Innovations in Health Care Transformation:

Learning Objectives and Bios of Industry Speakers

PANEL 1. Care Innovations outside the Hospital Walls

Dr. Ramu Kannan, Chief Information Officer, CityMD

1. Post visit, how to notify the patient's PCP - automated notifications
2. How to automate the process of referrals (STAT, URGENT, ROUTINE, LIST) and follow up on referrals
3. Ways to coordinate 'aftercare' via a combination of software solutions (use colors to highlight), telephone encounters, texting, patient portal etc.

Ms. Rakhee Langer, Patient Engagement, eClinicalWorks

1. The tools and solutions for patient engagement outside the doctors office.
2. The fundamentals on how to engage patients better – what works!
3. The role of the patient engagement tools in the changing healthcare space

Mr. Win Burke, President & CEO and Co-Founder, igetbetter.com

TBD

Mr. David Bobryk, BI Manager, St Joseph Mercy Health Systems

1. Role of external care providers in post-discharge care
2. Tele-health technology – opportunities and challenges
3. Finding the right incentive models to support continuity of care

PANEL 2. Care Innovations inside the Hospital Walls

Dr. Bassam Kadry, Anesthesiologist, Informatist, and the Director of Technology Discovery and Strategic Development, Stanford University School of Medicine.

1. Understanding the complexities in scheduling resources to manage OR
2. Role of Technology in planning resources (e.g. WiseOR)
3. Impact of the technology on key metrics and potential limitations

Dr. Mitchell Tsai, M.D., M.M.M., Associate Professor, Department of Anesthesiology; Orthopaedics and Rehabilitation (by courtesy), University of Vermont Larner College of Medicine

1. Cite operating room management metrics
2. Apply the concepts in a real-world setting
3. Use complexity theory to design self-governing systems

Mr. Jack Weiner, President of JW Healthcare Concepts

1. Ability to define a strategic structure to address organizational goals
2. Creation of a technologic program to define and measure performance in real time
3. Understand how to deploy technology to address patient care issues and alter care outcomes

Dr. Benjavan Upatising, Health Systems Engineering, UMass Memorial, Worcester

1. An overview of how data mining in helping to improve our process / length of stay
2. An overview of how discrete event simulation is used in perioperative (operating room) planning
3. An overview of how optimization is used to explore opportunities to level perioperative census
4. An overview of how Tableau is used as a data visualization tool

PANEL 3. Innovations in Care Transformation

Mr. Janak Joshi, SVP and CTO, lifeIMAGE

1. Understand where and what technologies are key to disruption in healthcare delivery
2. Understand the cycle time to commercialization and what identifies as a true commercial opportunity
3. Understand key ecosystem players that serve as the distributors of disruption in healthcare and why they are critical to your success

Mr. Alex Plum, Senior Program Coordinator, The Global Health Initiative at Henry Ford Health System

1. Identify at least 2 drivers for a health system toward adapting global approaches for local use
2. Identify at least 2 barriers preventing health systems from adapting global approaches
3. Explain what reverse innovation means in the context of US healthcare settings

Mr. Deven Atnoor, Sysbiochem, LLC

TBD

Mr. Ken Accardi, CEO at Ankota

1. Understand the population demographics and growth in our elderly population
2. learn about care options for the elderly

3. draw conclusions regarding innovation that will transform this industry

BIOS

Panel 1: Care Innovations outside the Hospital Walls

Dr. Ramu Kannan, Chief Information Officer, CityMD

Ramu Kannan is the Chief Information Officer (CIO) at CityMD, a rapidly growing urgent care company based in New York City. Ramu is a part of the CSuite that helps define the vision, purpose and strategic objectives of CityMD, and engage with payer and provider organizations in implementing processes and solutions to ensure better outcomes and continuity of care for patients. Ramu is also leading the patient digital experience initiatives at CityMD, which includes implementing kiosks, patient portal, telemedicine and real time integration of patient medical records across the provider ecosystem.

Ramu has more than 20 years experience in healthcare information technology. He has served in an executive role in many large healthcare organizations including 13 years at Humana. Prior to joining Humana, Ramu was the CTO at two software companies that built healthcare related software systems. These solutions were implemented at multiple Fortune 500 companies including Raytheon, Allied Signal (Honeywell), Time Inc., Wachovia, Medtronics, Boston Scientific, Humana and MIT. Ramu is a graduate of Syracuse University, and holds a PhD in Information Systems.

