2017 HIMSS MN Spring Conference Presentations

Keynote Speaker

Patient-Centered Healthcare

On a per capita basis, US healthcare is the most expensive in the world. And yet many countries boast better patient outcomes.

Why?

US healthcare IT solutions are disaggregated, and predominantly focused on billing and reimbursement, while almost every other industry vertical is focused on consumer (patient) engagement, and value (outcomes).

What could we do differently?

This presentation invites the healthcare IT community (particularly in their role as stewards of patient data) to consider a different approach to enabling healthcare delivery in the US.

	Alistair Jacques, CIO and SVP, Fairview Health	Alistair Jacques is a native Scot. He attended boarding school in England, and has since lived in 5 more countries. He settled in the US in 1989, and lives in Orono, Minnesota, with his wife, Karen. They have two children, Nick (19) and Sophie (13). As Senior Vice President and Chief Information Officer for Fairview Health Services (FHS), a large Academic Health System, Alistair oversees Information Technology for 8 hospitals, more than 100 clinics and senior/assisted living facilities, the University of Minnesota Medical Center, and the joint venture known as MHealth. Alistair has more than 30 years of global IT experience. Prior to FHS, he held a variety of IT leadership roles at UnitedHealth Group, Cargill, Northwest Airlines, Ernst & Young, Shearson Lehman, and Barclays Bank. His career is characterized by large, diverse, complex, regulated industries. His work is focused on change management and driving performance excellence, and he's passionate about creating a positive organizational culture. Alistair holds a degree in Business Studies from the University of Manchester, England. He's an active member of several community and professional organizations and boards. In his spare time, he enjoys family activities, art, cooking, golf, reading, tennis, and motor cars.

Analytics

Getting Information to Decision Makers: In-context and self-service analytics

This session will introduce attendees to BIA, evidence based medicine, comparative effectiveness research, heath technology assessments, cost-effectiveness analysis, and clinical decision support. The relationships between these areas will be explored with special emphasis on how they can enhance the value analysis process.

Elizabeth (Beth) Meyers, Chief Nurse Executive, Health Analytics Strategy Director, Infor	In her role at Infor, Meyers is responsible for formulating, communicating and executing business plans for Infor's healthcare solutions. Prior to Infor, she led Fairview Supply Chain's business intelligence team. Meyers also worked as a perioperative nurse in the U.S. Army and held positions at Baldwin Area Medical Center.

Enterprise Data Governance: Is There Hope Beyond the Hype?

Enterprise data governance may not be particularly exciting, but it is essential to a high-functioning, cost-effective data management and analytics function within your organization. While unfortunately many enterprise data governance efforts are crushed under the weight of over-complexity, there is hope for success through a pragmatic, transparency-first approach.

Kevin Campbell, Founding Partner, DTA Associates	Kevin Campbell is a founding partner of DTA Associates, a healthcare consulting company that started in 2012. Kevin has over 14 years of experience in healthcare information technology, serving as both the lead data architect in a large healthcare system as well as a consultant to many other healthcare organizations.

Melissa Short, Director of Information Delivery at HealthEast	An IT leader with over a decade of experience in healthcare information technology including data warehousing, business intelligence, and information governance. She is trained in Lean and is passionate about using information to drive process innovation and improve patient care.

Determinants of Health: Leading Your Customers to Better Health

An interactive session designed to expose participants to the necessity of supplementing clinical data (EMR) with Consumer and Behavioral Data to: 1) get a fuller picture of patients, 2) better understand population health, 3) inform "upstream" interventions and value-based care, 4) improve health outcomes, 5) reduce health care costs.

	Kurt Waltenbaugh, Founder & CEO, Carrot Health	Kurt is a serial entrepreneur who has built successful analytic solutions, products and companies in the healthcare, retail, manufacturing, education/credentialing and fundraising industries. Prior to founding Carrot Health, Kurt was responsible for Product Strategy at Optum, Inc. (UnitedHealth), building data analytic businesses for the Provider, Payer and Employer markets

Clinical Informatics

Enhanced Clinical Summarization in the Intensive Care Unit using a Novel Medical Record timeLine (MeRLin)

The volume of data available in the EHR causes physicians to spend considerable time and effort recreating the clinical narrative through electronic medical record review. We describe the concept hierarchy of our Medical Record timeLine (MeRLin) project, which plots clinical meta-data in an interactive narrative to facilitate information review.

