

# SER Mid-Year Meeting

**Meeting date:** 08/03/2024

**Start time:** 8:00 a.m. EST

**End time:** 5:30 p.m. EST

**Meeting location:** Mars Discovery District, 101 College St, Toronto, ON M5G 1L7

*The theme of this year's SER mid-year meeting is Innovative Data Science Applications in Epidemiology. The availability of big data sources has dramatically changed in recent years, and as a result, the methods that fall under the umbrella of data science have been rapidly evolving. This meeting will highlight the latest advances in data science as they relate to the practice or field of epidemiology.*

***For in-person attendees, please join us for a welcome reception and social event on Thursday, March 7, from 6-8 pm at the Faculty Club, University of Toronto, 41 Willcocks St, Toronto, ON M5S 3G3.***

TIME	DESCRIPTION	SPEAKERS
8:00 am - 8:30 am	Registration and Coffee	
8:30 am - 8:45 am	Welcome	Hailey Banack, Laura Rosella, Jess Edwards
8:45 am - 9:30 am	Morning Keynote: New Opportunities in AI and Epidemiology	Magdalena Cerda
9:30 am - 10:15 am	Panel 1: Data Science at the Intersection of Academia with Healthcare and Public Health	Introduction: Lief Pagalan Joe Kim, Adalsteinn (Steini) Brown, Zahra Shakeri
10:15 am - 10:45 am	Break	
10:45 am - 12:00 pm	Invited Talks #1:  Data Science Innovations in Descriptive Epidemiology and Surveillance: New Data Sources and Novel Methods	Introduction: Mary Aglipay  Moderator: David Buckeridge  Hiroshi Mamiya, Laura Anderson, Camilla Zakaria, Helen Chen

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TIME	DESCRIPTION	SPEAKERS
12:00 pm - 1:00 pm	Lunch	Lunch and Learn: Harnessing the Power of AI in Cancer Research - Dr. Alejandro Berlin
1:00 pm - 1:45 pm	Afternoon Keynote: AI and Health Disparities	Irene Y. Chen
1:45 pm - 2:45 pm	Invited Talks #2:  Advances in AI and Data Science in Predictive & Etiologic Applications for Epidemiology	Moderator: Sonia Grandi  Introduction: David-Dan Nguyen  Arif Jetha, Andy Wong Jude Kong, Richard Perez
2:45 pm - 3:00 pm	Break	
3:00 pm - 4:30 pm	Invited Talks #3:  Target Trial Emulation in Nutritional Epidemiology	Yu-Han Chiu, Dalia Stern Octavio Pano, Natalia Ortega, Conor MacDonald
4:30 pm - 5:15 pm	Panel 2: Is Advanced Data Science and AI an Essential Component of Modern Epidemiology?	Jay Kaufman, Lisa Strug Monica Alexander, Arjumand Siddiqi
5:15 pm - 5:30 pm	Closing	Hailey Banack, Laura Rosella, Jess Edwards