



# École internationale sur l'adaptation à la chaleur

21-25 juillet **2025**

# Global School on Heat Adaptation

July 21-25 **2025**

Date	Theme	Leads	AM	Lunch (12-13h)	PM	Evening
Monday July 21st	Climate change, heat and health	Daniel Gagnon, Jennifer Vanos	<p><b>8:00 - 9:00</b> Opening remarks and roundtable for "flash" introductions (DG)</p> <p><b>9:00 - 10:00</b> Overview of the Global Center for Heat Adaptation: vision, goals, and approaches (JV)</p> <p><b>10:00 - 10:30</b> Coffee break and visit of Centre ÉPIC (DG)</p> <p><b>10:30 - 11:30</b> The science of climate change, climate change attribution for heat &amp; health (JV)</p>	Lunch provided	<p><b>1:00 - 4:00</b> -Students: Group activity -Core team: meeting for data collected as part of track 2 and breakouts to design collaborative research projects/grant proposals.</p>	<p><b>5:00 - 7:00</b> Wine and cheese with student poster presentation</p> <p>*Diner on own</p>
Tuesday July 22nd	The physiology of extreme heat	Daniel Gagnon, Nicholas Ravanelli	<p><b>8:00 - 9:30</b> Pathophysiology of heat-related health risks (DG)</p> <p><b>9:30 - 10:00</b> Coffee break</p> <p><b>10:00 - 11:30</b> Technological opportunities and challenges for monitoring heat stress and strain in situ (NR)</p>	Lunch provided	<p><b>1:00 - 4:00</b> -Students: pomodoro style working time. -Core team: meeting to plan track 1 application.</p>	<p><b>5:00 - 7:00</b> Happy hour at local microbrewery</p> <p>*Diner on own</p>
Wednesday July 23rd	Behavioral temperature regulation	Zachary Schlader, Nicole Vargas	<p><b>8:00 - 10:00</b> Behavioral responses during extreme heat: psychology &amp; physiology of comfort and cool seeking (ZS, NV)</p> <p><b>10:00 - 10:30</b> Coffee break</p> <p><b>10:30 - 11:30</b> Stakeholder presentation</p>	Lunch provided	<p><b>1:00 - 4:00</b> Field trip and experiential learning: physiological and behavioural monitoring of heat strain</p>	<p><b>5:00 - 7:00</b> Hike of Mont-Royal</p> <p>*Diner on own</p>
Thursday July 24th	Urban Heat- From Measurements to Housing and Vulnerability	Ariane Middel, Melissa Guardaro, Sophie Van Neste	<p><b>8:00 - 9:30</b> Built environment, heat at the urban &amp; landscape level (AM)</p> <p><b>9:30 - 10:00</b> Coffee break</p> <p><b>10:00 - 11:30</b> Social vulnerability to extreme heat and storytelling (MG)</p>	Lunch provided	<p><b>1:00 - 2:30</b> Collective climate action and equity in cities (SVN)</p> <p><b>2:30 - 4:00</b> Stakeholder presentation</p>	<p>Student-led activity: Small-group dinners</p>
Friday July 25th	The public health response to extreme heat	Ollie Jay, David Kaiser	<p><b>8:00 - 9:30</b> The experience of the Montreal Heat Response Plan (DK)</p> <p><b>9:30 - 10:00</b> Coffee break</p> <p><b>10:00 - 11:30</b> Translating physiological research to inform the public health response to extreme heat (OJ)</p>	Lunch provided	<p><b>1:00 - 4:00</b> Group problem solving task: how should heat risk be defined?  Objective: to develop a common model/framework of heat risk across disciplines and sectors, by integrating what was learned during the week.</p>	<p>Free time</p>