



McGill

RÉSERVE NATURELLE  
**GAULT**  
NATURE RESERVE

SCAN TO  
LEARN MORE



# BIODIVERSITY FESTIVAL

## OPEN DAY AT GAULT NATURE RESERVE

SATURDAY, SEPTEMBER 23

11 A.M. TO 4 P.M.



422, CHEMIN DES MOULINS,  
MONT-SAINT-HILAIRE, QC



# WELCOME CENTRE ACTIVITIES

11 a.m.  
to  
4 p.m.



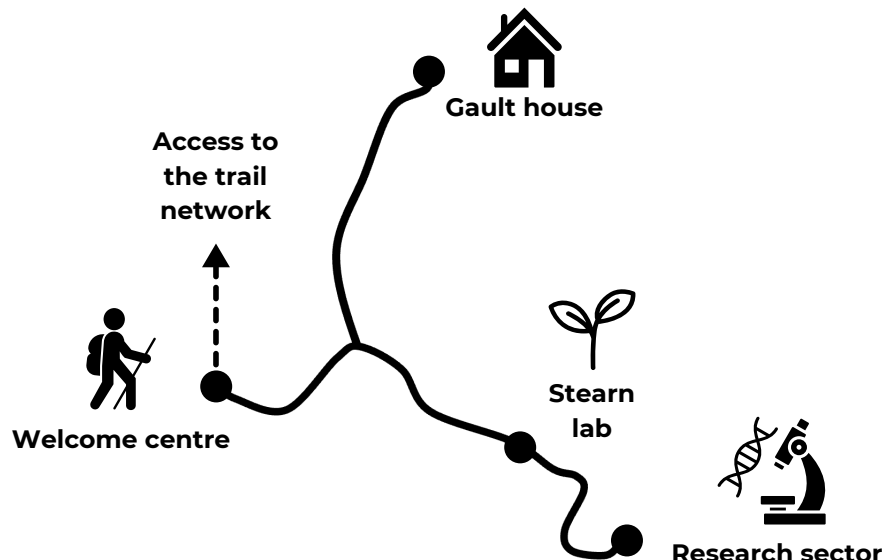
## A First Biodiversity Plan for McGill

Come celebrate the launch of McGill's first Biodiversity Plan with the McGill Office of Sustainability! As McGill embarks on a collective, coordinated effort to protect and improve biodiversity, discover how the new Biodiversity Plan will guide university-wide actions through to 2030.

11 a.m.  
to  
4 p.m.

## Preserving Nature for Tomorrow: Sustainability on the Trails 🧡🌿

Immerse yourself in the ethos of 'leave no trace' for a sustainable hiking experience. Meet our dedicated trail maintenance team and discover our ongoing investments in the future of our trail network, ensuring nature remains accessible and protected for generations to come.



# STEARN LAB ACTIVITIES

11 a.m.  
to  
4 p.m.



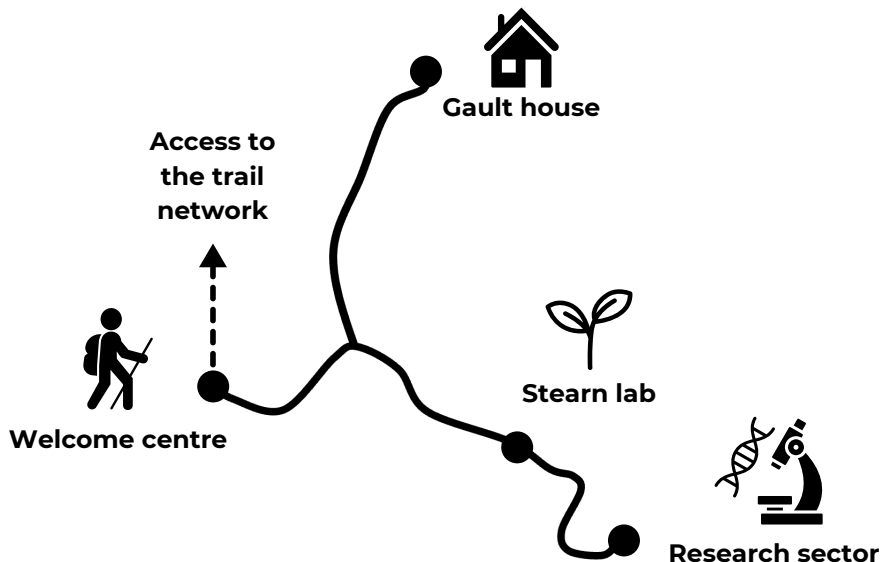
## Journey through Botanical Wonders: Get to Know the Gault Herbarium 🌿🔍

Explore Gault's collection of preserved plants, each holding a story of nature's beauty and diversity. Join us in this educational expedition to learn how herbarium specimens can be used to understand plant life and their vital role in our ecosystems.

11 a.m.  
to  
4 p.m.

