

Wisconsin Chapter of the American Fisheries Society
48th Annual Meeting Program
February 4-6, 2020
Lismore Hotel, Eau Claire, WI

Tuesday, February 4

<i>Time</i>	<i>Event</i>
1:30 – 4:30 PM	Continuing Education Workshop - Wilson ballroom
4:00 – 7:00 PM	Registration/load talks - Wilson ballroom Lobby
5:00 – 6:30 PM	Poster setup - Wilson ballroom Lobby contact Zach Driscoll or Max Reynolds
6:30 – 10:00 PM	Welcome social - Richmond ballroom (downstairs); <i>light snacks available but not a meal</i>

Wednesday, February 5

<i>Time</i>	<i>Speaker</i>	<i>Title</i>
7:00 – 7:45 AM		Registration/load talks - Wilson ballroom lobby
8:00 – 8:25 AM	Ron Bruch	Keynote Address: Making a difference for your fish and for your publics
8:25 – 8:45 AM	Scott Toshner	Fish passage made easier - Working with local units of government to create fish friendly road crossings
8:45 – 8:55 AM	Nick Brendt	Using fin clips to assess brook trout movement through culverts and natural barriers
8:55 – 9:15 AM	Kirk Olson	Impact of beaver dams on salmonid populations in Driftless Area and South Shore, WI streams
9:15 – 9:35 AM	Quinnlan Smith	Coarse woody habitat effects on sport fish behavior
9:35 – 9:45 AM	Joe Mrnak	Competition for pelagic niche space: reintroducing native cisco to control invasive rainbow smelt
9:45 – 10:05 AM	Tim Parks	Cisco body morphology, relative weight redundancy, and oxythermal habitat relationships in Wisconsin inland lakes
10:05 – 10:20 AM	<i>Break- coffee+snack</i>	<i>Poster session - Wilson Ballroom</i>
10:20 – 10:40 AM	Ben Martin	Piscivore stocking alters a historic trophic cascade
10:40 – 10:50 AM	Holly Embke	Fish community response to whole-lake Centrarchidae removal in a north temperate lake
10:50 – 11:10 AM	Logan Sikora	Effects of bullhead removals in four northern Wisconsin lakes
11:10 – 11:30 AM	Kristen Gruenthal	Developing a dual-purpose GTseq panel for stock discrimination and parentage analysis in walleye
11:30 – 11:40 AM	Ethan Brandt	Assessing abundance of centrarchids and juvenile yellow perch in northern Wisconsin lakes with different walleye recruitment histories

11:40 – 12:00 PM	Tom Cichosz	Dispelling common misconceptions about tribal spearing in Wisconsin
12:00 – 1:00 PM	<i>Lunch</i>	<i>Provided in the Richmond Ballroom (downstairs from Wilson Ballroom)</i>
1:00 – 1:20 PM	Wes Larson	An overview of fisheries genetics in Wisconsin: leveraging new technologies to improve fisheries management and address long-standing ecological questions
1:20 – 1:30 PM	Tommy Hill	Using genetics to evaluate survival and growth of Leech Lake strain muskellunge stocked in Wisconsin lakes
1:30 – 1:50 PM	Colin Dassow	Experimental demonstration of catch hyperstability from habitat aggregation, not effort sorting, in a recreational fishery
1:50 – 2:10 PM	Daniel Isermann	Maintaining trophy potential of riverine smallmouth bass populations in the upper Midwest: An assessment using the Menominee River, Wisconsin-Michigan, as a model
2:10 – 2:30 PM	Nathan Jaksha	Effect of density reduction on growth, condition, and size structure of brown trout <i>Salmo trutta</i> in Spearfish Creek, South Dakota
2:30 – 2:50 PM	Jasmine Johnson	Stock discrimination of lake sturgeon in the Lake Winnebago system using otolith and fin ray microchemistry
2:50 – 3:10 PM	Aaron O'Connell	Evaluation of methods for estimating age and growth of lake sturgeon <i>Acipenser fulvescens</i>
3:10 – 3:30 PM	Greg Sass	Catch-and-release in inland recreational fisheries: Meeting manager and angler expectations or shooting ourselves in the foot?
3:30 – 4:30 PM		Poster session and R Expo - Wilson ballroom
4:30 – 6:00 PM		Business Meeting - Wilson Ballroom
6:15 – 10:00 PM		Banquet and raffle - Richmond Room (downstairs from Wilson Ballroom)

