

PRESENTER BIOGRAPHICAL SKETCHES
Clinical Quality Hearing
HIT Policy and Standards Committees
June 7, 2012

Panel 1: High Performing Healthcare Improvement Organizations and Analytics Systems to Support Them

Moderator: Ahmed Calvo

Cathie Furman, Virginia Mason

Greg Maynard, UC San Diego, Society of Hospital Medicine (SHM)

Joe Kimura, Atrius

Michael Barbouche, Forward Health

David Burton, Health Care Quality Catalyst

Janice Nicholson, I2i

Cathie Furman, RN, MHA, Senior Vice President, Quality and Compliance, leads the quality and patient safety functions and programs at Virginia Mason, and she also serves as corporate compliance officer for the organization. Furman developed and oversees all aspects of VM's Strategic Quality Plan and the patient safety program. She created, implemented and oversees the Patient Safety Alert process, a critical component for enhancing the safety of patients and staff. She leads the strategic initiative to provide transparent quality performance measurement. In addition, she is a certified leader in the Virginia Mason Production System, a management method based on manufacturing principles that seeks to continually improve how work is done.

Furman has represented VM in several national groups involved in quality improvement and regulatory compliance. She serves on the Puget Sound Health Alliance Board, a regional collaborative focused on improving quality outcomes at a reduced cost for key stakeholders (patients, payers, employers and providers), as well as the NPSF Congress planning committee, Washington Patient Safety Coalition Executive Committee, and chairs the WSHA committee on cultural transformation. These quality and patient safety improvement efforts have been recognized nationally through awards and published articles.

She speaks frequently about the critical success factors of a patient safety program and how to implement management methods that improve patient safety.

Furman earned a BS in Nursing from the University of Washington, and a Master's in Health Administration from the University of Minnesota.

Greg Maynard, M.D., M.Sc, SFHM is a Clinical Professor of Medicine in the Division of Hospital Medicine at the University of California, San Diego. He is the Director of the UCSD Center for Innovation and Improvement Science, an entity designed to accelerate inpatient innovation, improvement, and leadership locally and regionally. Dr. Maynard also commutes and communicates frequently with the Society of Hospital

Medicine (SHM) headquarters in Philadelphia, acting as the Senior VP of the SHM Center for Healthcare Improvement and Innovation. Dr. Maynard's has led local and regional efforts in optimizing prevention of venous thromboembolism (VTE), improving glycemic control and reducing hypoglycemia in the hospital, and improving transitions of care. He played major leadership roles in building the SHM "Mentored Implementation Programs" in these same topics for the Society of Hospital Medicine, and recently accepted the 2011 National John M. Eisenberg Award from the NQF and TJC for Quality Improvement efforts on the behalf of SHM Center he directs. Dr. Maynard has been recognized as one of *ACP Hospitalist's* top hospitalists, a San Diego county "Top Doc", and has been recognized nationally for his work in Quality Improvement / Research by the Society of Hospital Medicine, the National Association of Public Hospitals, the Venous Disease Coalition, and the North American Thrombosis Forum.

Joe Kimura serves as Medical Director for Analytics and Reporting Systems for Atrius Health. He is native of St. Louis, Missouri and a graduate of Stanford University, Washington University School of Medicine, and Harvard School of Public Health. He completed internal medicine residency at UCSF and then a health services research fellowship in the Department of Ambulatory Care and Prevention at Harvard Medical School.

Dr. Kimura worked for several years as a project manager in the Patient Operations Improvement department at Harvard Vanguard Medical Associates leading frontline quality and delivery system improvement efforts around chronic conditions in primary care, complex chronic disease care management, and high risk vulnerable elderly patients. He served two years as Medical Director for Quality Measurement. In his current role, he provides strategic and operational leadership for enterprise-wide business intelligence systems for Atrius Health. A board certified internist, Dr. Kimura maintains a weekly clinical practice at the Kenmore practice in Boston, MA.

