

## Epidemiology Seminars - Winter 2022

Date	Speaker	Title	OBJECTIVES	RECORDING
January 17, 2022	<b>Honor Bixby</b> (McGill)	<a href="#"><u><i>A Global and Local View of Cities and Health Inequalities</i></u></a>	<ol style="list-style-type: none"> <li>1. Describe global patterns of urbanization;</li> <li>2. Describe mean body-mass index (BMI) trends in urban and rural populations worldwide and the contribution of rising rural populations' mean BMI to the global trend;</li> <li>3. Recognize that health outcomes can vary substantially across population sub-groups within cities.</li> </ol>	<a href="#">Link</a>
January 24, 2022	<b>Carmen Messerlian</b> (Harvard)	<a href="#"><u><i>The Scientific Early Life Environmental Health and Development (SEED) Program</i></u></a>	<ol style="list-style-type: none"> <li>1. To describe how the environment impacts reproductive success, including fertility and pregnancy outcomes;</li> <li>2. To describe the role of male and female exposures and their joint effect on perinatal and birth outcomes;</li> <li>3. To discuss the implications of scientific evidence on current and future clinical and public health strategies.</li> </ol>	<a href="#">Link</a>
January 31, 2022 NO EPI SEMINAR	<b>PUBLIC HEALTH DAY -</b> 2:30-6:30PM EST	<a href="#"><u>Keynote Speakers: Sonia Anand &amp; Sara Curley Smith</u></a> <a href="#"><u>Registration Link</u></a>		
February 14, 2022	<b>Alissa Koski</b> (McGill)	<a href="#"><u><i>Child Marriage or Statutory Rape? A comparison of law and practice across the United States</i></u></a>	<ol style="list-style-type: none"> <li>1. Learn about child marriage as a population health and human rights concern;</li> <li>2. Discuss laws that govern marriage and sexual activity among children in the United States;</li> <li>3. Consider how these laws intersect in ways that may motivate child marriage.</li> </ol>	<a href="#">Link</a>
February 21, 2022	<b>Faraz Vahid Shahidi</b> (University of Toronto)	<a href="#"><u><i>Can social policy reduce health inequalities? Some Canadian evidence</i></u></a>	<ol style="list-style-type: none"> <li>1. To describe recent trends in Canadian health inequalities;</li> <li>2. To discuss the importance of social policy as a determinant of population health and health equity;</li> <li>3. To synthesize recent findings on the health effects of social policies in Canada.</li> </ol>	<a href="#">Link</a>

Date	Speaker	Title	OBJECTIVES	RECORDING
March 14, 2022	<b>Anick Bérard</b> (Université de Montréal)	<u><a href="#">Association Between Incident Exposure to Benzodiazepines in Early Pregnancy and the Risk of Spontaneous Abortion</a></u>	<ol style="list-style-type: none"> <li>1. Review the fetotoxicity of benzodiazepine use during pregnancy, and justify studying spontaneous abortions;</li> <li>2. Present the Quebec Pregnancy Cohort;</li> <li>3. Discuss the place of benzodiazepines to treat anxiety, insomnia, and mood disorders during pregnancy.</li> </ol>	<a href="#">Link</a>
March 21, 2022	<b>Steven Stovitz</b> (University of Minnesota)	<u><a href="#">Collider bias is like kryptonite to Evidence-Based Medicine: It is time for some new approaches</a></u>	<ol style="list-style-type: none"> <li>1. To provide a qualitative and quantitative review of articles claiming that there's an obesity paradox and explain that these studies suffer from collider bias (a form of selection bias);</li> <li>2. To recognize that these articles are adversely affecting the medical community and exposing a flaw in our traditional systems of evidence evaluation;</li> <li>3. To discuss some novel approaches that may help us to get back on track to achieve the goals of Evidence-Based Medicine.</li> </ol>	<a href="#">Link</a>
March 28, 2022	<b>Lauren Stadler</b> (Rice University)	<u><a href="#">Waste to Action: Wastewater disease surveillance for public health response in Houston, TX</a></u>	<ol style="list-style-type: none"> <li>1. Review how wastewater-based epidemiology has been applied to track the progression of the COVID-19 in a major US city;</li> <li>2. Review how wastewater monitoring has been used to inform public health interventions and direct resources to underserved communities;</li> <li>3. Discuss the potential of wastewater monitoring for other diseases.</li> </ol>	<a href="#">Link</a>