



Presentation to the United Counties of SD&G

presented by

Dr. Jeff Ridal
Lee Theodore
Dr. Leigh McGaughey

2021



Our people

Future Climate Leaders

Research

Science solutions

Education & Outreach

Great River Rapport

Board members

Meet our new board chair: Trea Tuck

www.RIVERINSTITUTE.ca

BOARD MEMBERS

CHAIR

Trea Tuck, HET Law, Henderson, Eastwood, Tuck

1st VICE CHAIR

Glen Grant, Community member

TREASURER

Jackie Baird, Cornwall Electric

SECRETARY

Stephen Alexander, Community member

Debora Daigle, Community member

John Gleed, Community member

Diana Rourke, Manager BASF Plant

Scott Gagnon, OPG

Scott Lecky, Ramada by Wyndam, Cornwall

Mireille Lemire, RBC

Jean Marc Gladu, Community member

Kirsten Gardner, Warden and United Counties of S. D. & G Representative

Jennifer Haley, St. Lawrence College, Representative

Todd Bennett, City of Cornwall Representative

Chief April Adams-Philips, Mohawk Council of Akwesasne Representative

FOUNDATION BOARD MEMBERS

CHAIR

Pat Finucan, Community Member

TREASURER

Maureen Adams, City of Cornwall, CAO

SECRETARY

John McDonald, McDonald, Duncan, Doré LLP Law Office

RIVER INSTITUTE REPRESENTATIVE

Scott Lecky, Local Farmer

BOARD MEMBER

David MacKinnon, Beupre Mackinnon Financial

BOARD MEMBER

Megan McDonald, University of Toronto.





Dr. Jeff Ridal
Executive Director



Employment & Volunteer Opportunities

The Strength of the Institute is through our people

www.RIVERINSTITUTE.ca



Internships



Summer Students



Volunteers



River Champions
Community Donors





Future Climate Leaders

60 -70% of land in Eastern Ontario is owned by the agricultural community.



@613FCL

Agriculture Conversations



Councilor Sam McDonell
(South Glengarry)



Councilor Martin Lang
(South Glengarry)

“Municipality needs”

**By 2025, all municipalities in Ontario
require a landfill diversion plan,
regarding organic matter**

We CAN do this right, together.



ECO TOURISM:

Springfield Organic Farms (Apple Hill), Eleanor & Finnbar McGrath

RECONNECTING TO NATURE:

Family Earth (Ingleside), Dr. Rochelle Johnston

OBSERVING MEMBER

South Glengarry, Environmental Committee

OBSERVING MEMBER

Cornwall Environmental Climate Change Committee



Future Climate Leaders

Conversations



@613FCL

“If you want to go fast, go alone. If you want to go further, go with people.”

~African Proverb

A RIVER INSTITUTE
PROJECT

TOWNHALL
SCHEDULE

7PM START TIME

FUTURE CLIMATE
LEADERS

- 05/18 | *Introduction to Townhalls, Topics and Themes*
- 06/15 | *Indigenous Relationships with Climate Change: Abraham Francis, MCA*
- 07/20 | *Through The Eyes of The Skies: Brian Ewenson, NASA*
- 08/17 | *Indigenous Knowledge Systems: Abraham Francis & Yanik Rozon*
- 09/14 | *Grounded In Our Region: A Conversation In Akwesasne*
- 10/19 | *Earth- A Permafrost Professor's Perspective: Dr. Chris Burns*
- 10/27 | *Symposium- George Kourounis, Explorer & Storm Chaser*
- 11/16 | *Home. “What can I do?” Sustainability Along The Supply Chain*
- 12/14 | *A Climate Change Conversation with...? Stay tuned!*

Funded in part by:
Financé en partie par:
Canada

Science Investigations

A collage of three circular images. The top image shows a close-up of a person in a white lab coat and blue gloves holding two small, clear microcentrifuge tubes, each containing a small amount of purple liquid. The bottom-left image shows a small brown bat being held by a pair of black forceps. The bottom-right image shows a complex network diagram with numerous nodes (colored circles) and many lines connecting them, representing a network structure.



There's a new scientist in town!

