

2024 London Health Research Day

MONDAY, MAY 6, 2024

Public Lecture (Open to all)

How will AI change us? Two ways. Gradually, then suddenly.

Keynote Speaker: Mark Daley, PhD

In this talk, we'll consider the dynamic world of generative artificial intelligence (AI) and its growing impact on every element of society. We begin with a definition of generative AI: a straightforward look at what it is and its capabilities and limitations. We then transition to practical insights, examining how AI tools are currently being used in a wide variety of settings. This will include some instruction on how you might adapt generative AI to your own needs and use cases. The final part of the talk looks forward, discussing the near-future implications of AI in research and teaching.

6pm – 7:15pm | Labatt Health Sciences Building, Room 40

TUESDAY, MAY 7, 2024

7:30am – 8:30am	Poster Setup	Mustang Lounge
8:30am – 10am	Poster Session I	Mustang Lounge
10:30am – 11:30am	Symposia-Oral Presentations (trainee)	UCC rooms 37, 41, 54A and 67
11:30am – 12:15pm	Lunch	Mustang Lounge

Public Lecture (Open to all)

The AI tipping point: Future directions for the applications of AI for health

Keynote Speaker: Laura Rosella, PhD

Data and analytics have never been more important in society and, in particular, for informing health decisions. There has been a rapid change in the nature of data used in health and epidemiologic research and an increased focus on using artificial intelligence (AI) in analyzing those emerging data sources. There are many conflicting points of view on the utility of AI in an epidemiologic context and a lack of clarity on the implications for medicine and public health. This talk will cover the myths, the debates, and the skepticism (from all sides) and outline a proposed direction for the role of AI in the future of health, ranging from discovery to clinical and public health applications. We will additionally cover the regulatory considerations required to move these discoveries into practice as well as implications for bias, equity, surveillance, and causal inference. We will conclude by summarizing the implications for epidemiology research and training.

12:15pm – 1:15pm | McKellar Room

1pm – 1:30pm	Poster Setup	Mustang Lounge
1:30pm – 3pm	Poster Session II	Mustang Lounge

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TUESDAY, MAY 7, 2024 (WORKSHOPS)

3pm – 4pm

Workshop 1: Indigenous healthcare in southern Ontario: Accessibility, research, and outcomes

UCC 41

Heather Talbot and Dr. Vanessa Ambtman-Smith

Equity-deserving groups often have to navigate substantial barriers in the pursuit of comprehensive health care. At our panel event, Heather Talbot and Dr. Vanessa Ambtman-Smith will join us to discuss some of the challenges faced by local Indigenous communities with regards to health-care accessibility, research, and outcomes, followed by discussion on current innovations and future steps towards addressing these issues. This workshop is brought to you by the Schulich School of Medicine & Dentistry CR(EDI)T group.

3pm – 4pm

Workshop 2: Mastering non-academic job applications: Strategies for success

UCC 37

Craig Ingram, Manager, Career Education, Western University

Embark on a transformative journey with our dynamic workshop tailored exclusively for postdoctoral scholars thriving in academia. Uncover the thrilling pathways beyond traditional academia to assist you with strategies for updating your resume, crafting compelling cover letters, and optimizing your LinkedIn profile to seamlessly transition into non-academic roles. This workshop is brought to you by PAW (Postdoctoral Association at Western) (Lead: Manoj Medapati).

3pm – 4pm

Workshop 3: Science policy and evidence-based decision making

UCC 67

Sarah Laframboise, Lane Buchanan, and Jashan Gill

Dive into the exhilarating realm of science policy and evidence-based decision-making with our electrifying workshop! Join the impassioned PhD candidate, Sarah Laframboise, as she unveils the intricacies of federal research funding in Canada and shares invaluable strategies for advocating science with government stakeholders through data-driven approaches. Sarah Laframboise will be joined by Lane Buchanan, PhD Candidate and Jashan Gill. This workshop is brought to you by the Western Research Policy Network (WRPN).

