

Agenda DMICC Virtual Meeting May 30, 2024 (12 PM-3:30 PM)

Topic: Artificial Intelligence in Diabetes Precision Medicine: Real world data, real world opportunities and challenges

12:00-12:10 p.m. Welcome: Dr. Griffin Rodgers, Dr. William Cefalu

12:10-1:40 p.m. Presentations

- Overview of the use of AI/ ML in medicine & the recent advancements - Dr. Hoifung Poon, Microsoft Research
- The application of AI/ML in understanding diabetes heterogeneity and in diabetes precision medicine - Dr. Michael Snyder, Stanford University
- AI/ML in support systems for patient self-management and for clinical decision making - Dr. Peter Jacobs, Oregon Health & Science University (OHSU)

1:40-1:50 Break

1:50-2:50 p.m. Panel: Opportunities and Challenges moving Forward

- Emerging opportunities from recent advances in data science: the ODSS perspective. Ishwar Chandramouliswaran, the Office of Data Science Strategy (ODSS), NIH
- Data resources relevant to precision medicine of diabetes and other chronic disease: the All of Us research program. Dr. Andrea Ramirez,
- Ethics issues in responsible AI: the bridge2AI approach. Dr. Aaron Lee, University of Washington

2:05-2:50 p.m. Open discussion led by panelists/discussants.

2:50-3:30 p.m. Speaker Panel & open discussion. Drs. Poon, Snyder, and Jacobs

3:30 PM Closing remarks: Dr Cefalu