

UNDERCURRENTS

February 2018

The Newsletter of the Michigan Chapter of the American Fisheries Society



President's Message ~ Robin DeBruyne



Happy New Year! I hope this message finds you in good post-holiday spirits while reflecting on 2017 and planning out your upcoming year. For me, 2017 started out with our Chapter meeting in Mackinaw City. We had a day and a half of interesting keynote and contributed presentations with good food, raffling, and socializing. A huge 'Thank You!' to everyone who came to the meeting and presented their work from around our great state. It was a great start to my year. I also had my first 'big-boat' experience on the R/V Arcticus, trawling off of Goderich, Ontario in April. We had perfect weather and caught some big lake whitefish and lake trout (see photo). I attended the 13th International Coregonid

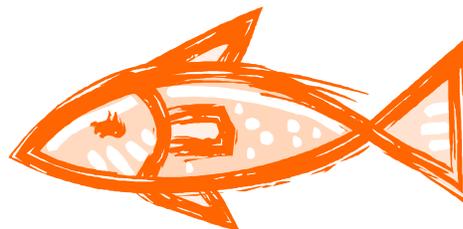
Symposium in Bayfield, Wisconsin, in September. This was a truly great coming together of whitefish scientists from around the world and many of our members were in attendance for the conference and the workshop after. The conference and workshop committees and the town of Bayfield did a great job planning and hosting the gathering.

In other Chapter news, I look forward to this year's meeting in Port Huron, MI in February. The venue is overlooking the St. Clair River. We have nominations for all of our Chapter awards and look forward to having a full set of awards to hand out at the meeting. We have been able to facilitate multiple continuing education workshops this year with more in the queue for the upcoming year. A huge 'Thank You' to Dan Traynor and Stacey Ireland for their efforts in bringing benefits to our members.

Finally, I would like to end my tenure as President of the Michigan Chapter by thanking the valuable members of the past and present executive committee that helped over the past couple years: Brian Roth, Ed Roseman, Justin Chiotti, and Billy Keiper. If you haven't yet become a member of the Parent Society of AFS or our Michigan Chapter, please take this time to renew your memberships and take advantage of the benefits and network of professionals.

Sincerely,

Robin L. DeBruyne



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From the President-Elect ~ *Justin Chiotti*

I am excited and honored to serve as president-elect of the Michigan Chapter of the American Fisheries Society. I want to thank the current and former officers, committee chairs, and membership that provide a forum for discussion of fishery issues, increase the awareness of aquatic resource problems in our State, and allow networking of people with common interests. It is amazing to see how much “behind the scenes” work takes place to make the annual meeting, continuing education courses, award committees, and other aspects of our chapter run smoothly. I especially wanted to thank Chapter Officers, Robin DeBruyne, Bill Keiper, and Ed Roseman for assisting with the organization of this year’s annual meeting and Dan Traynor and Stacey Ireland who continue to organize continuing education workshops for our Chapter.

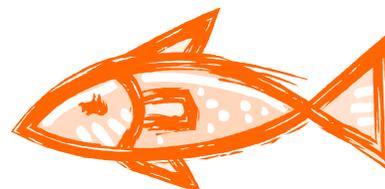
This year’s annual meeting will be held on February 13-14th at the Blue Water Area Convention Center in Port Huron, MI. The theme of the meeting is “Fisheries Management in Urban Landscapes” and will showcase restoration activities and fisheries projects taking place in urban areas as well as other projects throughout the State. Due to the mishandling of our urban watersheds in the past, many of these areas have been degraded and the habitat that supported the fisheries destroyed. The Great Lakes Restoration Initiative and other initiatives such as the Great Lakes Economic Initiative have brought renewed interest in revitalizing our urban waters, not only to bring back the fisheries which many of these communities were built upon, but for recreational and societal satisfaction as well. For the past seven years I have listened to the story of Dr. John Hartig, the manager of the Detroit River International Wildlife Refuge discuss the importance of “Bringing Conservation to Cities”. Since nearly 80% of all Americans live in urban areas we need to connect them with the outdoors and make sure they understand the importance of conserving our natural resources making these areas an enjoyable place to live, work, and play.



I am amazed to see all of the outreach and conservation activities taking place in our urban areas as we try to bring conservation to our cities in Michigan. Just in the past three years, the Michigan Department of Natural Resources built the Outdoor Adventure Center located on Detroit’s riverfront, which in 2016 saw over 100,000 visitors. Concurrently, the Detroit River International Wildlife Refuge Visitor Center is being built just downriver in Gibraltar, MI. The Refuge Gateway Visitor Center will have outdoor exhibits as well, highlighting the history, mishandling, and revitalization of the Detroit River a story similar to many other urban areas around the Great Lakes. As an officer of our chapter I look forward to continuing to bring conservation to urban areas around the State of Michigan making these areas an enjoyable place to live work and play.

