

EPI SEMINAR SERIES – FALL 2022

Date	Speaker	Title	OBJECTIVES	RECORDING
September 26, 2022	Geneviève Cadieux/Robert Allard/Pascale Leclerc/Céline Signor (Montreal Public Health)	<u>Applied epidemiology at Montreal Public Health: Monkeypox, COVID-19, and Beyond</u>	<p>1. Describe how some epidemiological methods and statistical analyses are used to investigate communicable disease outbreaks and guide interventions aimed at controlling transmission;</p> <p>2. Describe how some epidemiological methods and statistical analyses are used to evaluate population-level outcomes of public health interventions at Montreal Public Health;</p> <p>3. Identify various opportunities for practical learning, graduate student research and remunerated employment for epidemiologists at Montreal Public Health.</p>	<u>Recording</u>
October 17, 2022	SPECIAL LECTURE; co-hosted by EBOH-SPGH-EDI-AR & SACE - Stephanie Nixon (Queens)	<u>Power, privilege and allyship: what does it have to do with me?</u>		<u>Recording</u>
October 24, 2022	Laís Picinini Freitas (UdeM)	<u>Spatio-Temporal Distribution and Associated Environmental and Socioeconomic Factors: Studying a Triple Epidemic of Dengue, Zika and Chikungunya</u>	<p>1. Review the epidemiology of dengue, Zika and chikungunya, and the challenges in the prevention and control of these arboviral diseases;</p> <p>2. Review the different factors (demographic, environmental and</p>	<u>Recording</u>

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			<p>socioeconomic) associated with the spatio-temporal distribution of arboviral diseases;</p> <p>3. Discuss how spatio-temporal analyses can help in public health strategies.</p>	
October 31, 2022	Michel Rossignol (McGill)	<p><u>Epidemiology in the Courtroom: Where Uncertainties Learn to Tango with the Truth</u></p>	<p>1. Know the judicial criteria for the assessment of scientific evidence;</p> <p>2. Understand the difference between scientific and judicial concepts of causality;</p> <p>3. Comprehend the opportunities and the limitations of the role played by a scientific advisor in a courtroom.</p>	<p><u>Recording</u></p>
November 14, 2022	Julian Santaella-Tenorio (NYU)	<p><i>Unintended Consequences of Medical and Recreational Marijuana Legislation in the United States</i></p>	<p>1. Review the landscape of medical and recreational marijuana laws in the United States and current concerns about the unintended consequences of these laws;</p> <p>2. Describe the methods and findings from studies examining the associations between medical/recreational marijuana laws and health outcomes;</p> <p>3. Discuss limitations of previous studies and</p>	<p><u>Recording</u></p>

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			current gaps in knowledge to help prevent unintended consequences of these laws.	
November 21, 2022	Brooke Levis (McGill) & Lauren Maxwell (U Heidelberg)	<u>Developing & executing an individual participant data meta-analysis (IPD-MA) of an emerging pathogen: Lessons learned from the ZIKV IPD-MA</u>	1. Describe the basic steps involved in delivering IPD-MA projects; 2. Share tools and templates available for improving the efficiency of IPD-MA projects; 3. Discuss the challenges of data sharing for IPD-MA projects and potential solutions.	<u>Recording</u>
November 28, 2022	Josée Dupuis (McGill)	<u>Whole Genome Sequencing and Risk of Type-2 Diabetes: Multi-Cohort Approaches</u>	1. Understand the limitations of genome-wide association studies in the context of type-2 diabetes; 2. Identify sources of unexplained heritability in type-2 diabetes and related glycaemic traits; 3. Understand how genetic variants may influence type-2 diabetes diagnosis.	<u>Recording</u>