Dr. Courtney Holden

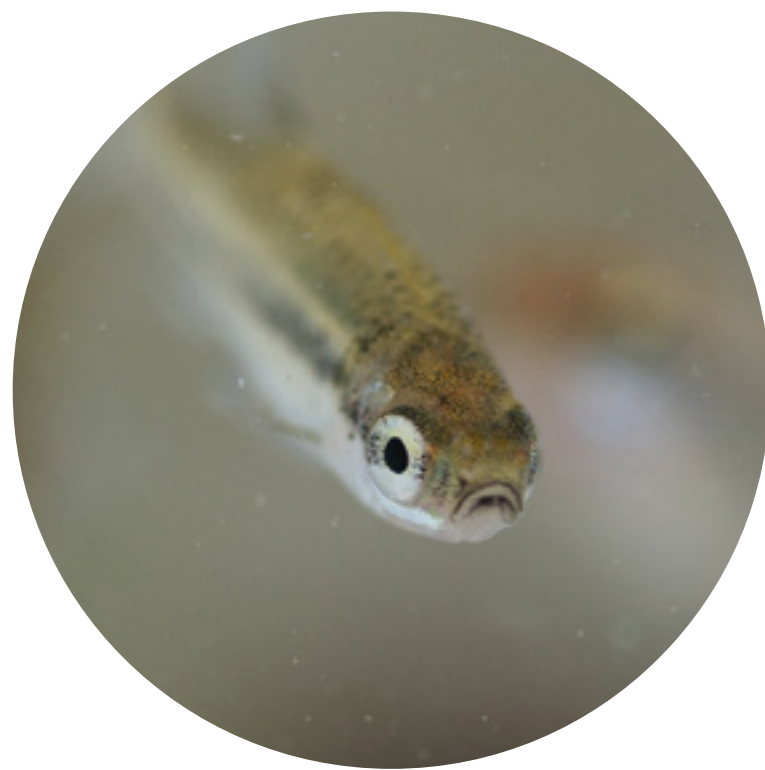


Fish Identification Nearshore Survey (FINS)

Assessing Fish Habitat & Ecology



@fins.riverinstitute



Species
at risk



Invasive
Species



eDNA



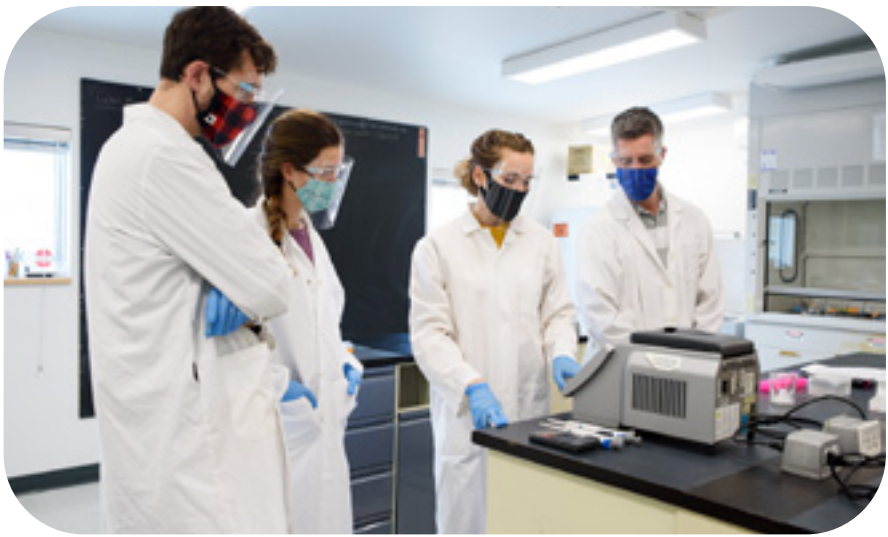
Plant
surveys



Drone Imagery

Fish Identification Nearshore Survey (FINS)

Fish Research





Science Solutions

www.RIVERLABS.ca



Lawn care without
herbicides

fieldless®

QA/QC



Drone Services



Lab testing



Josh Filion

Education

Future Generations



@StLawrenceRiverInstitute



Jr. Scientist Camp



Online
Education
Across Canada



Fish Tank



Cooper Marsh



Water Festival

Outreach

Community



Science & Nature
UNTapped



Remedial Action
Plan



Great River
Network



Great River
Cleanup

Great River Rapport

What's the Health of the St. Lawrence River?

