

2024 Annual Meeting of the Michigan Chapter of the American Fisheries Society - Agenda

March 20-22, 2024

Kellogg Center - East Lansing, Michigan

Wednesday, March 20, 2024

9:00 am – 4:00 pm	Registration – <i>Lincoln Lobby</i>
9:00am – 12:00pm	Mussel ID Certification Test – <i>Room 105 AB</i>
1:00pm – 4:00pm	Navigating Professional Waters: Mastering Crucial Conversations, Fostering Proactive Conflict Resolution & Cultivating Career Growth – <i>Room 105 AB</i>
Evening	Game Night – <i>North, Central, or South Lobby, dependent on space</i>

Thursday, March 21, 2024 – Lincoln Room

8:00 – 9:00 am	Registration – <i>Lincoln Lobby</i>
8:00 – 9:00 am	Breakfast – <i>Lincoln Room</i>
9:00 – 10:00 am	Roger LaBine
10:00 – 10:20 am	Kyle Brumm – Strengthening the field of fisheries: the importance of belonging
10:20 – 10:40 am	Arika Reed – Finding Fish Fanatics: Fishing for Futures
10:40 – 11:00 am	John Urquhart – Abiotic Characteristics of Boardman-Ottaway River
11:00 – 11:20 am	Colin Assenmacher* , MSU – Influence of Environmental Characteristics on <i>Procambarus clarkii</i> Burrowing in Southeast Michigan Waterbodies
11:20 – 11:40 am	Joshua Hoekwater* , MSU – Competition between Round Goby and Slimy Sculpin in a Laboratory Setting
12:00 – 1:00 pm	Lunch – <i>Red Cedar AB</i>
1:00 – 1:20 pm	Peter Flood – Disentangling impacts of climate change on body size across species in freshwater fish communities
1:20 – 1:40 pm	Justin Miller* , MSU – Modeling water temperature in the Au Sable River: Information to manage for resiliency with changing climate
1:40 – 2:00 pm	Benjamin Cehelsky* , MSU – Evaluating the Performance of Random Forest Models Using a Simulation Test
2:00 – 2:20 pm	Emily Martin – Walleye Long-Term Monitoring in the 1836 Ceded Territory
2:20 – 2:40 pm	Corey Jerome – Manistee River Lake Sturgeon: 20 Years of Restoration
2:40 – 3:00 pm	Break
3:00 – 4:45 pm	Michigan Chapter Business Meeting
5:00 – 9:00 pm	Dinner / Social / Raffle – <i>Big Ten A</i>

Friday, March 22, 2024 – Lincoln Room

7:00 – 8:00 am	Breakfast – <i>Lincoln Room</i>
8:20 – 8:40 am	Student Presentation Awards
8:40 – 9:00 am	Lawrence Grennan – Eastern Lake Michigan Reef Assessment Plan
9:00 – 9:20 am	Taylor Skiles – Assessing the conditions and utilization of Lake Michigan reefs by Coregonid species and lake trout
9:20 – 9:40 am	Martin Simonson – Comparison of cisco (<i>Coregonus artedii</i>) aerobic scope and thermal tolerance across a latitudinal gradient
9:40 – 10:00 am	Joshua Mutchler – Evaluating survival of surrogate fish species using multiple incubators: Continuing efforts towards reintroducing Arctic Grayling (<i>Thymallus arcticus</i>) into Michigan Streams
10:00 – 10:20 am	John Hume – Survival and growth of young-of-the-year sea lamprey produced in the lab: implications for species management
10:20 – 10:40 am	Break
10:40 – 11:00 am	Ryan Holem – Case Study: Mussel survey and relocation considerations for an impounded stretch of the Huron River
11:00 – 11:20 am	Cameron Leitz – Evaluating potential effects of the New Zealand mudsnail (<i>Potamopyrgus antipodarum</i> ; NZMS) on macroinvertebrate assemblages in Michigan waters
11:20 – 11:40 am	Michala Burke – Retention of Passive Integrated Transponder Tags in Age-0 Lake Sturgeon
11:40 -12:00 pm	Dana Castle – Proactive Programs, how DNR Natural Rivers helps conserve critical aquatic habitat
12:00 pm	Jason Fischer – Closing Remarks

* Denotes Student Presenter

Poster Presentations – Thursday March 21, 5-9 pm – Big Ten A

Silas Dunn – Seasonal changes in coregonine diets in Lake Superior

Erin Falk – Population Dynamics of Eurasian Ruffe in Northern Green Bay, Lake Michigan

Erin Falk – Aquatic Invasive Species Early Detection and Monitoring Program - 2023 Season Overview

Drew Heckman – MiWaterNet: Enhancing Stewardship, Research, and Management through Remote Stream Monitoring

Scott Jackson*, UM– Are Metabolic Rates Associated with Underlying Body Composition in Fish?

Jaime Jacob*, UM – Curating a Digital Database to Examine Historical Fisheries Management Strategies in Michigan Inland Lakes

Zachary Kassuba – Development of a Water Quality Monitoring System on a USV

James Laperriere*, LSSU – Investigating the Impact of New Zealand Mud Snails (*Potamopyrgus antipodarum*) on Macroinvertebrate communities and Algal growth in the Manistee River

John Lawrence*, GVSU – Littoral Dissolved Oxygen Trends in Muskegon Lake

Cori Martorana*, MSU – Potential overlap of Asian carp with important game fish and migratory species habitat implications for future invasive species management in Michigan streams

Shawnee McMillian – Determining Threshold Levels and Sensitivity Using Environmental DNA Approaches to Detect a Nuisance Freshwater Diatom, *Didymosphenia geminata*

Jacob Pantzlaff – Grass Carp Monitoring in Lake Michigan

Gwendolyn Phillips*, LSSU – The occurrence, abundance, and type of microplastics in larval Lake Whitefish (*Coregonus clupeaformis*) diets in relation to water depth and watershed land use

Elliana Prow*, LSSU – Zooplankton beach and nearshore densities and their relation to larval coregonines at day versus night in the Upper Great Lakes

Clayton Robertson*, LSSU – Use of St. Marys River Coastal Wetlands by Black Bass

Anna Schwarzkopf – Assessing Physical Effects of Entrainment on Larval Fish Passing Through Union Street Dam, Traverse City, MI

Dakota Smith*, LSSU – Crustacean zooplankton exhibit higher diel density and species richness in murky versus clear lakes in southern Michigan

Jack Taylor*, MSU – Stream connectivity analysis for priority fish species in Michigan: Applications for barrier management

Megan Thompson – Comparison between Lake Superior State University Fish Hatchery and Platte River State Fish Hatchery in Atlantic Salmon rearing

Kaylea Tipper – Preliminary Assessment of Larval Fish Distribution in the Boardman-Ottaway River

Ally VanKampen*, LSSU – Density of invasive dreissenid mussels in the Upper Great Lakes in relation to chlorophyll a, zooplankton density, and larval coregonine abundance

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