Translational Medicine
Invited Speaker Seminar
2022-2023

Medical Imaging
UNIVERSITY OF TORONTO **Host: Dr. Andrea Doria**

Diagnostic Imaging
ENERGY WITH VISION

Leo Anthony Celi, MD, MSc, MPH

Institute for Medical Engineering and Science, MIT

Division of Pulmonary, Critical Care and Sleep Medicine, Beth Israel Deaconess Medical Center

Department of Biostatistics, Harvard T.H. Chan School of Public Health

"Health AI will Fail without Data Sharing"

Thursday, February 23, 2023

PGCRL Multi-Media Room, 03.9320

12:00-1:00pm

Followed by Meet & Greet

Lunch will be served

OR

Join Us Virtually:

https://zoom.us/j/957332255045?pwd=a1dZZWRkOVRIRINJa1ZiNHRCSi9aZz09

Meeting ID: 957 3325 5045

Passcode: 475643

SickKids

Leo A. Celi, MD, MSc, MPH

Principal Research Scientist, Massachusetts Institute of Technology Clinical Research Director, Laboratory of Computational Physiology ● Co-Director, MIT Sana ● Staff Physician, Division of Pulmonary, Critical Care and Sleep Medicine, Beth Israel Deaconess Medical Center ● Associate Professor of Medicine, Part-time, Harvard Medical School

Dr. Leo Anthony Celi is the clinical research director and principal research scientist at the MIT Laboratory for Computational Physiology (LCP), and as a practicing intensive care unit (ICU) physician at the Beth Israel Deaconess Medical Center (BIDMC), Leo brings together clinicians and data scientists to support research using data routinely collected in the process of care. His group built and maintains the publicly-available Medical Information Mart for Intensive Care (MIMIC) database and the Philips-MIT eICU Collaborative Research Database, with more than 12,000 users from around the world. MIMIC-III has been cited more than 500 times since 2016. In addition, Leo is one of the course directors for HST.936 – global health informatics to improve quality of care, and HST.953 – collaborative data science in medicine, both at MIT. He is an editor of the textbook for each course, both released under an open access license. "Secondary Analysis of Electronic Health Records" has been downloaded more than 500,000 times, and has been translated to Mandarin. Finally, Leo has spoken in more than 35 countries across 6 continents about the value of data and learning in health systems.

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