www.RIVERRAPPORT.ca



We want this report to **inspire** you to become **engaged, interested,** and **aware** of **how** the health of the **ecosystem** is intrinsically **linked to all of us.**



Indigenous
Knowledge



Science



Community
Stories



Actions



Partnerships

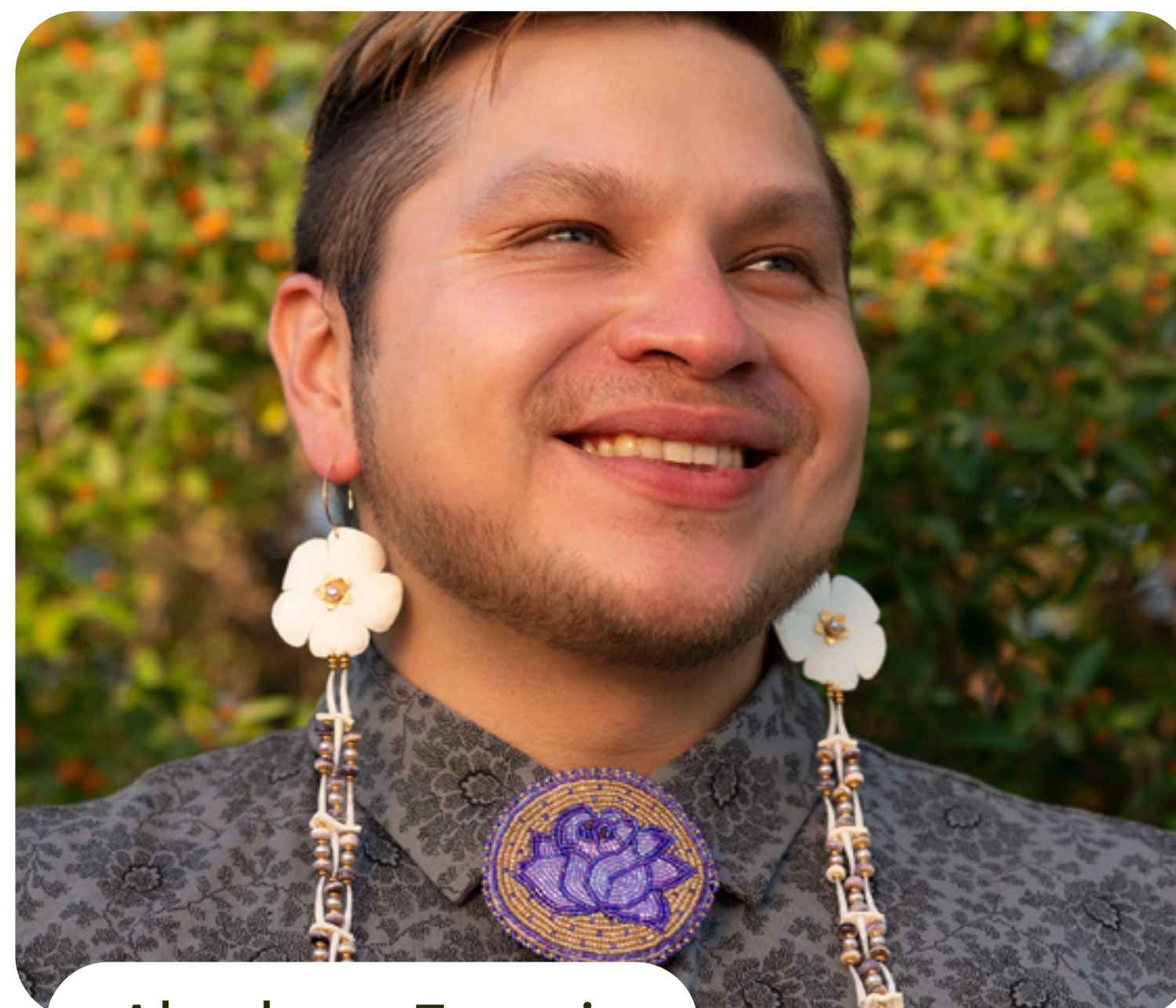
Great River Rapport

Indigenous Knowledge

