

**UPEI Science Atlantic Environment Conference Oral Presentation Schedule, March 22 – 24,
2024**

All presentations will take place in MacDougall Hall (MCDH)

Detailed Oral Presentation Schedule for Saturday, March 23, 10:30-12:30 pm

Presentation #	MCDH, 243 (Undergraduate)	MCDH, 246 (Graduate)
1	Holly Turner, Acadia University: Examining temporal trends in the production and bioaccumulation of methylmercury in a restored wetland habitat	Jeneya Smith, University of New Brunswick: Evaluating tree species' growth sensitivity to seasonal temperatures
2	Laura Apblett, University of Prince Edward Island: Using organic amendments to improve phosphorus availability	Ilya Dimitrovas, Mount Allison University: Watershed applications of DDT and legacy impacts to benthic invertebrates in lakes from New Brunswick, Canada
3	Matthew Dean, Cape Breton University: Effects of shelter belts on insect biomass and biodiversity in lowbush blueberry, <i>Vaccinium angustifolium</i> fields	Vincenzo Marin, University of Prince Edward Island: Analysis of stream flow in response to surface water irrigation and its effects on TSS
4	Alexe Indigo, Dalhousie University: Can introduced dung beetle <i>Onthophagus nuchicornia</i> effectively use dung from mammals native to eastern North America beyond agroecosystems?	Emily Gibbons, University of Prince Edward Island: Influence of giant Irish moss-blue mussel clumps on local biodiversity in a Marine Protected Area (Basin Head, PE)
5	Clara Ryan, Acadia University: Effects of biochar and <i>Rhizophagus irregularis</i> on <i>Malus domestica</i> , variety Honeycrisp, in the presence of apple, replant disease pathogens	Nadia Zahabi, University of New Brunswick: Case studies on the cradle-to-gate life cycle analysis of softwood lumber production
6	Hayley Newel, Acadia University: MeHg and THg concentrations of Hawaiian invertebrates and surface soils: potential volcanogenic influence	Marlene Chapman, University of Prince Edward Island: Fisheries management in a changing climate: insights from the Prince Edward Island lobster fishery

Detailed Oral Presentation Schedule for Saturday, March 23, 4:00-5:30 pm

Presentation #	MCDH, 243 (Undergraduate)	MCDH, 246 (Graduate)
1	Macartney Wormington, Mount Allison University: Casting light on mercury: a comparative analysis of brook trout in New Brunswick	Barbara Rousseau, University of Prince Edward Island: Shifting sands: changing perceptions of Prince Edward Island's gulf shore dunes
2	Sarah Macdonald, Dalhousie University: Characterization of lake trophic state and cyanobacteria presence in Kejimikujik National Park	Cecilia Lancarte, Université de Moncton: Photovoice as a tool for community building among social and environmental movements

3	Rosie Bleyer, Dalhousie University: Identifying barriers to connectivity for Atlantic salmon in the St. Mary's River using a field validated remote sensing framework	Tristan Atkins, University of Prince Edward Island: Improving sustainability efforts in NunatuKavut by empowering Inuit communities through community based participatory action research
4	Emilie LeBlanc, Université de Moncton Comparaison des niveaux de stress physiologiques chez <i>Homarus americanus</i> par identification de biomarqueurs	Catherine Kennedy, University of Prince Edward Island: Evaluation of erosion mitigating infrastructure across Prince Edward Island
5	Kate Metcalfe, Dalhousie University: Mapping Lobster Habitat in the Northumberland Strait Using Multibeam Echosounders.	Greg Ellison, University of Prince Edward Island: The path to carbon neutrality: community based renewable energy on Prince Edward Island

Detailed Oral Presentation Schedule for Sunday, March 24, 8:45-10:45 am

Presentation #	MCDH, 243 (Undergraduate)	MCDH, 246 (Graduate)
1	William Chapman, Mount Allison University: Scientific communication in a vulnerable language	Meghan Oliver, University of New Brunswick: Bobolink (<i>Dolichonyx oryzovororus</i>) breeding and habitat in the Wolastoq/Saint John River Valley.
2	Sadie Russell, Dalhousie University: Halifax residential air quality: public perception and PM2.5 concentrations	Brandon Vriends, University of Prince Edward Island: Direct and indirect trophic interactions in a marine sedimentary bottom: can habitat complexity play a role in prey survival rates?
3	Jara de Hoog, Acadia University: Technology and capitalism in Nova Scotia's new climate change plan	Gaël Doussou, Université de Moncton : Variation de la qualité de l'eau sur 20 ans d'une rivière du nord-est du Nouveau-Brunswick et influence des facteurs environnementaux.
4	Arwen Estrada, Acadia University: Utilization of marine and coastal fungi as bioremediation tools for plastic pollution	Katlyn Morrow, Mount Allison University: Sedimentary PEC-Qs of legacy DDTs and the risks to lake benthos in New Brunswick, Canada
5	Ethan Copp, St. Francis Xavier University: The potential health impact of airport pollutants on recreation in Kincaid Park in the winter of 2023 to 2024	Annie Dysart, University of Prince Edward Island: Using eDNA to assess fish populations in aquatic environments of Prince Edward Island, Canada
6	Josie Mallett, St. Francis Xavier University: Regional marine trends following the cessation of carbon emissions: what will be the future of warm coral reefs?	N/A