



The Inaugural USP Pharmacoinformatics Workshop

April 3-4, 2019

USP Headquarters, Rockville, Maryland, USA

~Final Agenda~

Day 1: April 3rd, 2019

8:00am - 8:30am: Registration and Coffee

8:30am – 8:45am: Welcome: Michael Levy, M.Sc., M.B.A.
Vice President, Research and Innovation, USP

8:45am – 9:15am: Introduction to USP and Translational Informatics: Donna Bohannon & Steven Emrick
HealthCare Quality and Safety, USP

9:15am– 10:00am: Keynote speaker – Dr. Shantanu Agrawal, President and CEO of the National Quality Forum

Session 1: Applied Clinical Informatics

Objective: Review current and future state of data used in clinical practice, and explore opportunities for improved standardization and interoperability of data.

10:00am – 10:30am: Drug Allergies and Intolerances: Dr. Shelly Spiro, Member, USP Allergy and Intolerance Expert Panel

10:30am – 11:00am: Drug – Drug Interactions: Richard Boyce, Ph.D., Associate Professor of Biomedical Informatics and Clinical and Translational Science, University of Pittsburgh Clinical and Translational Science Institute

11:00am – 11:15: Break

11:15am – 11:45am: Data standards in e-prescribing: Stephen Mullenix, SVP of Public Policy and Industry Relations, National Council of Prescription Drug Programs (NCPDP)

11:45am – 12:15pm: Dr. Brad Tice, President, American Pharmacists Association (APhA)

12:15pm – 12:45pm: Q&A Session

12:45pm - 1:30pm: Lunch and Self-Guided Tour of USP Library/Museum

Session 2: Regulatory and Agency Update, Session A

Objective: Federal Agency updates for data standards in Health IT

1:30pm – 2:00pm: 21st Century Act Cures Implementation: Dr. Jon White, Deputy National Coordinator, Office of the National Coordinator of Health IT

2:00pm – 2:30pm: Interoperable clinical decision support for pain management: Dr. Edwin Lomotan: Chief of Clinical Informatics, Agency for Healthcare Research and Quality (AHRQ), Center for Practice Improvement

2:30pm – 2:45pm: Break

2:45pm – 3:15pm: Precision FDA, Elaine Johanson, Director (Acting), Office of Health Informatics

3:15pm – 3:45pm: Dr. Lynn Sanders, Associate Chief Consultant for Pharmacy Re-engineering and Informatics, VHA Pharmacy Benefits Management

3:45pm – 4:15pm: Q&A Session

4:15pm – 5:00pm: Networking Reception (Hors d'Oeuvres provided)

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Day 2: April 4th, 2019

8:00am - 8:30am: Registration and Coffee

8:30am – 9:15am: Keynote speaker: Dr. Frank Federico, Executive Director, Institute for Healthcare Improvement (IHI)

Session 3: Quality Measurement and Informatics

Objective: Use of data standards to create and track quality measures in various clinical settings

9:15am – 9:45am: Clinical Quality Measurement: Principals, Priorities and Opportunities: Dr. Marjorie Rallins, Chief Science Officer, The PCPI Foundation (formerly know as the Physicians Consortium for Performance Improvement)

9:45am – 10:15am Matthew Pickering, Senior Director, Research & Quality Strategies, Pharmacy Quality Alliance (PQA)

10:15am – 10:30am: Break

Session 4: Data that Supports Compounded Drugs and Personalized Medicine

Objective: Discuss current state of data to support tailored prescribing, dosing, and administration of drugs

10:30am – 11:00am: Reducing Medication Errors from the Electronic Prescription Transmission – Encoding Compounded Drug Preparations: Dr. Richard Parrish, Co-Chair, USP Exchange of Compounded Preparation Information in Health IT Systems Expert Panel

10:30am – 11:00am: Personalized Medicine and Pharmacogenomic Data: Dr. Josh Peterson, Associate Professor of Biomedical Informatics and Medicine Vanderbilt University Medical Center

11:30am – 12:00pm: Q&A/Discussion

12:00pm – 1:00pm: Lunch and Self-Guided Tour of USP Library/Museum

Session 5: Standardizing Data and its Context from Planning Through Capture to Facilitate Consumption and Analysis

Objective: Discuss industry-wide collaboration to define a framework for capturing and structuring data to enable connectivity and interoperability across the bio-pharmaceutical domain, and a specific illustration of its broad applicability to common workflows in the analytical chemistry laboratory and beyond.

1:00pm – 1:20pm: Dana Vanderwall, Director, Biology & Pre-Clinical Sciences IT Chair, Allotrope Foundation Board of Directors Bristol-Myers Squibb

1:20pm – 1:40pm: Siping Wang, CEO, COO and Co-founder, Tetrascience

1:40pm – 2:00pm: Steven Bird, Director, Informatics Strategic Marketing, Waters Corporation

2:00pm – 2:30pm: Q&A/Discussion

2:30pm – 2:45pm: Break



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Session 6: Regulatory and Agency Update, Session B

2:45pm – 3:15pm: Global Substance Registration System (G-SRS): Dr. Larry Callahan, FDA Office of Informatics

3:15pm – 3:45pm: Molecular Target Adverse-Event Profile: Mechanistic Predictions for Drug Safety: Rebecca Racz, Pharm.D., FDA/CDER

3:45pm – 4:15pm: Clinical Informatics at the FDA: Dr. Joseph Tønning, Associate Director of Biomedical Informatics, FDA/CDER

4:15pm – 4:30pm: Q&A/Discussion

4:30pm: Wrap-up and adjourn: Steve Emrick, Senior Product Manager, HealthCare Quality Systems, USP