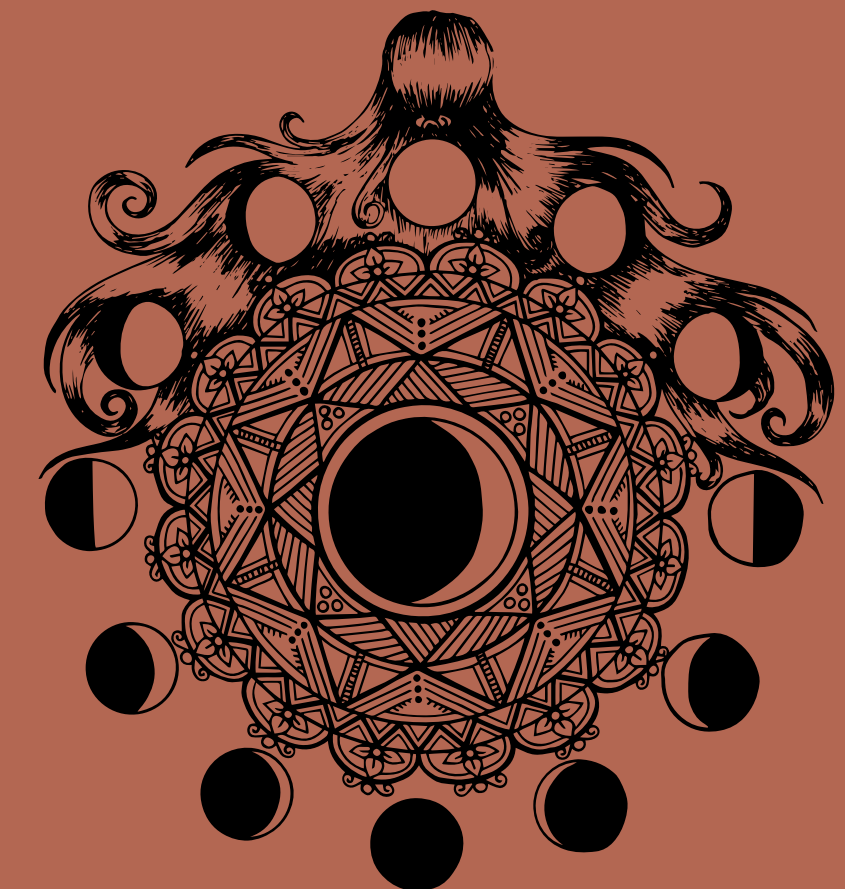
www.RIVERRAPPORT.ca



Henry Lickers



Abraham Francis

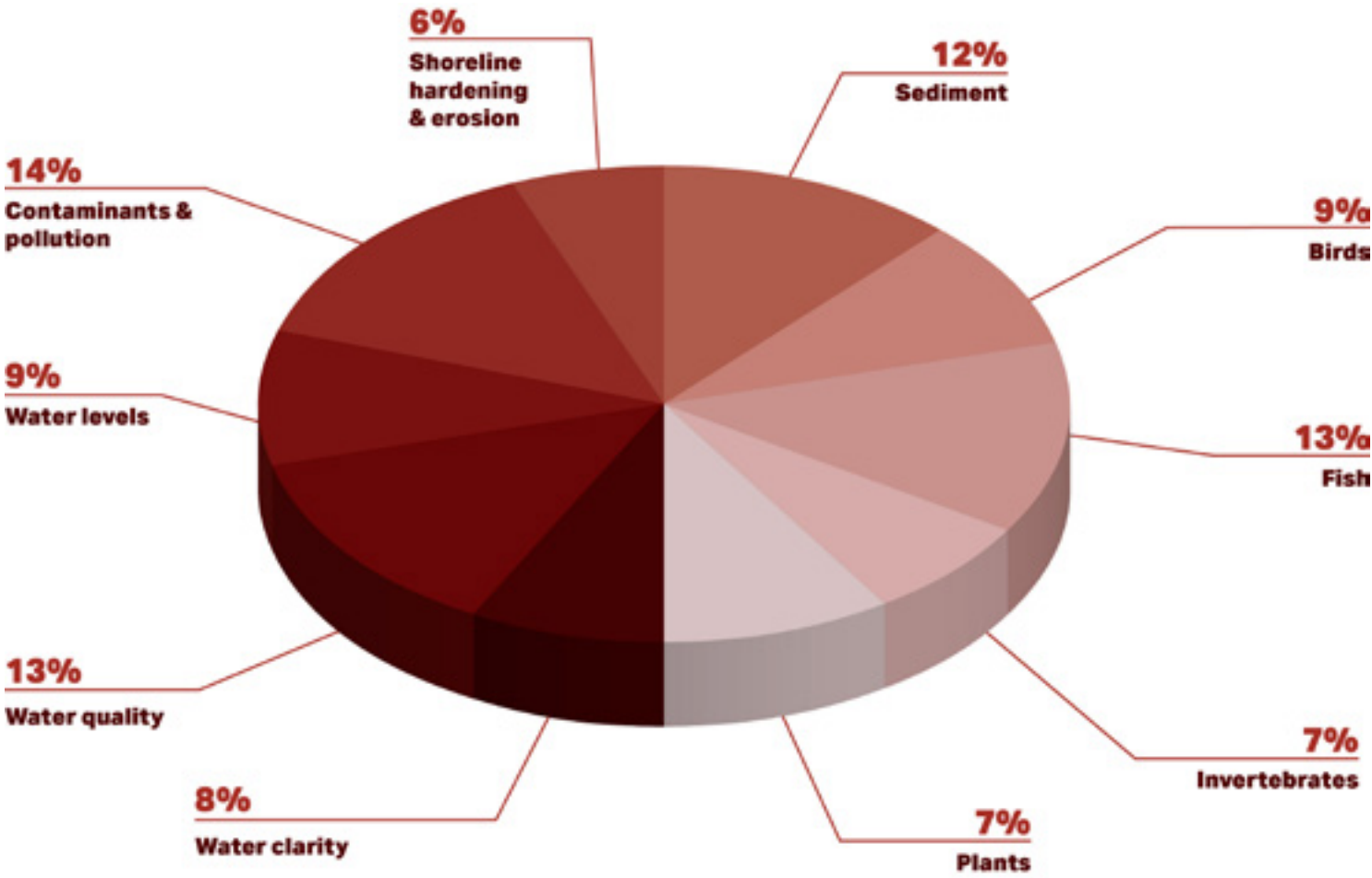
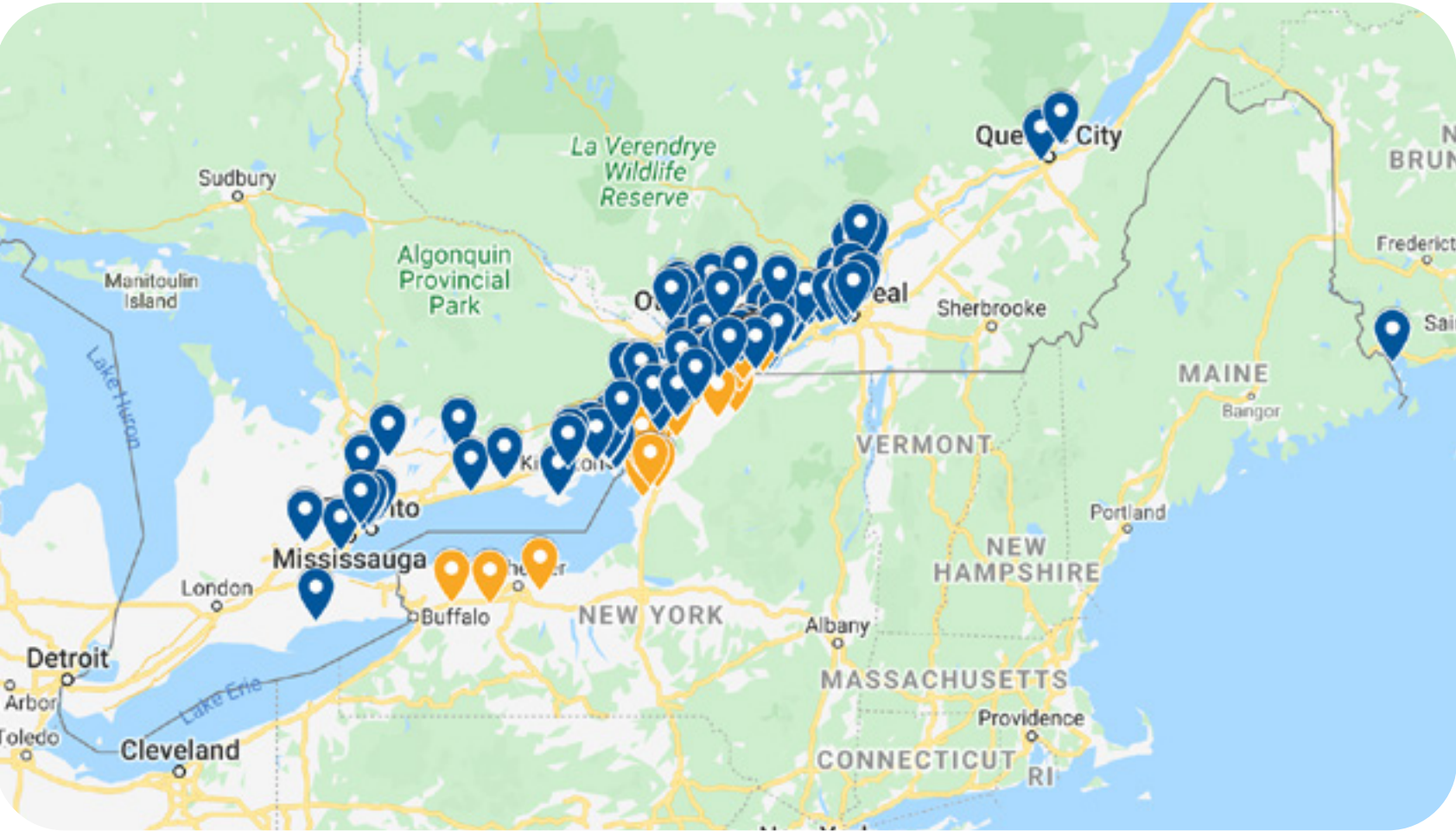


