

# 2019 Annual Meeting of the Atlantic International Chapter of the American Fisheries Society

Rodd Brudenell Resort, Prince Edward Island

September 22-24, 2019

## Summary of Presentations

1. **Kurt Samways: Keynote Speaker (University of New Brunswick Fredericton) – Back from the brink: braving the current to recover endangered Atlantic salmon**
2. Daryl Guignon (Retired Professor of Biology at University of Prince Edward Island) – A conservation strategy for Atlantic salmon in Prince Edward Island
3. Dr. Russel Easy (Acadia University) – Exploring Parasite Diversity in Fish: A Molecular and Morphological Journey
4. Sarah Kingsbury (St. Mary's University) - Citizen Science Utilized to Report an Aquatic Invasive Species, the Chinese Mystery Snail (*Cipangopaludina chinensis*), in Atlantic Canada
5. Rachel Pomerleau (Acadia University) - Quantification of Mercury and other Trace Elements in the Tissues of Five Species of Coastal Fishes from the Bay of Fundy, Nova Scotia
6. Judith Bjorndahl (Acadia University) – Analysis of recreational fishing survey data from Nova Scotia: Determining angler preference and catch per unit effort
7. Brandon Nilsen (Acadia University) – Eel on the Edge: Assessing and Facilitating Upstream Passage of American Eel Elvers
8. Will Bauer (Acadia University) – Assessing Recreational Fisheries Using FaceBook Posts
9. Colton McBrine (University of New Brunswick St. John) – Ground Truthing the use of Environmental DNA (eDNA) for assessing Atlantic salmon population distribution and abundance.
10. Ty Gormley (University of New Brunswick St. John) - Comparing genetic variation among Atlantic cod (*Gadus morhua*) populations following the collapse of the Northern cod stock (2019)

11. Danni Harper (Acadia University) - Application of Drop-Camera Surveying for Improved Resource Management Within Sea Cucumber Fishing Areas
12. Dr. Scott Pavey (University of New Brunswick St. John) - Using genome-wide association to determine the genetic basis of sex and growth rate in American Eel.
13. Jason Leblanc (Nova Scotia Fisheries and Aquaculture) - Non-native chain pickerel and smallmouth bass integration and impact in Maritimes freshwater food webs
14. Lindsay Carroll (Acadia University) - Investigating Atlantic tomcod (*Microgadus tomcod*) dietary habits and coastal migration into spawning habitat within Minas Basin, Nova Scotia
15. Liza Tsitrin (Acadia University) - Sophisticated tracking: investigating postspawning migration and predicting encounter rates with in-stream tidal turbines of Alewife (*Alosa pseudoharengus*) in Minas Basin, Bay of Fundy
16. Scott Roloson (University of Prince Edward Island) – Rainbow trout and Atlantic salmon interactions in PEI
17. Meghan Fraser (St. Mary's University) – Ecological limitations of Chinese Mystery Snails
18. Rosie McFarlane (Prince Edward Island Forests, Fish and Wildlife Division) – A history of Atlantic salmon stocking in Prince Edward Island