## Reaching New Heights: Drones Mapping Invasive Plants at Gault 🌿🚁

Learn how our team has been using drones to map invasive plants around Lac Hertel. Explore how this cutting-edge technology is revolutionizing the way we inventory invasive species, enabling targeted management strategies to preserve the delicate balance of this ecosystem.



# RESEARCH SECTOR ACTIVITIES

11 a.m.  
to  
4 p.m.



## Discover the Invasion: Unveiling the Zebra Mussel Mystery 🐚🔍

Dive into the intriguing world of **zebra mussels**, a prolific invasive species disrupting aquatic ecosystems. Join Brielle Comartin's research journey as she unravels the secrets behind the rapid spread and ecological impact of these striped invaders in Lake Memphrémagog, QC.

11 a.m.  
to  
4 p.m.

## Emerald Ash Borer Research: Preserving Tree Biodiversity 🌿🌳

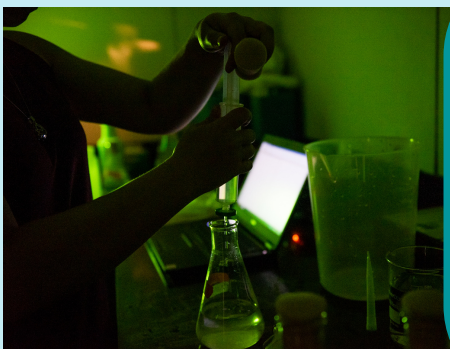
Immerse yourself in the world of trees and the critical research surrounding the **emerald ash borer** invasion. Heather Brown is on a mission to uncover the secrets of this invasive beetle and its devastating effect on our tree biodiversity. Explore the research methods, findings, and strategies to protect our trees and diverse forest ecosystem.



12 p.m.  
to  
2 p.m.

## Explore the Revolutionary World of Environmental DNA 🧬🌍

In this interactive kiosk on **environmental DNA (eDNA)**, scientists from the Cristescu lab will invite you to explore the fascinating realm of genetic data in the environment. Join them in hands-on activities to learn how eDNA revolutionizes ecological research, aiding in understanding biodiversity and ecosystem health.



# RESEARCH SECTOR ACTIVITIES

11 a.m.  
to  
4 p.m.



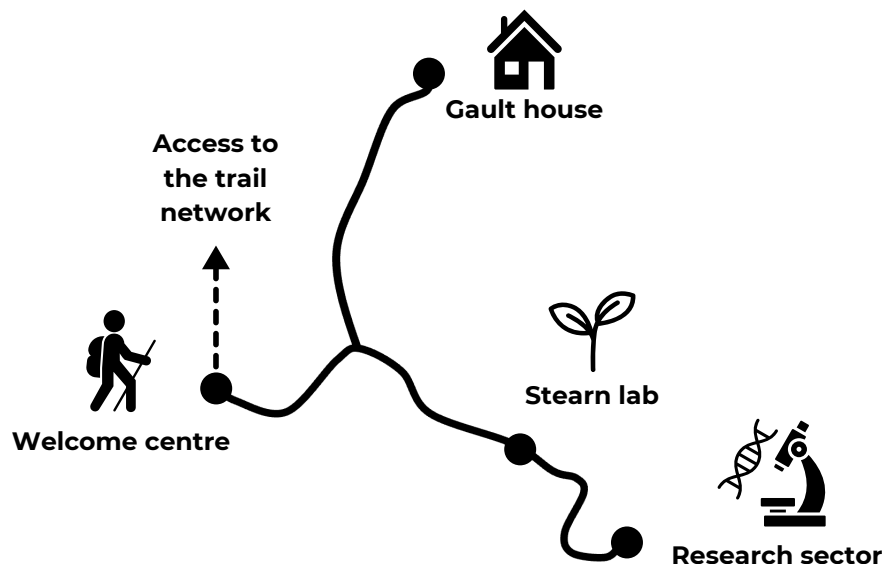
## A LEAP into Freshwater Ecosystems: Exploring Impacts of Common Stressors

Discover the Large Experimental Array of Ponds (LEAP) where Akhil Kholwadwala is conducting an innovative experiment on the **effects of glyphosate**, a commonly used herbicide, and other stressors on the delicate aquatic organisms found in our freshwater ecosystems.

11 a.m.  
to  
4 p.m.

## Unlocking Nature's Secrets: Explore the AEOS Laboratory

Dive into cutting-edge research at the AEOS (Adaptable Earth Observation System) laboratory! Discover how this innovative facility is advancing our understanding of **extreme weather events** and their impact on ecosystems.



# GAULT HOUSE TOUR

12 p.m.  
to  
2:30 p.m.

## Visit the Historical Gault House and Journey Into the Reserve's History 🏠

Dive into the history of Gault Nature Reserve and the man who made it what it is today, Andrew Hamilton Gault. Learn how this natural haven has evolved and why it is essential for our understanding of biodiversity today.

