Harnessing Innovative Technologies for Diabetes Research

2022 Annual Symposium
April 14, 2022, 8:00 am-4:00 pm PST
UW Center for Urban Horticulture
Full-Day Symposium Register at: diabetesmetabseminars.com

8:00  Continental Breakfast
8:30  Opening Remarks and Welcome

8:45  Jessica Castle, MD
Associate Professor, Oregon Health and Science University
Diabetes Technology, Promise and Challenges

9:30  Mauricio Villarroel, PhD
Senior Research Scientist, University of Oxford
Non-contact Physiological Measurement of Patients’ Vital Signs

10:15  Break
10:30  David Tingley, PhD
Postdoctoral Fellow, Beth Israel Deaconess Medical Center
Time Series Data Mining Using the Matrix Profile: A Unifying of Motif Discovery, Anomaly Detection, Segmentation, Classification, Clustering and Similarity Joins

11:15  Carlos Campos, PhD
 Associate Professor of Medicine, University of Washington
Harnessing Time Series Data to Understand Meal Patterns

12:00  Lunch
1:30  Kyle Gaulton, PhD
Assistant Professor, Department of Pediatrics, University of San Diego
Interpreting Type 1 Diabetes Risk with Genetics and Single-cell Epigenomics

2:15  TBD
3:00  Break
3:15  Sina Gharib, MD
Professor, University of Washington
Wrap Up and Concluding Remarks