



2019 HDAA CONFERENCE PRESENTATIONS



PRESENTATIONS BY CATEGORY

Note: Many presentations have content that overlaps with multiple categories.

ANALYTICS – DESCRIPTIVE

Capturing Downstream Revenue & Utilization in a Complex Regional Medical System

Sandip Pal, Data Analyst, Rush University Medical Center

Decision-Centricity: Operationalizing Analytics and Data Science in Health Systems

Mike Berger, MSBA, CPHIMS, VP, Chief Data & Analytics Officer, Mount Sinai Health System

Diabetes + Data: How to Measure Program Outcomes to Maximize Impact

Matthew Wagenhauser, Administrative Director, ProMedica

Hacking Patient Experience Surveys to Attract New Patients, Retain Established Patients, and Improve Performance

Salman Moti, Manager of Health System Decision Support, University of Texas Southwestern Medical Center

Maturing Data Analytics Within the Healthcare Supply Chain

Katharine Bracken, MBA, Manager, Data Analytics, Intermountain Healthcare

ANALYTICS – PREDICTIVE

Bayesian Machine Learning from Clinical text: The Potential of EHRs to Inform Care Proactively

Edward Flinchem, Principal Data Scientist, DaVita Medical Group

Focusing Predictive Analytics on Operations in an Academic Environment

Jeff Young, Associate Director of Advanced Analytics, University of Utah Health and Cary Martin, University of Utah Health

Integration of EMR and Claims Data for Health Plans Care Management

Elena Igumnova, MS, Data Scientist, University of Utah Health and Ming Tu, Lead Principal Data Warehouse Architect, University of Utah Health

Operationalizing Machine Learning to Improve LOS and Readmissions

Micahel Schwarz, Executive Director, Indiana University Health

Predicting a Patient's Likelihood to Pay at Cleveland Clinic

Josh Ingle, Data Scientist, Cleveland Clinic and Alex Wolfhope, Analyst, Cleveland Clinic

Predictive Modeling of Long Stay Patients in a Pediatric Intensive Care Unit with the Goal of Managing Bed Capacity

Ronald Wilkinson, MA, MS, CBIP, Senior Business Intelligence Program Technologist, Boston Children's Hospital

ANALYTICS – SELF-SERVICE

Building Clinical Data Marts and Creating Actionable Analytics

Roderick Enriquez, RN, Business Intelligence Solutions Architect, Baptist Health South Florida

Self-Service Analytics: Strategies for Success

Christopher Hutchins, AVP, Healthcare Analytics, Northwell Health

BIG DATA

Keeping Up with the Changing Payment Landscape

Catherine Merriman, MBA, CPA, Assistant Director, Cost Analytics, Cleveland Clinic and John Urwin, MSM, Analyst, Cleveland Clinic

Using Machine Learning to Increase Healthcare Accessibility

Darpan Amin, Rush University Medical Center and Ashok V. Bongu, Rush University Medical Center

BUSINESS

Building an Analytics Center of Excellence

Kerri Webster, RN, MS, Chief Analytics Officer, Children's Hospital Colorado and Brad Ewald, Solutions Architect, Children's Hospital Colorado

Delivering Measurable Value with Supply Chain and Inventory Management with Visual Analytics at Seattle Children's Hospital

Jason Klein, Senior Data Analyst, Seattle Children's Hospital

Managing the Challenging Stakeholder

Grant Lynde, MD, MBA, Associate Professor, Vice Chair–Quality, Emory University and Lisa Cogdill, MPH, Informatics Analyst, Emory University and Addison Jones, Informatics Analyst, Emory University

Small but Mighty, Anesthesia Knock Out—Mo Money, Mo Money

Pauline Bessegato, MBA, CPA, CGA, Business Manager, Anesthesia Academic Practice Partners of London Ontario

Trials and Tribulations of Going Transparent in Healthcare

Leslie Kian, MBA/HCM, CPHIMS, Project Director, Quality Management, MD Anderson Cancer Center

DATA VISUALIZATION

Healthcare Disparities and the Patient Experience

Jessica Boore, Senior Data Analyst, Seattle Children's Hospital and Suzanne Spencer, MBA, MHA, Director of Clinical Analytics, Seattle Children's Hospital