Michael Barbouche is the Founder and CEO of Forward Health Group. A mathematician trained in health services research, he has over twenty years experience, with an acute focus on data. Applying the principles of set theory, he has invented new data models for the health care industry that maximize the harvest and yield of data, regardless of health IT infrastructure. A frequent advisor and presenter on health care data, Michael serves on the Board of the National Institute for Quality Improvement Education (NIQIE). Michael owes most of what he knows about health care to his wife, Ellen, a general internist in practice at the University of Wisconsin. They live in Madison with their three great kids—Xavier, Lucie, and Beatrice.

David A. Burton, MD is a former Senior Vice President of Intermountain Healthcare, where he served in a variety of executive positions for 26 years. He spent the last 13 years of his career co-developing Intermountain's clinical process models utilized within the EDW environment. Dr. Burton is the former founding CEO of Intermountain's managed care plans (now known as SelectHealth), which currently provide insurance coverage to approximately 500,000 members.

He holds an MD from Columbia University College of Physicians and Surgeons and did his residency training at Massachusetts General Hospital in internal medicine. He was a charter member of the American College of Emergency Physicians and was Board Certified in Emergency Medicine. He practiced emergency medicine and was president of a single-specialty group of 20 emergency care physicians for nine years before joining the executive team at Intermountain.

Janice Nicholson is co-founder and CEO of i2i Systems. Janice is known in the healthcare industry as a thought leader and visionary in the area of information technology. With over 20 years focusing on the needs of health care organizations, Janice has experienced firsthand the challenges of managing the flow of clinical data. Before founding i2i Systems, Janice had an extensive background as a software engineer. She has played a major role in developing a patient management system for private practice; has successfully managed over 10 major product releases; and, prior to its acquisition by WebMD, was Vice President of Product Engineering at HealthPro Solutions. Janice led her development team at HealthPro in creating one of the leading patient management software products still on the market today.

Panel 2: Clinical Decision Support, The “Improvement” Arm of Quality Improvement

Moderator: Norma Lang

Blackford Middleton, Harvard

Mary Goldstein, VA Palo Alto Health Care System and Stanford University

Fauzia Khan, DiagnosisOne

Julie Scherer, NewMentor

Patrick Yoder, Hennepin County Medical Center

Blackford Middleton, MD, MPH, MSc, FACP, FACMI, FHIMSS is Corporate Director of Clinical Informatics Research & Development (CIRD) at Partners Healthcare System, Boston, and Assistant Professor of Medicine at Brigham and Women’s Hospital, Harvard Medical School, and a Lecturer in Health Policy and Management at the Harvard School of Public Health. He is adjunct faculty at the Technische Universität München, Graduate School of Information Science in Health, Munich, Germany, and in the Clinical Excellence Research Center at Stanford University.

As Corporate Director for CIRD, he leads the groups responsible for developing Partners enterprise clinical informatics infrastructure development, software product design for the Partners EMR and patient portal, enterprise clinical decision support and knowledge management services, and conducts clinical informatics research. In 2004 CIRD joined the National Library of Medicine sponsored Boston-area Informatics Research and Training Fellowship Program, where Dr. Middleton serves as Fellowship Program Director for CIRD Fellows.

Currently, he is a member of the National Quality Forum Health IT Advisory Council, the Board of Directors at the American Medical Informatics Association (AMIA), and serves

on the National Advisory Committee of the Robert Wood Johnson Foundation Aligning Forces for Quality program (Dr. Mark McClellan, Chair).

Mary K. Goldstein, MD, MS is a geriatrician and health services researcher who serves as the Director of the Geriatrics Research Education and Clinical Center (GRECC) at the VA Palo Alto Health Care System (VAPAHCS) and as a Professor of Medicine in the Center for Health Policy/Center for Primary Care and Outcomes Research at Stanford University. Dr. Goldstein's area of research expertise is health services research involving medical decision-making and health information technology. Her work includes developing, implementing, and evaluating evidence-based clinical decision support (CDS) for quality improvement, and she leads the ATHENA-Clinical Decision Support (CDS) project. Dr. Goldstein is Principal Investigator (PI) for several additional projects funded by VA Health Services Research & Development (HSR&D), including the Consortium for Healthcare Informatics Research (CHIR) Translational Use Case Project (extracting information from free-text in electronic health records); Automating Performance Metrics for Quality Improvement in Complex Chronic Disease; and Guidelines to Performance Measures: Automating Quality Review for Heart Failure. Dr. Goldstein is one of the site-PI's for the DHHS Office of the National Coordinator (ONC) SHARP-C for health information technology, for which she is focusing on setting-specific factors in CDS. Dr. Goldstein has also recently become PI for the Center on Advancing Decision Making in Aging (CADMA) at Stanford, funded by the National Institute on Aging (NIA) of the NIH. Dr. Goldstein is a recipient of the Department of Veterans Affairs Under Secretary's Award for Outstanding Achievement in Health Service Research.