Victoria Ransom

Great River Rapport

Community concerns driving the science

www.riverrapport.ca/STARTING-THE-CONVERSATION





Great River Rapport

Documenting our relationship with the river

www.riverrapport.ca/COMMUNITY



Great River Rapport

Actions

www.riverrapport.ca/WORKSHOPS

Great River RAPPORT

6-7 pm

Ever wonder how to...



Make Dandelion Root Tea

with
Nancy Hildebrand
Local Botanist & Environmentalist

08.26.2021 www.riverrapport.ca/WORKSHOPS VIRTUAL

Great River RAPPORT

8-10 pm

Ever wonder how scientists...



Part 1/3
Catch Bats


with
Dr. Brian Hickey
Research Scientist
RIVER INSTITUTE

06.21.2021 www.riverrapport.ca/WORKSHOPS LIVE VIRTUAL

Great River RAPPORT

5-6 pm

Ever wonder how to...



Protect Monarch Butterflies

with
Christina Enright
David Suzuki Foundation
Butterfly Ranger

08.10.2021 www.riverrapport.ca/WORKSHOPS IN PERSON

Great River RAPPORT

12 - 1 pm

Ever wonder how scientists...



Assess Fish Habitat

Matt Windle
Research Scientist
RIVER INSTITUTE

VIRTUAL www.riverrapport.ca/WORKSHOPS 09.20.2021

Great River RAPPORT

5-6 pm

Ever wonder how to...



Naturalize your shoreline

with
Monica Seidel
Communications & Fundraising Coordinator
WATERSHEDS CANADA

08.23.2021 www.riverrapport.ca/WORKSHOPS VIRTUAL

Great River RAPPORT

4-5 pm

Ever wonder how scientists...



Sample Aquatic Invertebrates

with
Stéphanie Guernon
Lexy Harquail
Dr. Brian Hickey
Biologists and Environmental Educators
RIVER INSTITUTE

06.23.2021 www.riverrapport.ca/WORKSHOPS VIRTUAL

Great River RAPPORT

8-10 pm

Ever wonder how scientists...



Part 2/3
Track Bats

with
Dr. Brian Hickey
Research Scientist
RIVER INSTITUTE

06.25.2021 www.riverrapport.ca/WORKSHOPS VIRTUAL

Great River RAPPORT

6-7 pm

Ever wonder how scientists...



