



MIT SLOAN: DESIGNING FOR HEALTH

Leveraging analytics for a proactive health system

Thursday, December 6, 2018

Location: E51 - Wong Auditorium, 2 Amherst Street, Cambridge, MA 02142

Conference Moderator: Jay Levine, *Retired Principal of ECG Management Consultants*

- 8:30 - 9:00** REGISTRATION AND CONTINENTAL BREAKFAST
- 9:00 - 9:05** **Welcome Remarks**
Maria Zuber, E. A. Griswold Professor of Geophysics, and Vice President for Research, MIT
- 9:05 - 9:10** **Perspectives from the HSI Advisory Board**
Ron Williams, SF '84, Chairman and CEO, RW2 Enterprises, LLC
- 9:10 - 9:15** **Overview of the Day**
Jay Levine, Retired Principal of ECG Management Consultants
- 9:15 - 9:45** **Opening Session**
Joseph Doyle, Erwin H. Schell Professor of Management and Applied Economics, MIT Sloan School of Management
- 9:45 - 10:15** **Morning Keynote: J(Science) Fiction → (Science) Fact: The Tomorrow of Medicine + Health Technology**
Howard A. Zucker, MD, JD, Commissioner, New York State Department of Health
- 10:15 - 10:45** BREAK
- 10:45 - 11:45** **PANEL 1: Food as Medicine: Building the Evidence**
This panel introduces cutting edge food-as-medicine programs, describes the current state of knowledge surrounding the programs and ongoing research approaches to demonstrate their value to patients and healthcare systems. Credible research on the benefits of these programs is necessary to catalyze systems change across a wide variety of settings.
- Moderator:** *Joseph Doyle, Erwin H. Schell Professor of Management and Applied Economics, MIT Sloan School of Management*
- Ana Ayala, VP of Programs, Project Open Hand*
Seth A. Berkowitz, MD, MPH, Assistant Professor of Medicine, Division of General Medicine and Clinical Epidemiology, University of North Carolina at Chapel Hill
Kartiika Palar, Assistant Professor, UCSF, Project Open Hand Investigator
Michelle A. Passaretti, RN, BSN, CCM, Senior Director of Innovations, Geisinger
David B. Waters, CEO, Community Servings, Boston

11:45 - 12:30 **PANEL 2: How Can We Transform Health with Precision Health?**

Since the launch of the Precision Medicine Initiative in 2015, a key debate has been whether the focus should be on personalized disease diagnosis and treatment vs precision population/public health, or some creative combination of both. But a more fundamental question is how can we develop the evidence and tools for using personalized data to impact health outcomes? How can we use this data? How good and how useful is it? And how does the work of healthcare support or inhibit use of data in patient care and population health?

Moderator: Elizabeth Baca, MD, MPA, Deputy Director, California Governor's Office of Planning and Research

Mariana Arcaya, Assistant Professor, MIT DUSP

Ernst Berndt, Professor of Applied Economics, Emeritus, MIT Sloan School of Management

Domenick Bertelli, MBA '99, Partner, Putnam Associates

Robert C. Green, MD, MPH, Professor of Medicine (Genetics), Harvard Medical School, and Director, Genomes2People Research Program, Brigham and Women's Hospital and the Broad Institute

12:30 - 1:30 NETWORKING LUNCH

1:30 - 2:15 **PANEL 3: Collaborative Models for Care Transformation**

Care for people with complex health needs drive much of the high cost of care in under-resourced populations. Most of this care, for over 75 million beneficiaries, is paid for by state and federal governments through Medicaid and Medicare. Several states are innovating in myriad ways in order to transform how care is delivered to those who need it most, and private payers are innovating in new ways as well. However, these innovations tend to be localized, minimally documented and infrequently researched. Opportunities to support this transformation abound, and panelists will discuss ongoing efforts, barriers, and enablers.

Moderator: Jason Helgeson, MPP, Founder, Helgeson Solutions Group

Andrew Bertagnolli, Vice President Behavioral Health Clinical Product, Optum

Chris Goldsmith, President, Landmark Health

Valerie F. Pietry, MD, MS, TPP '85, Chief Medical Officer, Family Health Center of Worcester

2:15 - 2:30 **HSI and Education**

Anne Quaadgras, SB '85, SM '86, DBA, Director, Initiative for Health Systems Innovation and Senior Lecturer, MIT Sloan School of Management

2:30 - 3:00 BREAK

3:00 - 3:45 **PANEL 4: Food System Interventions to Curb Chronic Illness and Promote Health**

Unhealthy food has long been associated with a high prevalence of preventable chronic illnesses such as diabetes, cardiovascular disease, and many cancers. But how can we ensure that healthy food reaches those who need it most – either to help control illness or prevent it? In this panel we discuss innovative research and practical approaches that deserve a closer look, and barriers and opportunities to systemic movement of the food system to make healthier choices easier to make.

Moderator: Georgia Perakis, William F. Pounds Professor of Operations Management, Operations Research and Statistics, MIT Sloan School of Management

Sue AnderBois, Director of Food Strategy, State of Rhode Island

Laurie "Duck" Caldwell, Executive Director, Boston Area Gleaners, Inc.

Timothy Griffin, Associate Professor, Director, Division Chair - Agriculture Food and Environment, Friedman School of Nutrition Science and Policy, Tufts University

Lisa Sebesta, Founder, Sitari Capital

3:45 - 4:15 **Afternoon Keynote: Confronting the Opioid Epidemic: A Many Systems Approach**

Karen Smith, MD, MPH, Director, California Department of Public Health

4:15 - 4:30 **Closing Remarks**

4:30 - 5:30 RECEPTION