

Current State and Future Vision: Making EHRs Work for You

October 18, 2017

**AAMC Headquarters, Learning Center, LC-200
655 K Street NW, Washington, DC 20001**

Summit Description

Information systems that routinely collect patient data have the potential to provide researchers with increasingly valuable resources. As the configuration of our health care landscape continues to evolve, so will the attributes and capabilities of health records needed to support analysis and research that drives better health care and better health outcomes.

This summit, sponsored by the AAMC with support from the Donaghue Foundation, will bring together health researchers, EHR vendors, and IT and quality leaders from academically-affiliated health systems. Participants will discuss how they use today's EHRs to answer current research questions centered on improving health sector interfaces and value. This summit will also encourage participants to look at emerging questions in care delivery design. In addition, health system leaders, researchers, and health technology vendors will discuss what is needed of the next generation of health information systems. Based on the insights and recommendations gathered throughout the day, participants will identify key action steps and their willingness to participate in an AAMC working group focused on enhancing EHR capabilities to drive clinical and population health improvement.

Summit Agenda

8:30 - 9:00 AM

Breakfast

9:00 - 9:15 AM

Welcome and Introductions

Alex Ommaya, DSc, Senior Director, Clinical Effectiveness and Implementation Research, Association of American Medical Colleges

Lynne Garner, PhD, Trustee and President, Donaghue Foundation

Keith Horvath, MD, Senior Director, Clinical Transformation, Association of American Medical Colleges

9:15 - 10:15 AM

EHRs and Health Care Improvement: Advancing Effectiveness Research and Implementation Science in Our Own Backyards

Researchers will present how they've applied new developments in care models and health informatics when conducting innovative and interdisciplinary studies designed to improve quality, safety, equity, and system effectiveness and provide mechanisms for rapid adoption and implementation within the health care system.

Deintensification of Routine Medical Services

Jeffrey T. Kullgren, MD, MS, MPH, Research Scientist, VA Center for Clinical Management Research, VA Ann Arbor Healthcare System, Assistant Professor of Internal Medicine, University of Michigan Medical School,

Clinical Decision Support EMR Integration: The Path to the HEART Pathway

Simon A. Mahler, MD, MS, FACEP, Associate Professor, Director of Clinical Research, Department of Emergency Medicine, Wake Forest School of Medicine

Use of High Fidelity Simulation to Assess EHR Safety and Usability

Jeffrey A. Gold, MD, Professor of Medicine, Program Director, Pulmonary Critical Care and Critical Care Fellowships, Director, OHSU Simulation Center, Associate Director Adult Cystic Fibrosis Center, Oregon Health & Sciences University

10:15 – 10:30 AM

Break

10:30 – 11:45 AM

Using EHRs to Improve Clinical and Population Health Outcomes: Analysis and Knowledge Sharing

Representatives from a variety of perspectives will share strategies for capturing and managing patient data in order to not only improve care delivery across inpatient and outpatient settings, but also better meet the needs of healthcare providers, researchers, and institutions overall in their efforts to improve population health.

Advances in EHR Clinical and Population Health Management

Christopher J. Alban, MD, MBA, Vice President and Physician, Clinical Informatics, EPIC

Bharat Sutariya, MD, FACEP, Vice President and Chief Medical Officer for Population Health, Cerner

Digital Bridge - Bridging Health Care and Public Health

Vivian Singletary, MBA, Director, Public Health Informatics Institute

Electronic Health Record Use and Interoperability: Post-Acute and Long-term Care

David C. Grabowski, PhD, Professor, Harvard Medical School

11:45 AM – 12:30 PM **Lunch**

12:30 -3:15 PM **Outlook on Healthcare Delivery and Use of EHRs for Analysis and Implementation Research: Roundtable Discussions & Reactor Panels**

This interactive session encourages attendees to share their experiences, observations, and recommendations around using EHRs and health technology to support population health improvement. Together, participants will identify what critical steps and key elements are needed to advance the next generation of health care information systems.

12:30-1:00 PM **Interactive Roundtable I: Implementing Clinical Pathways through EHRs**

In a small group setting, meeting attendees will share experiences implementing EHR clinical pathways, identify lessons learned, and outline opportunities for enhanced capabilities.

1:00-1:45 PM **Reactor Panel I: Implementing Clinical Pathways through EHRs**

Through a moderator-led session, small groups will report out on the key takeaways from the roundtable discussion, and an expert panel will respond with observations and provide further insight.

Moderator: Keith Horvath, MD, Sr. Director Clinical Transformation, AAMC

Christopher J. Alban, MD, MBA, Vice President and Physician, Clinical Informatics, EPIC

J. Marc Overhage, MD, PhD, Vice President and Chief Medical Informatics Officer, Cerner

Kathleen McGroddy Goetz, PhD, Vice President, Global Partnerships and Alliances, IBM Watson Health

Peter Eckart, MA, Director, Center for Health and Information Technology, Illinois Public Health Institute and Co-Director, Data Across Sectors for Health (DASH)

1:45-2:00 PM **Break**

2:00-2:30 PM **Interactive Roundtable II: Utilizing EHR Data to Drive Population Health Improvement, Future Outlook**

In a small group setting, meeting attendees will discuss the potential for further leveraging the use of EHR data to enhance population health, and identify any limitations, concerns, and/or suggestions related to interface design, interoperability, and emerging technologies.

2:30-3:15 PM

Reactor Panel II: Utilizing EHR Data to Drive Population Health Improvement, Future Outlook

Through a moderator-led session, small groups will report out on the key takeaways from the roundtable discussion, and an expert panel will respond with observations and provide further insight.

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Kathleen McGroddy Goetz , PhD, Vice President, Global Partnerships and Alliances, IBM Watson Health
Joshua Sharfstein, MD, Associate Dean, Public Health Practice & Training, Johns Hopkins Bloomberg School of Public Health

3:15 – 3:45 PM

Key Takeaways and Next Steps

Based on the insights and recommendations gathered throughout the day, agree upon key action steps and needed participants for addressing ways to enhance EHR capabilities for driving clinical and population health improvement.

3:45 PM

Adjourn