Dr. Fauzia Khan has over a decade and half of experience in quality improvement and informatics. She is also an author and chief editor of "Guide to Diagnostic Testing" a textbook on diagnostic algorithms published by Lippincott, Williams and Wilkins. As Chief Medical Officer of DiagnosisOne, Dr. Khan has been at the forefront of developing practical and scalable technologies that allow Clinical Decision Support capabilities to be seamlessly incorporated into clinical workflows. Dr Khan cofounded DiagnosisOne in 2003 with a commitment to leverage novel information technology to improve patient safety and quality of care. The company today provides doctors, clinics, hospitals and governments in the U.S. and overseas with cutting edge solutions that help improve care while reducing costs. DiagnosisOne's technology is leading the way for physicians and administrators alike to identify gaps in care such as missed cancer diagnoses, or absent follow up care. In Massachusetts, DiagnosisOne has deployed a state wide system to monitor and report on infectious diseases, and is leading the way in deploying statewide systems for integrating clinical and administrative information to help reduce the cost of care, particularly, the cost of prescription Medicaid drugs. Several leading EHRs/HCIT companies are D1's customers including Allscripts, ACS Xerox, Aprima, Glostream, Polaris etc. As Chief Medical Officer, Dr Khan provides direction to all clinical efforts including algorithm design, knowledge acquisition and engineering as well as data mining. Prior to DiagnosisOne, Fauzia was attending physician, and program director of Informatics, Department of Pathology at

UMassMemorial Health Center, and an Assistant Clinical Professor and Director of Clinical Pathology Residency Program at UMass Medical School.

Julie Scherer, Ph.D. is the Chief Operating Officer of newMentor. She brings over 25 years of experience in the development of analytics and technology-based information services to professional markets. Prior to joining newMentor, Ms. Scherer held leadership positions with Pearson, Thomson Learning, and DigitalThink. Ms. Scherer received her BSE and MSE in Electrical Engineering and her PhD in Computer Science and Biomedical Engineering from the University of Michigan.

Patrick Yoder has over 10 years' experience in health information technology. He currently manages the clinical decision support program at Hennepin County Medical Center, a large public safety net hospital in Minneapolis, MN. In this role he provides both strategic design and build expertise for high priority CDS. Additionally he manages ongoing prospective maintenance of CDS content. Prior to joining Hennepin County Medical Center he worked in industry for Wolters Kluwer Health. There he was responsible for design and build of their order set product, ProVation Order Sets. He was instrumental, taking the product from concept to market driving both design and build of not only the core product but many innovative add on features. Patrick holds a Doctorate in Pharmacy from the University of Iowa, is actively involved in informatics education and is a successful entrepreneur.

Panel 3: E-measures

Moderator: Eva Powell

Floyd Eisenberg, NQF

Ferdinand Velasco, Texas Health Resources, Chair HIMSS Quality, Cost and Safety Committee

Phyllis Torda, NCQA

Keith Campbell, VA

Rich Elmore, Query Health/Allscripts

John Schrom, Rock Health

Floyd Eisenberg, MD, MPH, FACP is Senior Vice President of Health Information Technology at National Quality Forum. In that role he has directed efforts to standardize the expression of quality measures in electronic format (eMeasures) and led a team that coordinated eighteen measure developers to retool quality measures into eMeasures. Under the guidance of NQF's Health Information Technology Advisory Committee, Dr. Eisenberg's team has developed and continues the evolution of the Quality Data Model, used by measure developers as a grammar for specifying their measures in electronic format. Dr. Eisenberg joined National Quality Forum in 2008. In his prior work with Siemens Health Services, he was active in leading quality initiatives in health IT as a co-chair of the Healthcare Information Technology Standards Panel (HITSP) Population Perspective Technical Committee, and the Integrating the Healthcare Enterprise (IHE) Quality, Research & Public Health Domain Technical Committee. He is an Internist with a specialty in Infectious Diseases with experience in a hospital-based practice.

