

Clinical Laboratory Analytics
Satellite Sessions in Conjunction with Lab Medicine 2017
 Academy of Clinical Laboratory Physicians & Scientists

THURSDAY, JUNE 15	
8:00 - 8:10 AM	Welcome and Introductions
8:10 - 8:45 AM	Biocuration: Ensuring Consistency and Accessibility in Healthcare Data Lakes
	Wade Schulz & Thomas Durant - Yale University
8:50 - 9:25 AM	Data Mining Cases Studies in the Clinical Laboratory: Robust Reference Ranges and Tracking Down Analytical Anomalies
	Julia Drees - Kaiser Permanente Regional Laboratories, Northern California
9:25 - 9:35 AM	Break
9:35 - 10:10 AM	Laboratory Test Results: When Do Analytics Outperform an Assay?
	George Hauser - Yale University
10:15 - 10:50 AM	Adventures in Analytics: Simulated Results Provide Real Value
	Robert Schmidt - University of Utah and ARUP Laboratories
10:50 - 11:00 AM	Break
11:00 - 12:00 PM	Panel Discussion: Practical Challenges of Developing Laboratory Analytics Infrastructure and Expertise
	Panelists: Jason Baron, Massachusetts General Hospital Daniel Herman, University of Pennsylvania Wade Schulz, Yale University Charles Torre, Yale New Haven Health
	Moderator: Joe Rudolf, Massachusetts General Hospital
12:00 PM	End of Session

Session Description

The clinical laboratory is a major source of health care data. Increasingly this data is being integrated with other data to inform health system wide actions meant to improve diagnostic test utilization, service efficiency, and “meaningful use.” This session will feature didactic presentations designed for individuals interested in learning more about laboratory analytics and short presentations of current trends in clinical laboratory analytics. The session will conclude with a discussions of the challenges for the field and perspectives from those currently developing clinical laboratory analytics infrastructure and solutions.

Clinical Laboratory Analytics 2017 Presenters

Wade Schulz, MD, PhD

Resident Physician, Department of Laboratory Medicine, Yale School of Medicine, New Haven, CT

wade.schulz@yale.edu

Thomas Durant, MD

Resident Physician, Department of Laboratory Medicine, Yale School of Medicine, New Haven, CT

thomas.durant@yale.edu

Julia Drees, PhD

Scientific Director of Clinical Chemistry, Kaiser Permanente Regional Laboratory, Northern California, Richmond, CA

Julia.C.Drees@kp.org

George Hauser, MD

Instructor, Department of Laboratory Medicine, Yale School of Medicine, New Haven, CT

ronald.hauser@yale.edu

Robert Schmidt MD, PhD, MBA

Director, Center for Effective Medical Testing, Associate Professor, Department of Pathology, University of Utah Health Sciences Center, Salt Lake City, UT

robert.schmidt@hsc.utah.edu

Jason Baron, MD

Medical Director Core Laboratory, Assistant Pathologist, Massachusetts General Hospital, Boston, MA

jmbaron@partners.org

Daniel Herman, MD, PhD

Assistant Professor of Pathology and Laboratory Medicine, Hospital of the University of Pennsylvania, Philadelphia, PA

Daniel.Herman2@uphs.upenn.edu

Charles Torre, MHA

System Executive Director, ITS, Yale New Haven Health System, New Haven, CT

Charles.TorreJr@ynhh.org

Clinical Laboratory Analytics 2017 Organizers

Patrick Mathias, MD, PhD

Acting Assistant Professor, Department of Laboratory Medicine, University of Washington, Seattle, WA

pcm10@uw.edu

Joseph Rudolf, MD

Fellow, Partners Integrated Program in Pathology Informatics, Massachusetts General Hospital, Boston, MA

jrudo1@partners.org