

# Science Atlantic Environment Conference

March 13<sup>th</sup> - 15<sup>th</sup> 2026  
Acadia University



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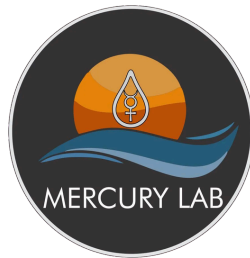
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# WELCOME



Welcome to the 23rd Annual Science Atlantic Environment Conference, hosted this year at Acadia University in beautiful Wolfville, Nova Scotia!

We are delighted to offer you an engaging program organized by our dedicated student committee. The conference begins Friday at the registration desk in the K.C. Irving Environmental Science Centre, followed by food, refreshments, and—weather permitting—a campfire in the Irving Gardens. We also have fun activities planned to help participants connect. Please remember to bring your presentation in MS PowerPoint format to upload at the registration desk.

Throughout the weekend, you will enjoy a full schedule of oral and poster presentations featuring both undergraduate and graduate research. On Saturday, we are honoured to host a keynote lecture and Q&A with Dr. Ashlee Cunsolo, who will speak on Ecological Anxiety. On Sunday, a panel of experts will explore Two-Eyed Seeing and Indigenous perspectives in environmental careers. Saturday evening's banquet will feature a student-run trivia night—be sure to check the program for all social events.

We encourage you to explore the K.C. Irving Centre, including the greenhouse research area, or to take a quiet break on the comfy couches in the Garden Room. This conference is an excellent opportunity to meet students, faculty, and professionals from across the region. Conversations during breaks and meals are a great way to form meaningful connections in your field. Some universities will also be displaying graduate opportunities and job postings near the poster corridor. Acadia student volunteers will be easy to spot by their coloured lanyards and name tags—please feel free to ask them for help or directions. Your own lanyard and name tag serve as your conference pass, so please wear them at all times and keep your lunch tickets with them.

At a time when environmental challenges are felt globally, gatherings like this one offer inspiration and hope. Your ideas, research, and collaboration may be the foundations of meaningful, positive change.

We wish you an enjoyable and enriching conference experience!

Conference Co-Chairs

Dr. Nelson O'Driscoll and Sarah Hines

Student Organizing Committee: Carly Blair, Lucy Boyne, Kirsten Gallant, Janelle Halliday, Hannah Hayes, Anneliese Henneberg, Ocean Lushman, Sophia MacDonald, Lizzy MacSween, Rowan Norrad, Amanda Tracy

### Acadia Street

- 27 Wong International Centre
- 30 Vaughan Memorial Library
- 31 Hayward House
- 45 Manning Memorial Chapel
- 49 Seminary House (Res.)

### Crowell Drive

- 18 Whitman House (Res.)
- 23 Raymond House
- 26 Fountain Commons
- 35 Chipman House (Res.)
- 38 Willett House

### Elm Avenue

- 24 DeWolfe Building

### Highland Avenue

- 10 Beveridge Arts Centre
- 24 Centre for Organizational Research & Development
- 30 Students' Centre (Old and New SUB) Safety & Security Office
- 48 SRMK Outdoor Activity Centre
- 60 Crowell Tower (Res.)

### Horton Avenue

- 3 Godfrey House
- 7 Bancroft House
- 12 Harvey Denton Hall
- 22 Dennis House (Res.)
- 24 Chase Court (Res.)
- 28 Wheelock Dining Hall/Campus Bookstore
- 31 Acadia Divinity College

### Main Street

- 503/505 Residential
- 504 Festival Theatre
- 512 Alumni Hall
- 550 Acadia Athletics Complex
- 552 Central Heating Plant & Tank Farm