	Matthew Nolan, MD, Pulmonary Critical Care Clinical Fellow, Mayo Clinic	Dr. Nolan is a clinical fellow in Pulmonary & Critical Care Medicine with experience in biomedical informatics and basic computer programming. He is participating in several clinical informatics projects as part of his fellowship with a particular interest in the visualization and summarization of clinical data.
	Vitaly Herasevich, MD, PhD, CPHIMS. Associate Professor of Anesthesiology and Medicine, Mayo Clinic	Dr. Herasevich has trained in medicine, medical informatics and clinical research, whose primary research activities involve critical care informatics to improve patient safety. His specific research interests include clinical syndromic surveillance alerting, clinical data representation, data warehousing, reporting and population health research, and outcomes research.

Development and Validation of a Perioperative Medicine Decision Support Tool

The session will describe the development and validation of a perioperative clinical decision support system with potential application in clinical care delivery by providers and an educational tool for patient facing use.

	Mehrdad Rafiei, Assistant Professor and Director, St Catherine's University	Mehrdad is an Assistant Professor and Director of the St. Catherine University Master degree program in informatics and experienced practitioner in clinical informatics and health analytics

	Terrence Adams, Associate Professor and Staff Physician, University of Minnesota, Mpls VA	Terrence is a perioperative medicine physician and pharmacist working in perioperative medicine as well as a researcher at the University of Minnesota working in drug safety and informatics applications

Transitioning to the Quality Payment Program for 2017

Beginning January 1, 2017, the current legacy programs of Meaningful Use (MU), the Physician Quality Reporting System (PQRS), and the Value-Based Modifier Program (VM) will be morphed into CMS' Quality Payment Program titled the Merit-Based Incentive Program and the Advanced Alternative Payment Model program. Learn how this reform will impact your organization and what you will need to do to be ready.

	Lisa Gall, DNP, FNP, LHIT-HP, Program Manager, Stratis Health	Lisa Gall, DNP, FNP, LHIT-HP has over 30 years of health care experience. She is a ANCC Certified Nurse Informatics and Family Nurse Practitioner and possesses a strong background in Health IT with specialties in Primary Care, Urgent Care, ER Care, Convenience Care, Clinical Informatics, EHR implementation/optimization, project management, and systems analysis and design. Her professional goal is to utilize clinical practice, leadership and informatics to enhance and promote quality and efficient clinical practice utilizing technology and evidenced-based practice
	Candy Hanson, BSN, PHN, LHIT-HP, Program Manager, Stratis Health	Candy Hanson, BSN, PHN, LHIT-HP has over 25 years of health care experience. She is a Program Manager for Stratis Health with an emphasis on HIT related projects. Candy led an HIT special innovation project in 2012-2014 that connected nursing homes and hospitals to achieve health information exchange through the use of a DIRECT product. Candy is also the project lead at Stratis Health for the MACRA/MIPS work they are contracted to do with CMS. Lisa is a subject matter expert on that project. Candy and Lisa have authored two articles for MN Physician on MACRA/MIPS. Candy possesses a wealth of education and currently holds a Doctoral Certificate from the University of Minnesota.

Mobile and Portable Computing

Meeting Patients Where They Live

This session is designed to introduce attendees to the current and near future options to utilize smart phones and devices to support individualized care plans and clinical pathways, such as cardiac rehabilitation. Utilizing mobile technology to deliver content and track progress along an individualized care plan can maximize patient outcomes.

	Les Wold, MD, CMO, VitalHealth Software	As former chair of the Department of Laboratory, Medicine & Pathology, Mayo Collaborative Services, Mayo Medical Ventures, CMO at JARI Research and SARI, Chair Pathology department at MCHS-Austin, CMO of VitalHealth Software and Advisor at Noaber Ventures, Dr. Les Wold has extensive knowledge on how technology can be used to improve patient outcomes.
	Gerbrand van de Beek, Product Manager, VitalHealth Software	Working in healthcare IT for 15 years, with the focus on outcomes measurement and Value Based Healthcare for the last 7 years, Gerbrand van de Beek, product manager at VitalHealth Software, has extensive experience with implementing and managing solutions that help facilitate healthcare professionals in achieving better outcomes for their patients

Putting the patient in control of carrying the "IT" ball.

