2: Griffin (NU) - Clinic simulation	<b>A2: Challenges of Primary Care</b> 1: John Beasley (UW) - PC realities 2: Sandoval (UVM) - Human centrd care	Breakout rooms  Track 1: 140-142 Track 2: 136-138
10:40 - 11:40 am (session B)	<b>B1: Practice Workflow</b> 1: Harder, Stahl (DHMC) - POCT flow 2: Li (UW) - Physician work flow	<b>B2: Scaling ISE in Healthcare</b> 1: Hagg (VA) - ISE in the VHA 2: Benneyan (NU) - National initiatives	
11:40 - 12:25 pm	Lunch		Atrium
12:25 - 1:40 pm	<b>Panel discussion: The AHRQ Patient Safety Learning Labs</b> Matt Carmody (EHRL), Emma Simon (NYU), Mike Weiner (Indiana)		Auditorium
1:45 - 2:45 pm (session C)	<b>C1: Information Management</b> 1: M. Weiner (IU) - Wearables 2: Fuller (NU) - HIT cognitive load analysis	<b>C2: Clinician-Engineer Collaboration</b> 1: J. Berry (BCH) - Peri-op coordination 2: E. Aaltonen (NYU) - Improving IR 3: Carlile (BWH) - Value in health care	Breakout rooms  Track 1: 140-142 Track 2: 136-138
2:45 - 3:00 pm	Break		
3:00 – 3:50 pm (session D)	<b>D1: Care Giver Burden</b> 1: Alshaiji (OR) - Care team burnout 2: Bargal (NU) - Burden modeling	<b>D2: Population Health</b> 1: Kraft, Gaspar (DH) - Pop health 2: Ilies (NU) - Opioid epidemic	
4:00 – 5:00 pm	<b>Closing Keynote: Dr. Gordon Schiff</b> , Harvard Center for Primary Care <i>“Diagnostic Error in Primary Care: What Do We Know, What Opportunities?”</i>		Auditorium
5:00 - 6:30 pm	Poster Reception and Light Refreshments		

**Tuesday, June 4**

Time	Activity	Location	
7 - 8 am	Continental breakfast	ISEC atrium	
8:00 - 9:00 am	<b>Keynote: Dr. Michael Kanter</b> , Medical Director of Quality & Clinical Analysis, Kaiser Permanente Southern CA Medical Group <i>“Redesigning primary care beyond primary care office visits”</i>	Auditorium	
9:00 - 10:15 am	<b>Panel discussion: The CMS Practice Transformation Networks</b> Sharlene Mac, Melissa Denino (Garden State PTN); Nadia Adams, Malaz Boustani (Great Lakes PTN)		
10:15 - 10:30 am	Break		
10:30 - 11:20 am (session E)	<b>E1: Human Factors Engineering</b> 1: Beasley (UW) - Role of HFE 2: Endsley (UW) - Situational awareness 3: Ramley (UW) - System redesign	<b>E2: Patient Engagement in QI/SE</b> 1: Atkinson - Engagement model 2: Hunt, Ward, Squires - Patient experiences	Breakout rooms Track 1: 140-142 Track 2: 136-138
11:30 - 12:30 pm	<b>Lunch and Panel discussion: Involving Students in ISE</b> Uliano (Lahey), Jones (UF), Yap (OSU), Nehls (UF), Seneski (BCH)	ISEC atrium	
12:30 - 1:20 pm	<b>Closing Keynote: James Benneyan</b> , Director, HSyE Institute <i>“Systems Engineering, the Triple Aim, and Thinking Differently”</i> <b>Reflections, Common Themes, and Next Steps</b> <i>Beasley, others</i>	Auditorium	
1:20 pm	Adjourn		
1:30 - 2:30 pm	<b>I-PrACTISE advisory council and business meeting</b> (open session)	Breakout room	

**Posters**

<i>Managing external constraints in interdisciplinary teams: Considerations for systems engineers.</i> Atkinson, Higgins, Singer. Harvard School of Public Health	<i>Ambulatory clinic sprint: A tool to improve electronic medical record user satisfaction.</i> McEntree, Suratt. University of Vermont	<i>Piloting a tool to measure patient-perceived barriers to dermatology access.</i> Cyr, Guthrie, Benneyan, Board, Boucher. Northeastern University
<i>Using your EHR to improve opioid/chronic pain syndrome outcomes in Primary Care.</i> Marie Sandoval. University of Vermont/Fletcher Allen	<i>Disseminating and implementing system change (DISC): Blending implementation science and human factors perspectives.</i> Edmond Ramley. University of Wisconsin	<i>Development and evaluation of health care ISE regional extension centers.</i> Balint, Sahney, Benneyan. Northeastern University
<i>Modeling caregiver burnout from a Markov perspective.</i> Bargal, Benneyan. Northeastern University	<i>Improving chronic opioid prescribing in the primary care setting with systems engineering methods.</i> Fuller, Bargal, Carlile, Schiff, Benneyan. Northeastern University	<i>Model-based analysis of state screening policies for trauma experienced by children entering foster care.</i> Kaya, Bargal, Benneyan. Northeastern Univ
<i>Systems engineering approaches to the opioid epidemic.</i> Benneyan, Ilies, Yang, Ozek, Nwagbara. Northeastern Univ	<i>Patient safety in primary care: Literature review and ISE opportunities.</i> Awatef Ergai, Kennesaw State University	<i>Outpatient clinic layout design accounting for flexible policies.</i> Suhaimi, Griffin. Northeastern University
<i>Ambulatory practice redesign.</i> Annmarie Uliano. Lahey Health System	<i>Advances in healthcare simulation demonstration.</i>	