Measure What Matters: A Plain Language Framework from Data to Dashboards

Vic Divecha, MSE, PMP, Projects Senior Manager, Michigan Medicine

Tracking Opioid Use

Cara Diaz, MHA, Business Intelligence Manager, Alaska Native Tribal Health Consortium

Transforming Patient Satisfaction Data Reporting and Usability at Michigan Medicine

Rose Juhasz, PhD, Administrative Manager, Customer Performance Metrics and Improvement Unit, Michigan Medicine

GOVERNANCE

Early Indicators of Institutional Acceptance of Rule-Based Data Error Identification in Healthcare Facilities

Meredith Zozus, PhD, CCDM, Associate Professor, University of Arkansas for Medical Sciences and Ahmad Bhagal, MD, MS, University of Arkansas for Medical Sciences and Zhan Wang, University of Arkansas at Little Rock

External Data Sharing: When Is It the Right Thing to Do?

Valerie Smothers, Data Trust Coordinator, Johns Hopkins Medicine and Kevin Michael Mooney, Esq., Senior Director, Enterprise Analytics, The Cleveland Clinic Foundation

MANAGING HEALTH

Data Mart Design and Implementation to Support Value-Based Care (VBC)

Panagiotis Kourtidis, Manager of Data Warehousing and IT, Rush University Medical Center and Nagarajan Chevula, MS, BI Manager, Rush University Medical Center

PROCESS LEARNING

Agile and Kanban in the Same Analytics Shop: Complementary Solutions for Physicians

Jennifer Gagnon, RN, CSM, Senior IT Manager, Duke University Health System

Data Concierge at Michigan Medicine

Jeffrey Chin, MHSA, Manager, Michigan Medicine

DataOps: Transforming Your Data & Analytics Teams to Meet Ever-Growing Enterprise Needs

Shakeeb Akhter, Director, Northwestern University

Knowledge Management in Healthcare Analytics

Greg Nelson, MMCI, CPHIMS, VP, Analytics & Strategy, Vidant Health and Monica Horvath, PhD, Senior Reporting Solution Manager, UNC Healthcare

Perilous Waters Ahead: Navigating the Abyss between Clinicians, Reporting, and Analytics Expectations and the Underlying Data Realities

Michael White, MD, MBA, Data Warehouse Architect, University of Utah Health and Reed Barney, Lead Principal Data Warehouse Architect, University of Utah Health

Reduce, Reuse, and Recycle Using LEAN

Yoshi Williams, MBA, Senior Data Architect, MultiCare Health System

RESEARCH

Efficient Management of Research Data

Daniel Schneider, MS, Manager of Research Analysts, Northwestern Memorial Hospital

TECHNICAL SOLUTIONS

A Case for a Tool: Michigan Chart Abstraction and Review Tool

Teodora Jevtic, BS, Application Programming Lead, Michigan Medicine and Lixin Yan, PhD, Application System Analyst, Program Staff Specialist, Michigan Medicine and Gwen Thompson, MPH, Manager, Quality Analytics Data Management, Michigan Medicine

Our OR Preference Cards Journey: From Excel to Analytics

Cynthia Tamayo, Analytic Architect, SCL Health

Streamlining Data Collections in Clarity and Caboodle: Reusable Objects, Reusable Code

Pamela Barth, MRP, Data Modeler, Duke University Health System

Undressing Skin Day: Removing the Manual Effort from Monthly Skin Assessments

Gwen Thompson, MPH, Manager, Quality Analytics Data Management, Michigan Medicine and Lauren Hodapp, MPA, Business Systems Analyst, Senior, Michigan Medicine

Using Simulation to Illustrate the Consequences of Analytic Decisions

Angelique Zeringue, PhD, Statistician, Mercy Health

TOOLS, METHODS, AND EMERGING TECHNOLOGIES

A Conceptual Framework for Adopting Open Source Software

David Frazier, EBI Database Developer II, Cleveland Clinic

Casting a Wide Net: Bringing Together Disparate Data Sources for Optimized Reporting