Thursday, February 6

<i>Time</i>	<i>Speaker</i>	<i>Title</i>
7:00 – 8:00 AM	<i>Breakfast – Richmond Room</i>	
8:00 – 8:20 AM	Jared Krebs	Movements and spawning habitat of muskellunge in Green Bay, Lake Michigan
8:20 – 8:40 AM	Matt Kornis	Post-release movement of lake trout in Lake Michigan
8:40 – 9:00 AM	Peter Euclide	Polygenic inheritance of differential lipid content between siscowet and lean lake trout
9:00 – 9:20 AM	Lydia Doerr	Otolith microchemistry: A tool to identify the natal origins of larval lake whitefish
9:20 – 9:40 AM	Ron Bruch	Lake trout and cisco restoration, and rainbow smelt dynamics in Long Lake, Phelps, Vilas Co, WI
9:40 – 10:00 AM	Becky Gehri	Genetic structure in five fish species from a fragmented river is driven primarily by existing habitat heterogeneity rather than isolation by a dam
10:00 – 10:20 AM	<i>Break coffee + snack</i>	
10:20 – 10:40 AM	Lucas Koenig	Food web interactions among walleyes, lake whitefish, and yellow perch in Green Bay, Lake Michigan

10:40 – 11:00 AM	Iyob Tsehaye	Assessing relative changes in yellow perch and walleye abundances in Green Bay
11:00 – 11:10AM	Jeremiah Shrovnal	Estimating mortality of lake sturgeon in the Lake Winnebago system using traditional age-based approaches and capture-recapture models
11:10 – 11:20AM	Joseph Gerbyshak	Digging deep: A look at the shovelnose sturgeon population in the lower Chippewa River
11:20 – 11:30 AM	David Rowe	Experimental angler preference survey
11:30 – 11:40 AM	Paul Piszczek	Bois Brule River creel survey: A mixed-method approach
11:40 – 11:50 AM	Zach Mohr	Volunteer angler lake sturgeon tagging project
11:50 – 12:00 PM	Levi Simmons	Using parentage analysis to investigate the spawning and recruitment dynamics of walleye
		Grand Prize raffle drawing and award recipients announced

Safe Travels!

Poster Session

<i>Presenter</i>	<i>Title</i>
Allen Lane	Growth of hatchery reared Chinook salmon in Lakes Michigan and Huron exhibits limited spatial variation but is temporally linked to alewife abundance
Chance Brown	Development and application of a standard weight equation for bowfin <i>Amia calva</i>
Matthew Chotlos	Light availability and biomass production in Swedish boreal lakes
Natalie Coash	Location and timing of spawning brook trout in the Little Plover River, WI
Giancarlo Coppola	Effects of hatch timing on piscivory and pre-winter length distribution of age-0 largemouth bass in Wisconsin lakes
Angelo Cozzola	Effects of commercial Fluridone herbicide on non-target fathead minnows <i>Pimephales promelas</i>
Dan Dembkowski	Replicating northern pike cleithra ages using otoliths, pelvic fin rays, and scales: precision and sampling guidelines based on sex and total length
Dan Dembkowski	Fishery contributions, seasonal movements, and spawning site fidelity of Green Bay walleyes
Lydia Doerr	Conversations on utilizing the Bois Brule Lamprey Barrier as a fisheries management tool
Willie Dokai	Investigating the use of eDNA metabarcoding as a method for monitoring aquatic biodiversity in tributaries of Lake Michigan
Zach Driscoll	Assessing the effectiveness of an electrical barrier on controlling common carp movement in the Oconomowoc River
Levi Feucht	Reduction of Centrarchids results in increased yellow perch catch rate and size in a north temperate lake
Kevin Gauthier	Design and development of an open-sourced, cost-effective water temperature sensor string
Jessie Hanson	Trophic overlap among fishes resident to tributaries of Green Bay, Wisconsin

Cari-Ann Hayer	Aquatic invasive species early detection and monitoring program
John Hermus	Known age and growth of stocked northwestern Wisconsin muskellunge <i>Esox masquinongy</i>
Nathan Jaksha	Diets of larval walleyes in northern Wisconsin lakes
Jason Lins	Abiotic factors influencing brook trout abundance and recruitment within the Little Plover River, WI
Kristina Pechacek	Habitat use, thermal distribution, and diet of Brook Trout <i>Salvelinus fontinalis</i> as affected by interspecific competition with non-native Brown Trout <i>Salmo trutta</i> in the Driftless Region of southwest Wisconsin
Katie Renik	Environmental influences on Muskellunge <i>Esox masquinongy</i> and Walleye <i>Sander vitreus</i> angler catch, Escanaba Lake 2003 – 2015
Benjamin Schleppenbach	Habitat use, behavior, and condition of brook trout in a headwater stream in Wisconsin's central sands
Jennifer Sherren	Effectiveness of light based traps in the early detection and capture of bloody red shrimp <i>Hemimysis anomala</i> in Duluth-Superior Harbor
Bradley Smith	Early detection and monitoring for red swamp crayfish in Chicago
Claire Stuart	Reproduction ecology of northern pike: A case study within a restored Lower Green Bay wetland
Ted Treska	Introduction to the FWS Native Species Program with highlights

Provided Meals

February 4, 2019: none

February 5, 2019: lunch, dinner

February 6, 2019: breakfast

Social Events

Welcome Social (February 4, 2020; 6:30 – 10:00 PM)

Banquet and Raffle (February 5, 2020; 6:15 – 10:00 PM)