### Park Street

- 6 Residential
- 8 Residential

### University Avenue

- 6 Elliott Hall
- 12 Huggins Science Hall
- 15 University Hall
- 18 Horton Hall
- 21 Rhodes Hall
- 24 Patterson Hall
- 27 Carnegie Hall
- 31 Emerson Hall
- 32 K.C. Irving Centre
- 37 Clark Commons
- 39 Roy Jodrey Hall (Res.)
- 41 Christofer Hall (Res.)
- 43 Eaton House (Res.)
- 50 Irving Support Centre
- 52 DeWolfe House
- 55 Cutten House
- 56 Residential
- 58 Residence
- 61 Robbie Roscoe Services Building (Physical Plant)
- 67 Service Building Garage

### Westwood Avenue

- 11 Academic
- 12 Residential
- 17 University Faculty Club
- 20 Residential
- 23 War Memorial House (Res.)
- 24 Residential
- 26 Residential
- 33 Biology Building
- 34 Residence
- 36 Residential
- 46 Residential
- 50 Residential
- 54 Residential

- P** 24 Hour Permit Parking
- H** Handicap Parking
- P** Permit Parking / No Overnight
- M** Meters
- Pd** Pay & Display
- F** Free Parking / No Overnight
- R** Residence
- H** Student Health Centre
- S** Safety & Security Office
- T** Emergency Telephone
- L** Locked Gate: Arrange access through Safety & Security.



The Acadia University Campus is Smoke and Tobacco Free.  
 For your convenience, receptacles for smoking materials are located in a number of locations on the periphery of campus.

Acadia University, Wolfville, Nova Scotia, Canada B4P 2R6  
 Phone: 902.585.2201 FAX: 902.585.1081  
 Safety & Security: 902.585.1103



Illustration: Jack McManer

# SOCIAL EVENTS, GENERAL INFORMATION



Please keep your lanyard on you at all times to access conference events. If you have questions look for student volunteers with red Acadia lanyards.

## SOCIAL ACTIVITIES

1. At registration each participant will receive a **passport**, visit all locations and collect stamps. Bring your completed passports to Saturday's banquet for a chance to win a prize!
2. Pending weather we will have a **bonfire** in the Harriet Irving Botanical Gardens Friday night during our welcome reception.
3. We have included a **bingo** game for students to socialize during the Friday night welcome. We hope you meet students from other schools!
4. Back by popular demand we will have a **trivia** game at the banquet!
5. Conference participants can gain entrance to Acadia's **Axe Lounge** with their conference lanyards and two pieces of government ID.

## WIFI

The Acadia Guest network provides a password free wifi option. This option will have to be relogged into every two hours.

Alternatively, the eduroam network can be used. We suggest signing up on your home campus prior to arriving. Detailed instructions for this option can be found through this link <https://hub.acadiau.ca/TDClient/39/Portal/KB/ArticleDet?ID=1012>

## WHEELOCK DINING HALL

Please keep your meal tickets with you. Attendees without tickets will need to pay the standard door entry rate out of pocket.

Guests with allergies should check in with the manager on duty or visit the Allergen Aware Station, which is staffed and available until 2:00 PM.

# Acadia Science Atlantic Environment Conference Schedule, March 13-15, 2026

## Friday, March 13, 2026

Time	Event	Location
6:00-9:00 pm	Registration, upload PPT talks. Welcome Social Event with Pizza supper. Outdoor fire pending weather	K.C. Irving Centre Foyer & Garden Room
7:00-8:00 pm	SAEC Faculty Adjudication Committee Meeting	K.C. Irving Centre Classroom