Sincerely,

Justin A. Chiotti





Treasurer's Report for All Accounts

through December 1, 2017

BALANCE FORWARD December 15, 2016

Checking	\$9,021.53
Savings	\$8,015.60
Petty Cash	\$16.47
TOTAL BALANCE	<u>\$17,053.60</u>

INCOME

AFS Dues Rebate	\$2,036.00
Continuing Education	\$1,239.00
Donations to MIAFS	\$585.00
Membership dues, meeting fees	\$6,530.26
Interest Savings	\$3.67
TOTAL INCOME	<u>\$10,393.93</u>

EXPENSES

Awards, Scholarships, Travel Grants	\$1,425.00
Bank Charges	\$1.00
Meeting Costs	\$4,473.38
Donations	\$150.00
Continuing Education	\$1,182.94
Postage/Office Supplies/Printing Fees	\$31.78
TOTAL EXPENSES	<u>\$7,264.10</u>

TOTAL CASH FLOW **\$3,129.83**

Jan Fenske Memorial Award

Previous Balance	\$2,500.00
Donations	\$585.00
Awards	\$250.00
BALANCE	<u>\$2,835.00</u>

BALANCE December 1, 2017

Checking	\$11,755.55
Savings	\$8,014.61
PalPal	\$396.80
Petty Cash	\$16.47
TOTAL BALANCE	<u>\$20,183.43</u>

December 19, 2017

President Robin DeBruyne
Michigan Chapter of the American Fisheries Society

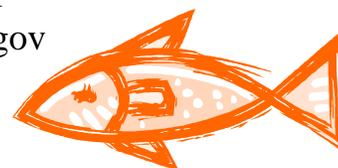
President DeBruyne,

This letter is to confirm that William Keiper, Secretary-Treasurer of the Michigan Chapter of the American Fisheries Society (MIAFS), has provided me with all the chapter's financial records for 2017. I cross-referenced all checks written, electronic withdrawals made, and deposit receipts against his financial-tracking spreadsheet and bank statements. The period covered was from the last audit report that I completed in 2016 through December 1, 2017. I find the Secretary-Treasurer's records to be complete and accurate.

Please accept this document as the official audit report for the 2017 Treasurer's Report. For any comments regarding this audit, please feel free to contact me. Mr. Keiper's record-keeping and quick responses to my questions and requests for additional documentation made for an efficient audit of MIAFS's financial records.

Respectfully,

David C. Caroffino, Ph. D.
Audit Committee Chair
caroffinod@michigan.gov



2018 Annual Meeting

“Fisheries Management in Urban Landscapes”

February 13-14, 2018- Blue Water Convention Center in Port Huron, Michigan

Meeting

This year’s 2018 Michigan American Fisheries Society Annual Meeting will be held on February 13th and 14th at the [Blue Water Convention Center](#) in Port Huron, Michigan. The theme of this year’s meeting will be “Fisheries Management in Urban Landscapes”. In recent years funding has been allocated to Great Lakes Areas of Concern around the State of Michigan in order improve fisheries habitat. Since many of these areas are in an urban setting, this will give us an opportunity to highlight these activities along with other fisheries projects taking place around the state.

As always, all presentations are encouraged, especially from students and those of you who we have not seen in a while. Abstracts should be emailed to Justin Chiotti (justin_chiotti@fws.gov) using the provided form. The deadline for submission is January 15th, 2018. You will be contacted by January 19th to be notified if your submission has been accepted as a poster or an oral presentation.

Abstract Form

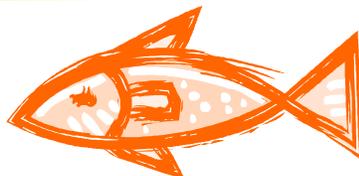
Conference Registration

Please pre-register by filling out the provided form, you can also pay by using PayPal below. Regular registration is \$90 and student registration is \$60 (payment by Check or PayPal®). The early registration deadline is January 26th. After January 26th, the registration fee will be \$115 for professionals and \$85 for students.

Registration Form

Hotel reservations can be made by calling the DoubleTree by Hilton Port Huron @ 810-984-8000. Our group name is “Michigan Chapter of the American Fisheries Society” and mention group code “AFS”. We have a block of 40 discounted rooms @ \$75/night that are available until January 19th or until the room block is full, whichever comes first.