Ms. Rakhee Langer, Patient Engagement, eClinicalWorks

Rakhee Langer is the Business Lead for Patient Engagement solutions at eClinicalWorks, an industry leading health IT company focusing on Electronic Health Records with unified Practice Management, as well as ancillary patient facing and practice facing solutions.

Rakhee's career in healthcare began over 10 years ago at eClinicalWorks, by working with doctors and practice staff on optimizing the functional use of the EHR. As Rakhee advanced within the company, her experience expanded to include EHR implementations for large hospital systems and, ultimately, patient engagement. Her current focus on patient engagement includes meeting the challenges of building intuitive software solutions for both patient and provider, improving patient outcomes, and creating efficiencies within patient and practice communication. Rakhee has a Masters in Biomedical Engineering from University of Texas at Arlington"

Mr. Win Burke, President & CEO and Co-Founder, igetbetter.com

Win, a serial entrepreneur, has been the CEO of iGetBetter, Inc., his seventh early stage company, from the time it was established in February, 2013. His previous experience with early-stage companies, includes most recently as CEO of Incentive Targeting, which was sold to Google; Bungee Labs (Co-Founder & CEO); ViryaNet (CEO, successful IPO); ViewSoft (SVP of Sales & Marketing, sold to Citrix); ObjectLink (Founder and CEO, sold to SunSoft);

and Oberon Software (SVP of Sales & Marketing, sold to OnDisplay). He is also experienced in larger company operations, having held senior executive sales and marketing positions at Orbotech, Gentia Software, Applix, Wang Labs, Apollo Computer and Prime Computer. Following his training as an EE/Computer Scientist at MIT, Win began his career as a software engineer at MIT Draper Labs, MIT Lincoln Labs and Data General. Win's healthcare IT experience includes IT systems for hospitals while at Wang Labs, and operational support systems for healthcare system vendors such as GE Healthcare while at ViryaNet. Win is a PSIA certified part-time ski instructor at Loon Mountain in New Hampshire.

Mr. David Bobryk, BI Manager, St Joseph Mercy Health Systems

David Bobryk is a graduate of Oakland University with a B.S. in Management Information Systems and M.S. in HealthCare Administration from Central Michigan University. David's passion is leveraging new technologies to help solve organization opportunities for both patients and staff. David has spent the past 10+ years working in the field of clinical informatics implementing electronic health records and new technology suites to better serve our patients, staff, and community.

Panel 2: Care Innovations inside the Hospital Walls

Dr. Bassam Kadry Anesthesiologist, Informatist, and the Director of Technology Discovery and Strategic Development, Stanford University School of Medicine.

Dr. Bassam Kadry is an Anesthesiologist and Informatist at Stanford University School of Medicine. He is the Co-Director of the OR Management Fellowship and Digital Health and Innovation Fellowship at Stanford. He is also the Director of Technology Discovery and Strategic Development for Stanford Medicine X. He is a data forensics analyst with expertise in analytics, organizational culture, and change management.

Dr. Mitchell Tsai, M.D., M.M.M., Associate Professor, Department of Anesthesiology, Orthopaedics and Rehabilitation (by courtesy), University of Vermont Larner College of Medicine, Burlington, VT.

After completing a Perioperative Management Fellowship at Stanford University, Dr. Mitchell Tsai attended the Master's of Medical Management program at the University of Southern California Marshall School of Business. His major interests involve creating organizational and cultural changes that are necessary to create a model for patient safety and OR efficiency; developing management metrics in non-operating room schedules; identifying opportunities to refine the preoperative evaluation process; and instituting transparent, self-governing OR processes for block allocation. He leverages his courtesy appointment in the Department of Orthopaedics and Rehabilitation and is currently using time-driven activity based costing to evaluate operational processes for simple orthopedic surgeries. In 2011, he started a reading elective in medical leadership for fourth-year medical students. In the past 3 years, he has expanded the program to include New York Medical College, Michigan State University, the

University of Florida, and the University of Colorado. In 2015, he co-founded the International Consortium on Operating Room Management Education and Training.

Mr. Jack Weiner, **President of JW Healthcare Concepts**

Jack Weiner is the former President and Chief Executive Officer of St. Joseph Mercy Oakland (SJMO) and led the organization in a major cultural and technological transformation. As a 443-bed tertiary community teaching hospital in Oakland County and under his leadership, SJMO became the regional leader in clinical quality and safety. The technological transformation includes the construction of a new Patient Tower that includes state of the art technology found in only one other hospital in the country. The clinical enhancements include an extensive tele-medicine program and the deployment of one of the first virtual medicine networks. Under his leadership St. Joseph became a major research center conducting both phase two and phase three drug studies and medical equipment and procedure evaluations.