## Saturday, March 14, 2026, all presentations will take place in the K.C. Irving Centre

Time	Event	Location
8:00-8:30 am	Registration (option for poster set up)	K.C. Irving Centre Foyer
8:30-9:00 am	Welcome and Opening remarks	K.C. Irving Centre Auditorium
9:00-10:00 am	Oral presentations Undergraduate (6 talks)	K.C. Irving Centre Auditorium & Classroom
10:00-10:20 am	Nutrition break <i>Sponsored by Elderkin's Farm Market</i>	Irving Centre Lower Level Foyer
10:20-12:00 am	Oral presentations Undergraduate (10 talks)	K.C. Irving Centre Auditorium & Classroom
12:00-1:30 pm	Lunch (option for poster set up)	Wheelock Dining Hall
1:30-2:30pm	Keynote: Dr. Ashlee Cunsolo	
2:30-3:50 pm	Oral presentations Undergraduate (8 talks)	K.C. Irving Centre Auditorium & Classroom
3:50-4:10 pm	Nutrition break (poster set up)	
4:10-4:50	Oral presentations Graduate (4 talks)	K.C. Irving Centre Auditorium & Classroom
4:50-6:30 pm	Poster Session (16 posters)	K.C. Irving Centre Research Wing
5:50-6:30 pm	Adjudication committee meeting	K.C. Irving Centre Classroom
6:30-8:30pm	Banquet	Fountain Commons

## Sunday, March 15, 2026, all presentations will take place in the K.C. Irving Centre

Time	Event	Location
8:30-9:50 am	Oral presentations Graduate (8 talks)	K.C. Irving Centre Auditorium & Classroom
9:50- 10:10 am	Nutrition break <i>Sponsored by Hennigar's Farm Market</i>	Irving Centre Lower Level Foyer
10:10-10:50 am	Oral presentations Graduate (4 talks)	K.C. Irving Centre Auditorium & Classroom
11:00-12:0 pm	Panel event: <i>Two Eyed Seeing in Environmental Careers</i>	K.C. Irving Centre Auditorium
11:00-12:00 pm	Adjudication committee meeting	K.C. Irving Centre Classroom
12:00-12:30 pm	Awards and Closing remarks	K.C. Irving Centre Auditorium
12:30-1:30 pm	Lunch	Wheelock Dining Hall



# KEYNOTE: LIVING WITH ECOLOGICAL GRIEF & LOSS

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Dr. Ashlee Cunsolo  
*Provost and Vice-President  
Academic at Acadia University*

Climate change is transforming how people feel, grieve, hope, and imagine their futures, with profound implications for mental health and wellbeing across generations. As lands, waters, ecosystems, and weather patterns change rapidly, individuals and communities around the world are reporting rising ecological grief and climate anxiety as they confront an increasingly uncertain future.

For over 15 years, Dr. Ashlee Cunsolo partnered with Inuit Elders, youth, and researchers in Nunatsiavut, Labrador to understand how thinning ice, unpredictable weather, and disrupted land-based practices were affecting emotional health, identity, and everyday life. These collaborations helped name “ecological grief” as a natural, profound response to experienced and anticipated losses of ice, species, places, and knowledge systems, and revealed the many pathway through which climate change impacts mental health.

Drawing on this community-led research, as well as national surveys and international research and assessments, Ashlee’s research shows that climate change is transforming how people — especially young people — understand their futures, communities, and sense of self. In this talk, Ashlee will share stories and research insights to highlight the importance of Indigenous leadership and science in the climate crisis, and to explore how naming ecological grief and climate anxiety can open space for reflection, solidarity, and transformative action, inviting people to see their emotional responses not as weakness, but as caring, courageous, and deeply relational acts in the climate crisis.

## MEET OUR PANELISTS



### **Clifford Paul**

*Moose Management Coordinator, Unama'ki Institute of Natural Resources*

Clifford Paul is a proud Mi'kmaq person who comes from the First Nation Community of Membertou, located in the Mi'kmaq ancestral district known as Unama'ki. Clifford is a father to five adult children, his oldest daughter sadly taken as one of the Missing and Murdered Indigenous Women in 2024. He is also the proud grandfather of 11 grandkids.

Clifford works for the Unama'ki Institute of Natural Resources as the Moose Management Initiative Coordinator for the past 20-years. He uses a Two-Eyed Seeing approach to Natural Resource Management which combines the strengths and tenets of Modern Western Science with the strengths and tenets of Indigenous Knowledge. He basically weaves the fabric of both to build a Management Plan for Moose and Moose Ecosystems in Unama'ki.

