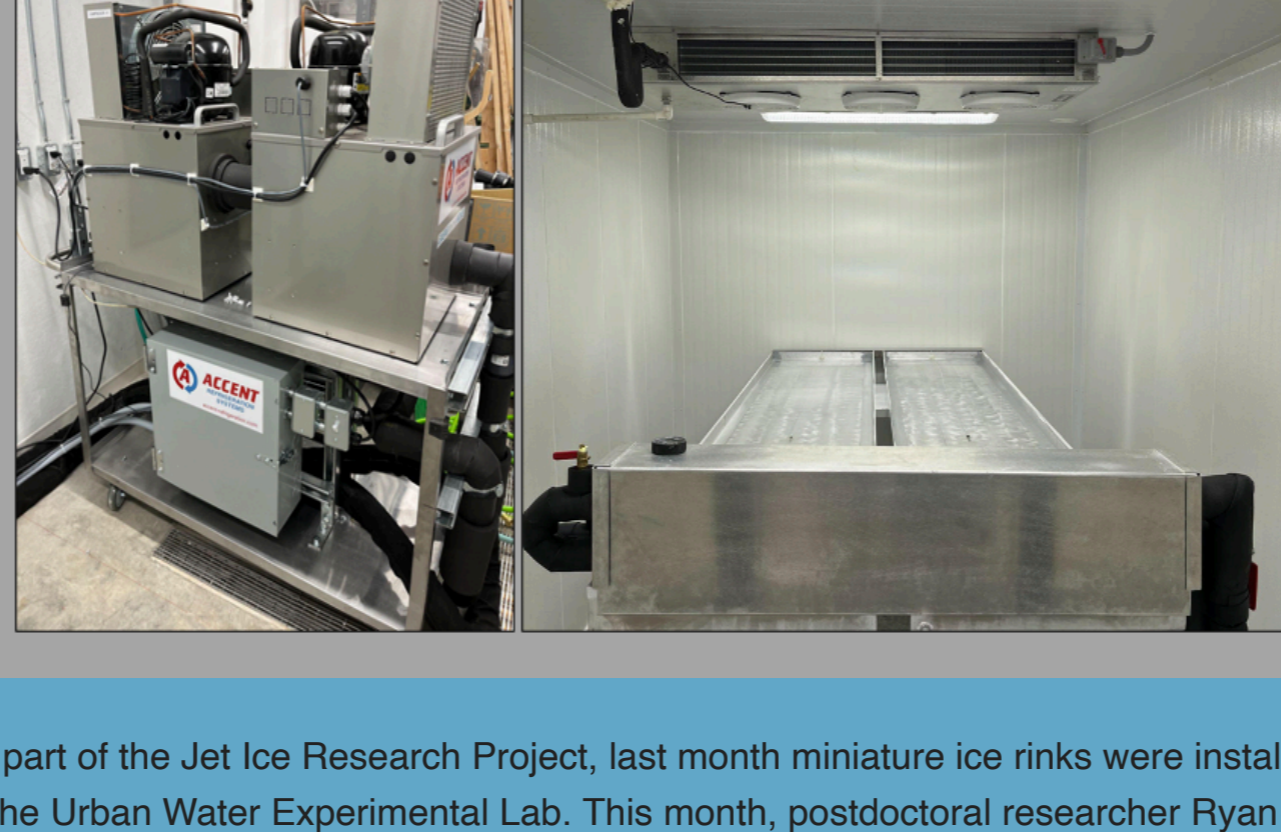


Urban Water TMU - November 2023

Miniature Ice Rinks Built in the Experimental Lab!



As part of the Jet Ice Research Project, last month miniature ice rinks were installed in the Urban Water Experimental Lab. This month, postdoctoral researcher Ryan Hutchins is working with Accent Refrigeration to set up the equipment and regulate the conditions inside of the cooling chamber. The temperature and humidity in the chamber need to be regulated for ideal ice making conditions.

The Jet Ice Research Team is collaborating with Jet Ice to develop more sustainable ice rink paint materials and practices for ice making. [Learn more about the project here.](#)

Spotlighting Dr. Roxana Suehring's Research on PMT Substances!



Urban Water researcher Roxana Suehring is leading the Emerging Contaminants Lab at Urban Water TMU. Her research primarily focuses on the fate and transport of Persistent, Mobile, and Toxic (PMT) plastic additives that end up in our natural ecosystems and have major adverse health effects on human life.