Identify Dragonflies

with
Dr. Mary Ann Perron
Research Scientist
RIVER INSTITUTE

07.14.2021 www.riverrapport.ca/WORKSHOPS VIRTUAL

Great River Rapport

Forging Partnerships

www.RIVERRAPPORT.ca



River Symposium

Global Challenges, Local Concerns

www.riversymposium.riverinstitute.ca/2021

October 27 & 28

Elizabeth Hoover

Associate professor in the Environmental Science, Policy, and Management department, University of California Berkeley



George Kourounis

Explorer, Science Communicator, TV Presenter, & Storm Chaser
Documenting Severe Weather, Climate Change and Natural Disasters Worldwide



Henry Lickers

Canadian Commissioner, International Joint Commission



What's next?



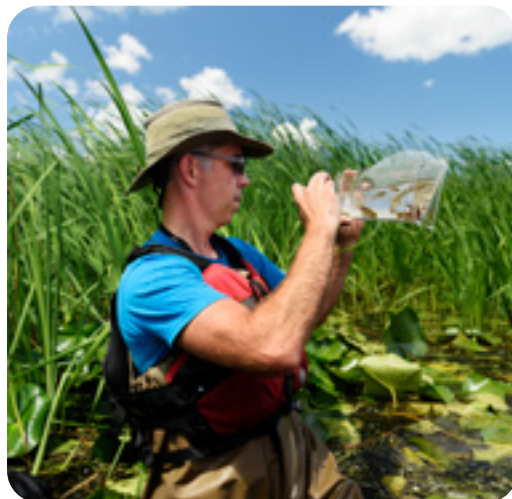
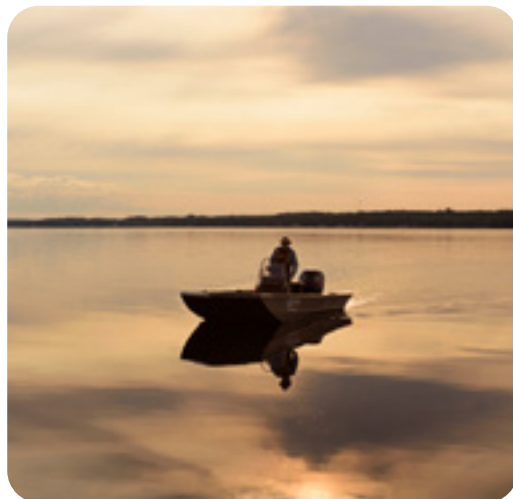
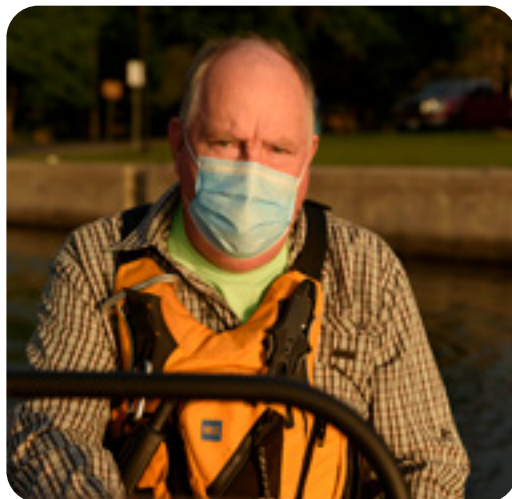
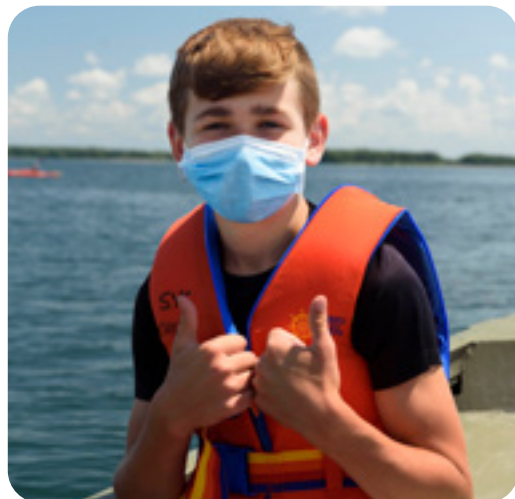
Strategic Plan
2021-2023



Maitland Tower



Great River
Network



Request

\$10,000 Support

Research, Education, Future Climate Leaders