Dr. Benjavan (Den) Upatising, Manager of Health Systems Engineering (HSE), Center for Innovation and Transformational Change (CITC), UMass Memorial Medical Center, Worcester

Dr. Benjavan Upatising earned a bachelor's degree and PhD in Industrial Engineering from Purdue University and a master's degree in Industrial and Operations Engineering from University of Michigan. She was a recipient of a four-year Mayo Clinic Healthcare Engineering Fellowship for her PhD program and spent two years at the Rochester, MN campus. Currently, Dr. Upatising is managing a team of industrial engineer and data analysts at UMass Memorial Medical Center in applying various types of analysis, modeling, and data visualization techniques to enable hospital leaders make better decisions. The team's current focus is on planning of hospital capacity planning and improving patient flow. Prior to joining UMass Memorial Medical Center, Ms. Upatising worked for the Regenstrief Center for Healthcare Engineering in developing a predictive model for 30-day readmission for Cleveland Clinic. She has also worked in industry for Whirlpool Corporation, Toshiba, and Accenture

Panel 3: Innovations in Care Transformations

Mr. Janak Joshi, Senior VP & Chief Technology Officer, lifeIMAGE

Janak has been Chief Technology Officer and Senior Vice President of Life Image Inc. since July 2016. As the top Technology Leader at lifeIMAGE, he drives strategic technology direction for the organization as it continues to execute against an aggressive growth plan that calls for the launch of new products, expansion into new markets and substantial scaling of its operations. He also serves on the board of Brandeis University and manages the Bentley University Venture Fund investing in seed/early stage tech startups.

Janak has previously held healthcare and enterprise technology leadership roles at organizations such as Deloitte, Siemens Healthcare (acquired by Cerner Corporation), Generation Health (acquired by CVS Caremark Corporation), Partners HealthCare System and Synestesi Technologies (Acquired by Ruhnelandhs, Sweden).

His broad knowledge in US and European healthcare and life sciences spans clinical applications management, pharmaconenomics, health economics and outcomes research, drug discovery and healthcare informatics. Moreover, he has successfully led early-stage startups to exist, served as an advisor to venture capital firms and participated on healthcare industry standards committees.

Mr. Joshi holds an undergraduate degree from the H.R. College of Commerce and Economics in Mumbai, India and a Master in Business Administration from Bentley University, Waltham, Mass. And served in the USAF with Squadron 1001st Pennsylvania Search & Rescue as a 1st Lieutenant.

Mr. Alex Plum, Senior Program Coordinator, The Global Health Initiative at Henry Ford Health System

Alexander Plum is responsible for leading Henry Ford Health System's "reverse-innovation" portfolio. Alex identifies and adapts promising healthcare delivery solutions from the field of global health and partners with non-profits, universities, faith communities, and other health care systems in Detroit to implement and evaluate these "global-to-local" interventions. Currently, he is Principal Investigator on an mHealth intervention to promote care-seeking on behalf of homeless, LGBTQ youth, and he is Co-PI on an affiliated research study examining social support and mental health outcomes among the same population. He is also an investigator on global studies and interventions to reduce antimicrobial resistance (Micronesia, Nepal, India, and Detroit) and promote vaccines (Haiti and Detroit). Alex's deep commitment to serving marginalized populations was recognized by Emory University, which honored him as its 2015 Humanitarian Award recipient. Alex was a Peace Corps Volunteer in Micronesia from 2008-2011.

Mr. Deven Atnoor, Sysbiochem, LLC

To be added

Mr. Ken Accardi, Founder and CEO, Ankota

Ken is a Healthcare IT professional who started his career at GE Healthcare where he was the CIO for the Global Service Division and previously the Director of Software Development for the X-Ray product line. He is the Founder and CEO of Ankota, a software company focused on the next generation of home care. Customers include home care, community based care organizations and several major teaching hospitals. Ken has also served as CTO for iGetBetter (patient engagement), the iHopeNetwork (behavioral health), MedNest (accelerator) and served as VP of Engineering for ikaSystems (health plan management). Outside of healthcare, Ken held VP roles at ViryaNet (IPO and sold to Verisae/Accruent), and TeleAtlas (sold to TomTom). Ken has degrees in Engineering (BS - Bucknell), Computer Science (MS- Virginia Tech), and an MBA from Babson (focused in entrepreneurship). Ken serves as adjunct faculty at Babson College and UMass and has served frequently as a guest lecturer at Bentley, Harvard and MIT.