These substances are not removed by WWTPs and up-concentrate over time. Roxana is studying how they accumulate disproportionately in northern climates impacting the Inuit and northern ecosystems.

Roxana and team are developing new methods for measuring and characterizing PMTs in order to forensically identify their source! [Read more about Roxana's research here](#)

UW Student Leadership Committee CUI Tour



The UW Student Leadership Committee hosted a tour of Urban Water spaces on October 16th. Graduate students Wyatt Weatherson, Eric Fries, and Brianna Limkilde presented their research to tour participants. The tour was informative and very well received.

Urban Water at Blue Cities 2023



On Oct 24-25, Urban Water representatives attended the Canadian Water Network's Blue Cities Conference 2023. The conference had excellent sessions on expanding wastewater surveillance to support public health, water infrastructure to support urban densification in a changing climate, and engaging Indigenous perspectives, amongst many other topics.

Urban Water delegates also met Terry Duguid, Parliamentary Secretary to the Prime Minister and Special Advisor on Water and discussed the Canada Water Action Plan and new Canadian Water Agency. We'll keep in touch with Terry!

Upcoming Seminar and Networking with York University's One Water on Nov 7th!

Tuesday November 7th, 2023
 1:00 – 3:00pm in CUI-219
 Virtually via [Zoom](#)



Join us on Nov 7th at 1-3pm when we host the **One WATER Research Centre from York University**. Speakers will include: **Dr. Satinder Kaur Brar**, Director of One WATER and internationally recognized researcher in the converging fields of value-addition of wastes and removal of emerging contaminants.

One WATER researchers will present their research: **Drs. Sapna Sharma, Stephanie Gora, Caroline Duncan, Ali Asgary, Mahta Fazilyab, and Jose Etcheverry.**

One WATER is an interdisciplinary research centre that leverages water management, artificial intelligence, technologies, education, sustainability, resource recovery and reuse to address pressing water issues in Canada and around the world.

Please join us in CUI-219 or online at <https://torontomu.zoom.us/j/94137595718>

Upcoming Event for Students at CivicLabTO Symposium on Nov 15th

Don't miss the CivicLabTO Symposium, which features City of Toronto staff speaking about Climate Resilience and the Climate Action and Resilience Funders (funding projects at universities and colleges). The Symposium is free and takes place at Centennial College on November 15th. Register [here](#). There is also a student session on Climate and Resilient Workforce of Tomorrow at 1-4pm that includes a networking opportunity with City of Toronto staff at 1-2pm. Register for the student session [here](#). The session will also be available remotely, but of course remote participation will not include the in-person networking.

Upcoming National Water and Wastewater Conference in Niagara Falls on Nov 12-15

The National Water and Wastewater Conference is a comprehensive national conference covering the broad range of interests to the municipal water sector. Attendees include national water leaders and utility managers, as well as private industry, government, and academia.

A number of Urban Water delegates will be in attendance including Angela Murphy who will co-host a session Nov 14th from 9am-noon on Ontario's Water Nexus: Bridging Academia, Enterprise, and Municipalities.

[See their website for more info](#)

Recent Publications of Full Members

Full Members are highly involved in the Centre and are regular contributors to Urban Water research projects and initiatives. Check out their recent publications below and a [full list of publications on the UW website linked here.](#)

Grant, A., Millward, A. A., & Edge, S. (2023). Pursuit of environmental justice in urban forest planning and practice. *Front Sustain Cities*, 5:1233878. <https://doi.org/10.3389/frsc.2023.1233878>

Jung, J., Sekercioglu, F., & Young, I. (2023). Ready-to-eat meat plant characteristics associated with food safety deficiencies during regulatory compliance audits, Ontario, Canada. *J Food Prot*, 86(9). <https://doi.org/10.1016/j.jfp.2023.100135>

Robillard, P., Sekercioglu, F., Edge, S., & Young, I. (2023). Resilience in the face of crisis: investigating COVID-19 impacts on urban community gardens in Greater Toronto Area, Canada. *Br Food J*, 125(11), 4048-4061. <https://doi.org/10.1108/BFJ-02-2023-0179>

Young, I., Desta, B. N., & Sekercioglu, F. (2023). Impact of the COVID-19 pandemic on food safety inspection outcomes in Toronto, Canada: A Bayesian interrupted time series analysis. *J Food Prot*, 86(9). <https://doi.org/10.1016/j.jfp.2023.100138>

[See Our Full Member Publications](#)