Umamalini Konanur, MS, Database Team Lead, Michigan Medicine and Candace Kolars, MPH, PhD, Clinical Information Analyst Sr., Michigan Medicine and Lauren Hodapp, MPA, Business Systems Analyst, Michigan Medicine

Cleveland Clinic: Making a Care for Data Vault Modeling

Keith Rosenbaum, MCIS, Assistant Director, Cleveland Clinic and Ani Simion, Cleveland Clinic

Matching Community Complexity: It's About a Village

Brad Ewald, Solutions Architect, Children's Hospital Colorado

Predicting Sepsis with Machine Learning

Anthony Oakey, Data Scientist, Rush University Medical Center

POSTER PRESENTATIONS

A Standardized Approach to Patient Matching

Jonathan Lowe, Informatics Analyst III, Emory University and Jake Kirsch, Informatics Analyst III, Emory University

Analytics, Engagement, Transparency: Bending the Cost Curve

Kelton Clements, Manager, Financial Analytics, University of Missouri Health Care and David Parker, Senior Director, Business Intelligence, University of Missouri Health Care

Applying National Quality Benchmarks to Improve Patient Care

Grant Lynde, MD, MBA, Associate Professor, Vice Chair—Quality, Emory University and Sun Choi, Data Analyst, Emory University

Big Data Analytics and Data Ingestion

Sharon Mei, MS, Enterprise Analytics Director, Baptist Health South Florida

Care Management Reporting: From Excel to Tableau Visualizations

Jenna Keedy, MPH, Clinical Information Analyst, Michigan Medicine

Creating Actionable Analytics

James Teigen, Business Intelligence Developer, Sharp HealthCare

Creation of a Triage Process for Assignment of Report Request

Beth Willmitch, RN, MBA, Senior Analytics Architect, Baptist Health South Florida

Data Governance—Business Glossary Process and Journey

Martha Robinson, Systems Analyst, Cleveland Clinic

Development of a Data Mart for Electronic Surveillance of Ventilator-Associated Events (VAE) in Adults

Jayashree Neeluru, MBBS, MSHS, Clinical Information Analyst Lead, Michigan Medicine

Diagnosing No-Show Appointments

Robert Brooks, BSE, MSISE, Manager, Henry Ford Health System and Matt Haugh, MA, Senior Analyst, Henry Ford Health System

Driving Changes of Clinical Therapy Practices with Scoring Transparency

Jonathan Godfrey, MBA, Business Intelligence Analyst, University of Utah Health

Driving Efficiency and Improving User Engagement Using Self-Service Analytics at SCA

Jegan Vignesh Sivaraj, MS, BI Developer, Surgical Care Affiliates and Laura Wells, MPH, Product Manager, SCA Insight, Surgical Care Affiliates

Enhancing the Multidisciplinary Care Team Approach for Transplant Patients Using Automated Data Solutions

Kendra Little, MPH, Manager, Data Solutions, Emory University and Jake Kirsch, Informatics Analyst, Emory University

HCC Performance Reporting

Mark Ruffing, MBA, Manager, Enterprise Analytics, Cleveland Clinic

How Policy Drives Information Technology

Ellen Bunting, MA, Business Development Director, Michigan Medicine

Leveraging Cloud Computing to Support Self-Service Analytics

Andy Cruz, Lead Data Engineer, Penn Medicine and Yuliya Borovskiy, MS, Lead Clinical Information Analyst, Penn Medicine

Supporting Reproducibility in a Learning Health System: Surveying Data Warehousing Quality-Related Practices, Assessing Awareness and Perspectives, and Gauging Training Needs

Catherine Craven, PhD, MA, MLS, Senior Clinical Informaticist, Mount Sinai Health System

University of Utah School of Dentistry: Student Assessment and Performance Tool

Kristin Jeong, MS, Business Intelligence Analyst, University of Utah Health and Weston Stringham, Data Warehouse Engineer III, University of Utah Health

Utilizing Supplemental Data to Close Gaps in Care

Jeff Phillips, Manager, Database Solutions, Cleveland Clinic and Chris West, Financial Analyst, Cleveland Clinic

Utilizing a Single Database for Multiple Projects Using OMOP CDM

Prasanth Nannapaneni, Data Architect, Northwestern University