

Driving Improved Practice and Research Through Data

Friday, March 22, 2019 • 8:30 am to 5:30 pm

8:30 Registration and Breakfast

9 Introductory Remarks

Mary Saltz, MD

9:10 Keynote Speaker

Research Informatics: The Requisites

Michael Becich, MD, PhD

10:15 Coffee Break

10:25 Showcase of Informatics Development

Challenges and Opportunities In Using Health Care Data

Janos Hajagos, PhD

Hotspot Mapping, Examples: Opioids And Libraries, Provider Mapping, Using Google Earth

Mary Saltz, MD

Mining Health Care Data for Phenotypes (Acute Kidney Failure, Diabetes)

Richard Moffitt, PhD

Telemedicine Highlights

Kim Noel, MD

Noon Lunch

- 1 *Using Databases for Population Health Research: An Introduction*

Bian Liu, PhD, Icahn School of Medicine at Mount Sinai-Institute for Translational Epidemiology

- 1:45 *Hands on with New York Public SPARCS Data*

Bian Liu, PhD

- 2:25 *What Are AI, Machine Learning and How Are They Changing Healthcare? Use-Case: Whole Slide Imaging*

Joel Saltz, MD, PhD

3:25 Coffee Break

- 3:30 *Clinical Informatics in Action and Career Paths*

Veena Lingam, MD

- 4 *Ask the Experts: Healthcare Data Challenges and Opportunities*

Joel Saltz, MD, PhD; Janos Hajagos, PhD; Michael Becich, MD; Kimberly Noel, MD

4:25 Closing Remarks

Mary Saltz, MD

4:45 Networking Reception Showcasing Hands-on Demonstrations: Mapping Tools, Public SPARCS Data, Pathology Tools