Clifford is a skilled artisan and is renowned as a knowledge keeper and storyteller.



### **Kateri Dorey**

*Outreach Coordinator for Indigenous Engagement, Ducks Unlimited Canada*

Kateri Dorey is an Outreach Coordinator for Indigenous Engagement with Ducks Unlimited Canada, working across the Atlantic provinces, and is based out of the Ducks Unlimited Canada Wetland Interpretive Centre in Shubenacadie.

As part of the education and outreach team, she works closely with Ducks Unlimited Canada's Atlantic science, research, and fundraising teams to support collaborative conservation initiatives; to incorporate Traditional Ecological Knowledge (TEK) into wetland conservation through community relationship building and outreach/education. A two-time alumna of Nova Scotia Community College, Kateri completed a Law and Security Certificate (2021–2022) before graduating from the Natural Resources Environmental Technology (NRET) diploma program (2022–2024).

Kateri's foundation in Two-Eyed Seeing began before the term was widely used. From 2011–2013, she participated in the Mi'kmaq Venture Project (MVP), a community-led youth development initiative grounded in traditional values and elder teachings across Sipekne'katik, Pictou Landing, Membertou, and Eskasoni. Having grown up in

## MEET OUR PANELISTS

Sipekne'katik before transitioning to an off-reserve high school, Kateri experienced firsthand the disconnection that can occur when Indigenous knowledge and language are absent from formal education. Her work reflects a commitment to bridging knowledge systems and strengthening community relationships with land and wetlands.



### **Leah Creaser**

*PhD student and fisheries biologist*

Of Wasoqopa'q (BrightWater) First Nation, Leah ML Creaser is a two-spirited L'nu (Mi'kmaw) person and has achieved both a B.Sc.Hons and M.Sc. in biology from Acadia University focused on fish ecology. Now a PhD student at Dalhousie University, she aims to characterize Striped Bass range expansion by utilizing academic research as a tool to amplify Mi'kmawey – Netukulimk – for the future of at-risk, threatened, and/or endangered native species – collectively. Among

Leah's academic contributions her amplification of Indigenous science has stemmed into fields of natural resources. Spanning from local post-secondary curriculum development with Nova Scotia Community College, to federal reaches of Natural Resources of Canada, Ottawa. While with NRCan, she contributed to the development and framework of the "Draft Policy on Ethics for Research Involving Indigenous Peoples and Territories" during her role there as a Collaborative Policy Analyst & Ethics Advisor, for the Nòkwewashk Office.