The University of Minnesota Health's (MHealth's) Heart Care program will share their success with implementing mobile technology to put heart failure patients at the center of self-managing implanted VADs (Ventricular Assist Devices). Patients communicate symptoms, medication adherence, VAD readings, and message MHealth as well as partnering health systems in a five-state region.

	Linda Wick, MSN, CNP, CHFN, Sr. Director of Cardiovascular Service Line, University of MN Health	Linda is a subject matter expert and frequent speaker at the American Association of Health Failure Nurses and the Heart Failure Society of America on the use of technology in managing chronic illness and is well-versed in the details of the published studies on telemonitoring related to heart failure.

The Importance of User Experience in Virtual Care

This session will discuss the role of user experience (UX) design for virtual care in driving patient engagement. Attendees will learn about the elements of UX, patient-centric virtual care user interfaces, and the potential impacts of UX on adoption and repeat use of virtual care, based on first-person, qualitative research.

	Kevin Lee Smith, DNP, FNP, FAANP, Chief Clinical Officer, Zipnosis Inc	Kevin Smith has been a leader in innovative care delivery since 1999. His focus on applying technology, clinical decision support and analytics to drive clinical quality improvement is evident in both clinical practice and his doctoral studies. Dr. Smith's industry involvement includes membership the ATA, HIMSS, and AMIA.

	Scott Brown, Vice President, Product & Engineering, Zipnosis, Inc	Scott Brown has more than 20 years of experience leading teams to develop and continuously improve HIPAA-compliant technology solutions for healthcare organizations. As head of the product and engineering teams at Zipnosis, Scott is leading the effort to support user experience-focused design.

Vendor Demo Solutions

Using Apple mobile devices to enhance the Patient Bedside Experience
With Apple devices at the center of the patient experience, healthcare providers can engage, educate and entertain patients, transforming the patient bedside experience as we know it today.

Using Jamf to remotely enroll, deploy and manage iPad and Apple TV devices enables patients:
- To interact with their caregivers via an iPad.
- Read details about their care plans on an iPad or Apple TV.
- Control their room environment from either an iPad or Apple TV.
- And, use apps for entertainment and patient care

Better healthcare is here and no one is more excited to help you improve your patient experience than us.

	Aaron Hix, Sr. Mgr., Global Business Development, Jamf	Aaron is responsible for helping healthcare organizations succeed with Apple. He has worked with healthcare organizations for 10 years and over his 20-year career in information technology has served in senior level positions at multiple federal agencies, state government agencies, and Apple Inc.

GOVERNANCE IN HEALTHCARE; A Critical Capability
Governance of back-end processes that capture, cleanse, and consolidate data is critical to helping these organizations address such challenges. Equally important is the governance of downstream data analysis activities that end users perform to turn mere data into trusted, actionable insights.

	Carrie Nielsen, Director of Presales and Premier Services, Pyramid Analytics	Ms. Nielsen has over 17 years of business intelligence and analytic reporting experience. Prior to joining Pyramid, she spent over 10 years in healthcare care analytics architecting BI Solutions and bringing them to market. She now leads the pre and post sales technical teams to sell and support our product.

EHR Enablement: Getting the Help You Need to Make the Most of your EHR Investment
The Healthcare industry continues to evolve, in part to a series of technology advances; such as pervasive Internet access, the consumerization of past complex technologies, and the transition into a virtual market place.

A critical element to success in this transition is the Electronic Health Records (EHR) platform.

Please join me for a discussion about how to design and manage the right blend of people, process and tools to get the most from your investment into this essential platform.

	Greg Fliearman, Director of Service Operations and Principle Consultant for Managed Services, PDS	Greg began his 20+ year IT career in the United States Marine Corps, where he developed the operational understanding needed to solve complex situations leveraging various technologies. This foundation benefited his later work developing, operating, and managing IT solutions for a variety of industries. Greg is responsible for guiding various aspects of the PDS Service Operations organization to create cost effective ways to aid customers with achieving their essential business outcomes. Prior to joining PDS, Greg worked with a national Enterprise IT Managed Services company, as the Customer Service Manager for the Central United States.