

# AGENDA

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## Learning Health Systems Fall Symposium | Tuesday, December 13, 2022

Start Time (ET)	Agenda	Speakers
9:30 AM	<b>Registration / Breakfast</b>	---
10:00 AM	<b>Opening Remarks</b>	Muredach Reilly (CUIMC)
10:05 AM	<b>Session 1 - Movement Towards LHS</b>	Facilitator: Chunhua Weng (CUIMC)
10:10 AM	Transforming Care Delivery: Application of a Learning Health System Model	Namita Azad (ColumbiaDoctors / CUIMC)
10:30 AM	Learning Health System Approach to Preventing Catheter Associated Urinary Tract Infections (CAUTIs): A Randomized Quality Improvement Project	Jason Adelman (NYP / CUIMC)
10:50 AM	Creating a learning public mental health system in New York State	Thomas Smith (NYS Office of Mental Health)
11:10 AM	Session 1 Q&A Panel	Session 1 Speakers
11:30 AM	<b>Break</b>	---
11:40 AM	<b>Session 2 - LHS Pilot Programs at Columbia</b>	Facilitator: Muredach Reilly (CUIMC); Remarks from Dr. Laureen Hill (NYP)
	Spark Talk - Innovation at the Point of Care: Optimized Appointment Scheduling	Corinne DePue and Carolyn Armstrong (ColumbiaDoctors)
	Spark Talk - Causal Fairness in Intensive Care Medicine	Drago Plecko (Columbia Engineering)
	Pilot Winner - Piloting a Pediatric Health Equity and Quality Dashboard and Implementation Roadmap	Sandhya Brachio (CUIMC)
	Pilot Winner - A Machine Learning Approach for Early Detection of Sepsis	Carri Chan (Columbia Business School) and Benjamin Ranard (CUIMC)
	Session 2 Q&A Panel	Session 2 Speakers
12:50 PM	<b>Lunch in Riverview Terrace</b>	---
1:50 PM	<b>Session 3 - Community Innovations in LHS</b>	Facilitator: Eric Vieira (Columbia Engineering)
2:00 PM	HER in the EHR: Developing and Implementing a Postpartum Depression Risk Prediction Model	Yiye Zhang (Weill Cornell Medicine)
2:20 PM	Using Speech and Language to Identify Patients at Risk for Emergency Department Visit and Hospitalization in Home Healthcare	Maryam Zolnoori (Columbia Engineering)
2:40 PM	Session 3 Q&A Panel	Session 3 Speakers
2:55 PM	<b>Closing Remarks</b>	---
3:00 PM	<b>Adjourn</b>	---

**HOSTED BY** Columbia School of Engineering and Applied Science and the Irving Institute for Clinical and Translational Research.

**IN PARTNERSHIP WITH** Columbia Business School, Columbia University Irving Medical Center, its Faculty Practice Organization, ColumbiaDoctors, New York State Office of Mental Health, NewYork-Presbyterian, and Weill Cornell Medicine.