Ferdinand T. Velasco, M.D., is Vice President and Chief Medical Information Officer of Texas Health Resources (THR), located in Arlington, Texas. He is the physician champion for THR's medical informatics initiatives and provides clinical and executive leadership for the organization's electronic health record initiative. In 2011, THR was among the earliest healthcare organizations to successfully achieve Meaningful Use under the federal EHR incentive program.

In addition to his role at THR, Dr. Velasco chairs the HIMSS Quality Cost and Safety Committee. In 2010, he was recognized among the Top 25 Clinical Informaticists by Modern Healthcare.

Prior to joining THR in 2002, Dr. Velasco was Assistant Professor of Cardiothoracic Surgery at the Weill Medical College of Cornell University, where he served as physician champion for the medical center's initiative to implement CPOE.

Keith E. Campbell, MD, PhD is Director of Clinical Decision Support for the Veterans Administration Office of Informatics and Analytics.

He has more than fifteen years of experience in the field of medical informatics, with an emphasis on terminologies for encoding clinical data. He is actively involved with SNOMED-CT development, and is currently a member of the IHTSDO technical committee, and actively works on development of the IHTSDO terminology workbench.

He has a PhD in medical informatics/computer science from Stanford University, and received his MD from the University of Southern California. He completed residency training in internal medicine, and has cared for patients for five years at Santa Clara Valley Medical Center prior to leaving practice to focus exclusively on medical informatics. He has worked with and for large and small medical organizations and companies in a variety of areas including: organizational productivity, developing a strategic technology road map, providing design and architecture reviews, and developing software products that increase healthcare quality.

Prior to joining the Veterans Administration, he was the Chief Architect for Informatics, Inc. His past experience also includes Chief Technology Officer and Chief Information Officer for Inoveon, Assistant National Director of Informatics for Kaiser Permanente, and he also has significant experience as an independent consultant.

Rich Elmore, Vice President - Business Development, Allscripts. Rich Elmore works on how healthcare technology provider Allscripts innovates, managing exploration and execution of strategic partnerships and acquisitions. During 2011-12, he worked for the National Coordinator for Health IT where he led the Query Health initiative to establish standards and services for distributed population queries, including quality measures. He also led ONC's initiative for Consolidated CDA and Transitions of Care. Prior to that he ran the Allscripts Provider Analytics business.

Panel 4: EHR Vendor Perspectives of Necessary Components of Quality Improvement

Moderator: Floyd Eisenberg

Jason Colquitt, Greenway

Diane Bradley, Allscripts

Tom Yosick, Epic

Michael Stearns, eMDs

Connie Moser, McKesson

Jason Colquitt is the Vice President of Data Services for Greenway Medical Technologies. He holds key roles in more than a dozen national industry organizations such as the Executive Committee EHR Association at HIMSS, the Center for Health Transformation, the National Quality Forum, the Society of Clinical Data Management (SCDM), the Association of Clinical Research Professionals, CDISC, Integrating the Healthcare Enterprise (IHE), and the Electronic Health Record Association (EHRA), allowing him to keep his finger on the pulse of the ever changing Healthcare System.

Diane Gilbert Bradley, MD, serves as the Chief Quality and Outcomes Officer for Allscripts, a position unique in the industry. Her team of seasoned experts is focused on helping clients achieve and maintain ever-improving outcomes through optimizing their Allscripts solutions by operationalizing innovation and leading practices. She and her team work with clients and Allscripts staff to encapsulate and share proven strategies for improving the full range of outcomes, including clinical quality, patient and clinician safety, efficiency and cost-effectiveness, and organizational performance through optimal coding and documentation. Those proven strategies are shared openly with clients as Outcomes Solutions Sets, greatly appreciated for the speed with which clients enjoy increased value from their Allscripts investments as they continuously improve their outcomes.

