

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 Showcase of Informatics Development - Part I

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

10 Coffee Break

10:10 Keynote Speaker

Resources for Computational Medicine and AI: Lessons Learned from an Academic Health System

Michael Becich, MD, PhD

11:10 Showcase of Informatics Development - Part II

Precision Medicine and Informatics Challenges in Pancreatic Cancer

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

- 1:40 *Hands on with New York Public SPARCS Data*

Bian Liu, PhD

- 2:20 *What Are AI and Machine Learning, and How Are They Changing Healthcare? Use-Case: Whole Slide Imaging*

Joel Saltz, MD, PhD

3 Coffee Break

- 3:10 *A Platform Approach to Scalable Digital Transformation*

Ashish Atreja, MD

- 3:55 *Clinical Informatics in Action and Career Paths*

Veena Lingam, MD

- 4:10 *Ask the Experts: Healthcare Data Challenges and Opportunities*

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

4:35 Closing Remarks

Mary Saltz, MD

4:40 Networking Reception

Showcasing Hands-On Demonstrations: Mapping Tools, Public SPARCS Data, Pathology Tool

5 Bus Departs for Stony Brook University



**Stony Brook
Medicine**