## Acadia SAEC Presentation Schedule, March 13-15, 2026

**Saturday, March 14, 2026, K.C. Irving Centre**



**Scan QR Code to Link to detailed abstracts for Talks**

<b>Time</b>	<b>KCIC Auditorium</b>	<b>KCIC Classroom</b>
9:00-9:20 Undergraduate	<b><u>Darcy Marino</u></b> <b>Acadia University</b> Variations in Compost Maturity Testing: Implications For Canadian Agriculture	<b><u>Quinn Vikedal</u></b> <b>Dalhousie University</b> Investigating the relationship between litter and environmental factors in a northern port city
9:20-9:40 Undergraduate	<b><u>Gianna Sheppard</u></b> <b>Cape Breton University</b> Pollinators and Nutrition: linking wild bees to the nutritional value of wild blueberries across Unama'ki	<b><u>Petra Ottenbreit-Born</u></b> <b>Dalhousie</b> Public Perceptions of Hemlock Woolly Adelgid Management in an Urban Park
9:40-10:00 Undergraduate	<b><u>Noah Martin</u></b> <b>Saint Mary's University</b> Sable Island horses and their effects on microbial biomass and soil nutrients	<b><u>Rebeca Pietrosanu</u></b> <b>Dalhousie</b> Finding connection: Environmental drivers of Atlantic salmon ( <i>Salmo salar</i> ) predicted distribution in Napu'saqnuq (St. Mary's River)
10:00-10:20 am	Nutrition break: <i>Sponsored by Elderkin's Farm Market</i>	
10:20-10:40 am Undergraduate	<b><u>Amanda Tracy</u></b> <b>Acadia University</b> Methodology development for microplastic extraction from bees	<b><u>Hannah Nekkers</u></b> <b>Dalhousie University</b> Tree Vulnerability Assessment of the Halifax Public Gardens
10:40-11:00 Undergraduate	<b><u>Rowan Norrad</u></b> <b>Acadia University</b> Assessing the impacts of river-based carbon sequestration: effects of river alkalinity enhancement on dissolved metal concentrations in the West River, Nova Scotia	<b><u>Brett MacKinnon</u></b> <b>Cape Breton University</b> Comparing the Health of Mummichog ( <i>Fundulus heteroclitus</i> (Linnaeus, 1766)) in Open Hearth Park after remediation, to various reference estuaries
11:00-11:20 Undergraduate	<b><u>Lucy Boyne</u></b> <b>Acadia University</b> Quantifying the mercury:calorie ratios of aquatic invertebrates from two lakes in Kejimikujik National Park and National Historic Site, Nova Scotia	<b><u>Jazmine Smith</u></b> <b>Dalhousie University</b> Block by Block: A Decadal Assessment of the Duncan-Lawrence-Allan Street Trees
11:20-11:40 Undergraduate	<b><u>Amelia Walker</u></b> <b>University of PEI</b> The Effects of Ocean Alkalinity Enhancement on MSX Disease in PEI Oysters	<b><u>Sarah Doyle</u></b> <b>Acadia University</b> Propagation and spore isolation of arbuscular mycorrhizal fungi from Bay of Fundy, Nova Scotia salt marshes
11:40-12:00 Undergraduate	<b><u>Liam Bendzsa</u></b> <b>Dalhousie University</b> Developing Lithium-Ion Batteries with Long Lifetime and Low Cost for Renewable Energy Storage	<b><u>Sophia Murphy</u></b> <b>Dalhousie University</b> Sustainable Forestry in Nova Scotia
12:00-1:30 pm	Lunch (option for poster set up) - Wheelock Dining Hall	

## Acadia SAEC Presentation Schedule, March 13-15, 2026

1:30-2:30pm	Keynote: Dr. Ashlee Cunsolo - K.C. Irving Centre Auditorium	
2:30-2:50 Undergraduate	<b><u>Aiden Redden</u></b> <b>Saint Mary's University</b> Avian Biodiversity in bogs after the Barrington 2023 wildfire	<b><u>Alexis Gauvin</u></b> <b>Dalhousie University</b> A lipidomic survey of marine microbial diversity across a North Atlantic transect
2:50-3:10 Undergraduate	<b><u>Meghan Runge</u></b> <b>Dalhousie University</b> River geomorphology shapes fish morphological diversity worldwide	<b><u>Daniel Wilson</u></b> <b>Saint Mary's University</b> Factors Influencing Earthworm Distribution in Finland
3:10-3:30 Undergraduate	<b><u>Marissa Emberly</u></b> <b>Mount Allison University</b> Using Cladoceran Remains to Determine Environmental Changes at Nictau and Naskwaak Lakes	<b><u>Eve Pole</u></b> <b>Acadia University</b> Arsenic accumulation in alder trees at a legacy gold mine tailings impoundment in southwest Nova Scotia: Implications for environmental risk
3:30-3:50 Undergraduate	<b><u>Sophie Kent-Purcell</u></b> <b>Saint Mary's University</b> The Missing Links: Modelling Habitat Connectivity for Canada Lynx ( <i>Lynx canadensis</i> ) in Cape Breton	<b><u>Raphaëll Dupré</u></b> <b>Dalhousie University</b> Artificially Recreating Freshwater Nova Scotian Turtle Nest Scents for Olfactory Misinformation Applications
3:50-4:10 pm	Nutrition break (poster set up)	
4:10-4:30 Graduate	<b><u>Kerri McPherson</u></b> <b>St. Francis Xavier University</b> Evaluating the Effectiveness of Ocean and Climate Change Education in Nova Scotia's Science Classrooms: Impacts on Knowledge, Attitudes, and Action	<b><u>Miruna Dragomir</u></b> <b>University of New Brunswick</b> Modelling the effects of climate change on the forests of Nova Scotia using a novel landscape simulation approach
4:30-4:50 Graduate	<b><u>Katelyn Augustine</u></b> <b>University of New Brunswick</b> Assessing Presence of Migjigj (Turtles) in Central Gespe'gewa'gi (Northern New Brunswick), Using Two-Eyed Seeing and Environmental DNA	<b><u>KC Collings</u></b> <b>Saint Mary's University</b> Melodies to Mates: The Effect of Male Song Complexity on Social and Genetic Mate Choice in European Starlings, <i>Sturnus vulgaris</i>
4:50-6:30 pm	Poster Session (16 posters) - K.C. Irving Centre Research Wing	
5:50-6:30 pm	Adjudication committee meeting- K.C. Irving Centre Classroom	
6:30-8:30pm	Banquet - Fountain Commons	