Dr. Bradley has been with Allscripts for 15 years. Previous to her current role, Dr. Bradley was the Eclipsys' Chief Medical Officer (CMO), working with senior executives to set the company's long-term clinical strategies and short-term priorities for solutions. Prior to her work at Allscripts/Eclipsys, Dr. Bradley was the Senior Physician Specialist at the Emtek Division of Motorola, Inc.

Dr. Bradley is trained in physical medicine and rehabilitation and has extensive experience on the provider as well as the vendor side in the use of advanced clinical information systems. Her focus has been interdisciplinary documentation. Prior to joining Allscripts, she was the Medical Director/Assistant Professor at The University of Texas Health Science Center at San Antonio, which remains a premier Allscripts client today. She is currently the Medical Director of a volunteer organization, Corner of Love, serving the impoverished population of North Nicaragua through on-site medical/dental clinics.

Tom Yosick is a Software Developer and Product Lead at Epic, a Health Information Technology software vendor serving medical groups and health systems. Mr. Yosick is responsible for Clinical Decision Support product development activities, and also leads the Analytics and Clinical Intelligence research and development groups within Epic. In his role, Mr. Yosick sets product direction and strategy to help Epic's customers utilize clinical and financial information to improve patient health and organizational operational performance.

Michael Stearns, MD, CPC, CFPC is the President and CEO of e-MDs, Inc. a national vendor of electronic health records. He is a board certified neurologist with 14 years of experience in health information technology and has contributed to several informatics projects at the National Library of Medicine, the National Cancer Institute, and the College of American Pathologists. Dr. Stearns served as the international director of SNOMED, where he played a central role in the development of SNOMED CT. He is also a Certified Professional Coder and Family Practice Coder and a member of the American Association of Professional Coders Family Practice Steering Committee. Dr. Stearns was the founding president of the Texas e-Health Alliance, a non-profit HIT policy and advocacy organization.

Connie Moser is the vice president of McKesson Enterprise Intelligence, a division of McKesson Corporation. Connie leads the division in developing solution strategies, driving development, enhancing market awareness, pursuing complementary mergers and acquisition strategies, and combining performance analytics and quality measurement offerings with other McKesson solutions to help improve performance for our customers.

Connie brings to this position more than 21 years of experience in the healthcare industry at McKesson. Her expertise includes:

- Implementation of surgical services, materials management and enterprise scheduling solutions
- Consultation in surgical services and materials management optimization across healthcare delivery networks
- Design of customer driven product strategy for surgery, materials, financial, enterprise scheduling, analytics and enterprise visibility solutions
- Development of trusted advisor relationships with both prospective clients and existing customers by customizing solutions that support unique organizational strategy and business needs
- Execution of sales strategy for large clinical enterprises and new business opportunities
- Deployment of focused partnership strategies for all of the McKesson Provider Technologies offerings and executive sponsorship of key customer accounts

Connie has served a three year term as the public board member for the Competency and Credentialing Institute, a nonprofit organization focused on enhancing patient safety through surgical nurse certification where she also held the roles of Secretary/Treasurer for two years. She has presented on various healthcare topics at meetings sponsored

by HIMSS, HFMA and NAHAM, and most recently at the HFMA Thought Leadership Conference in Washington DC. She has testified before the ONC HIT Policy Committee on Meaningful Use Measurement. She also represents McKesson as a member of the National Quality Forum (NQF).

Connie graduated from Ripon College with a Bachelor of Arts degree in politics and government, economics, and leadership studies. She earned a master's degree in business administration from Lake Forest Graduate School, Lake Forest, IL.

McKesson Corporation, currently ranked 14th on the FORTUNE 500, is a healthcare services and information technology company dedicated to making the business of healthcare run better. We partner with payers, hospitals, physician offices, pharmacies, pharmaceutical companies and others across the spectrum of care to build healthier organizations that deliver better care to patients in every setting. McKesson helps its customers improve their financial, operational, and clinical performance with solutions that include pharmaceutical and medical-surgical supply management, healthcare information technology, and business and clinical services. For more information, visit <http://www.mckesson.com>.