## Acadia SAEC Presentation Schedule, March 13-15, 2026

**Sunday, March 15, 2026, K.C. Irving Centre**

**Scan QR Code to Link to detailed abstracts for Talks**



<b>Time</b>	<b>KCIC Auditorium</b>	<b>KCIC Classroom</b>
8:30-8:50 Graduate	<b><u>Janine Mombourquette</u></b> <b>Saint Mary's University</b> Assessing the effects of long-term temperature change on a wild Nova Scotian breeding population of European Starlings ( <i>Sturnus vulgaris</i> )	<b><u>Allison MacNeil</u></b> <b>Saint Mary's University</b> Enhancing Coastal Resilience: Marsh Elder ( <i>Iva frutescens</i> ) as a nature-based solution
8:50-9:10 Graduate	<b><u>Nara Tainá Veloso Borges</u></b> <b>University of New Brunswick</b> UAV-LiDAR Area-Based Approach for Boreal Forest Stand Inventory in Slave Lake, Alberta	<b><u>Samuel Sequeira</u></b> <b>Saint Mary's University</b> Mercury and arsenic bioaccumulation in frogs inhabiting wetlands contaminated by legacy gold mine tailings in Nova Scotia, Canada
9:10-9:30 Graduate	<b><u>Lajeekka Jeevaraththinam</u></b> <b>University of New Brunswick</b> SeaGrassGuard: Fisher-led Seagrass Restoration for Coastal Protection and Climate Resilience in Halifax, Canada	<b><u>Gretchen McPhail</u></b> <b>Acadia University</b> Quantifying changes in mercury bioaccumulation and biomagnification in invertebrate food webs across a river-ocean continuum
9:30-9:50 Graduate	<b><u>Cassidy Bernard</u></b> <b>University of New Brunswick</b> Age Validation in Slimy Sculpin ( <i>Cottus cognatus</i> ): A Comparison of Traditional and Otolith Microchemical Methods	<b><u>Emily McLean</u></b> <b>Dalhousie University</b> Metal(loid) concentrations in honey: A Nova Scotia case study and global literature review
9:50- 10:10 am	Nutrition break: <i>Sponsored by Hennigar's Farm Market</i>	
10:10-10:30 Graduate	<b><u>Audrey Marie Hill</u></b> <b>Dalhousie University</b> Leveraging groundwater level data from Nova Scotia to support national monitoring recommendations	<b><u>Armita Motamedi</u></b> <b>Dalhousie University</b> Drought and Recovery Dynamics Across the Hydrologic Cycle in a Cold, Humid Coastal Region
10:30-10:50 Graduate	<b><u>Kagan Akiyama</u></b> <b>University of Toronto</b> Prioritizing Activity Sectors: An assessment of the impact of activity sectors on climate targets in 256 Canadian Municipalities	<b><u>Alex Crawford</u></b> <b>University of New Brunswick</b> Improving Non-lethal Identification of Freshwater Mussels Through a Morphometric-Based Random Forest Model
11:00-12:00 pm	Panel event: <i>Two Eyed Seeing in Environmental Careers</i> - K.C. Irving Centre Auditorium	
11:00-12:00 pm	Adjudication committee meeting - K.C. Irving Centre Classroom (or library)	
12:00-12:30 pm	Awards and Closing remarks - K.C. Irving Centre Auditorium	
12:30-1:30 pm	Lunch at Wheelock Dining Hall	

## Acadia SAEC Presentation Schedule, March 13-15, 2026

### List of Poster Presentations – K.C. Irving Centre Research Wing

Scan QR Code to Link to detailed abstracts for Posters



POSTER #	Presenting Author	Affiliation	Title
1	Grace Robertson (G)	University of Prince Edward Island	Evaluation of Phosphorous Acid as a Control Strategy for Potato Pink Rot ( <i>Phytophthora erythroseptica</i> ).
2	Benjamin Gooley (G)	Acadia University	Legacy Pollution in Nova Scotia, Canada: Historical Goldmining Has Elevated Hg and As Concentrations in Ponhook Lake Sediments
3	Hannah Lavers (UG)	Memorial University of Newfoundland, Grenfell	The Impacts of Clearcutting on Ectomycorrhizal Fungi
4	Joseph Villo (UG)	Cape Breton University	Epibiont and Endobiont Communities of Freshwater Mussels: Implications for Translocation Planning
5	Brenell Enman (UG)	Mount Allison University	Tracking Response of a Reference Lake to Environmental Change in New Brunswick, Canada
6	Kate Sparling (UG)	Dalhousie University	Assessing Vulnerability of Salt Marshes to Coastal Squeeze and Simultaneous Relative Sea Level Rise, via GIS-Based Case Study of West Chezzetcook, Nova Scotia
7	Cyril Cook (UG)	University of New Brunswick	Modelling fire behaviour in hurricane-impacted stands of Prince Edward Island
8	Lara Dalton (UG)	Cape Breton University	Echoes of Bell: Investigating bumblebee foraging acoustics at Beinn Bhreagh Estate
9	Julia Crean (UG)	Saint Francais Xavier University	Correlations Between Methane Fluxes, Vegetation Type, and Microbial Community Compositions in the Degraded Quince Bog
10	Sarah Chiasson (UG)	Saint Mary's University	Intraspecific Brood Parasitism as a Strategy to Increase Reproductive Success for European Starlings ( <i>Sturnus vulgaris</i> ) Raising Concurrent Broods
11	Mandarin Alexis Walker (UG)	UPEI	The Impact of Macroalgal Richness on Biodiversity: an Artificial Reef Study
12	Julia MacFarlane (UG)	Dalhousie University	Integrating geospatial data into acoustic receiver array planning in the Southern Gulf of St. Lawrence
13	Catherine Minnaar (UG)	Mount Allison University	Chironomids as bioindicators of environmental change at Yoho Lake in New Brunswick, Canada
14	Tatijana Hayes (UG)	NSCC	Tissue Culturing Balsam Fir in Atlantic Canada
15	Diana Lushman (UG)	Grenfell Campus (MUN)	Influence of Nitrogen Availability on Growth Allocation in Boreal Forests Across Different Harvest Sites
16	Joshita Pannimadai Senthil Kumar (G)	Dalhousie University, Faculty of Agriculture	Quantum Dot-Assisted Spectrum Controlled Greenhouse Tarps to Boost Crop Production