Link to online hotel registration here: www.porthuron.doubletree.com



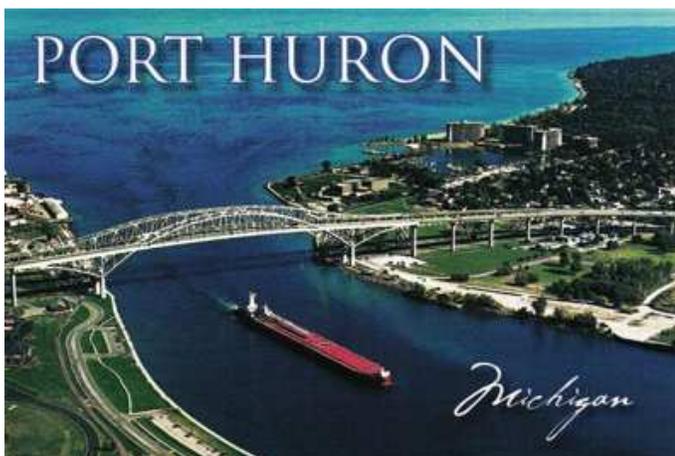


Tentative Meeting Schedule

February 13th and 14th, 2018

Tuesday, February 13 th	
8:00 – 9:00 am	Registration
9:00 – 9:45 am	John Austin – Michigan Economic Center “Michigan’s Blue Economy”
9:45 – 10:15 am	Chris Aldrich/Doug Ault – U.S. Fish and Wildlife Service Law Enforcement
10:15 – 10:30 am	Morning Break
10:30 – 12:00 pm	Morning Paper Session
12:00 – 1:30 pm	Lunch (on your own)
1:30 – 3:15 pm	Afternoon Paper Session
3:15 – 3:30 pm	Afternoon Break
3:30 – 5:00 pm	Michigan Chapter Business Meeting
6:00 – 10:00 pm	Dinner (provided) and Social

Wednesday, February 14 th	
8:00 – 10:00 am	Morning Paper Session
10:00 – 10:15 am	Morning Break
10:15 – 12:00 am	Morning Paper Session
12:00 – 2:30 pm	Lunch (provided) and Student Award Presentations



Janice Lee Fenske Memorial Award



The purpose of the Janice Lee Fenske Memorial Award is to recognize undergraduate and graduate students for their achievements in the fields of fisheries or wildlife management and encourage their participation in professional societies and conferences. Since 2005, the annual award ceremony held during the Midwest Fish and Wildlife Conference has recognized nearly 300 students from 43 different universities, 16 states, and 1 Canadian province.

The 2017 award ceremony took place in Lincoln, Nebraska on February 6 and recognized 26 student finalists from 14 different universities and 10 states. The following two students were recognized as the 2017 Fenske Award recipients:

Elisa Baebler– Fisheries

Elisa received her B.S. from Colorado State University and is working on her M.S. at the University of Missouri-Columbia where she is studying movement rates and habitat selection of fish downstream of a hydroelectric dam to determine implications of stream flow. Her work experience includes serving as a Stream Flow Biologist for the Missouri Department of Conservation and leading field crews investigating effects of nutrients on small streams in Idaho.

Elisa is active in the American Fisheries Society including the Missouri Chapter, and served on the 2016 annual meeting's Poster Committee. She is also Treasurer of the Wildlife and Fisheries Graduate Student Organization at the University of Missouri.



William Severud– Wildlife

Bill earned his B.A. from Carleton College, M.S. from Northern Michigan University, and is working on his Ph.D. at the University of Minnesota Twin Cities where his research focuses on factors affecting the decline of northeastern Minnesota's moose population. His experiences range from bees to whiptail lizards to prairie dogs to beaver – and even include the “other” discipline with time spent on marine species and freshwater mussels.

Bill is an active member of The Wildlife Society, including the North Central Section, Minnesota Chapter, and Spatial Ecology and Telemetry Working Group. He also serves as the Regional Representative for the Minnesota Chapter where he represents regional issues on the State Governing Boards and assists with membership recruitment and workshops.



Special thanks goes to the following individuals from the Nebraska and Michigan Chapters of the American Fisheries Society and The Wildlife Society, and the Midwest Fish and Wildlife Conference Committee: Chris Chizinski, Robin DeBruyne, Patrick Ertel, Holly Jennings, Tamara Lipsey, Jim Schneider, Mark Tonello, Jay Wesley, and David Williams.

This award was made possible through organizational and financial contributions from:

- 2017 Midwest Fish and Wildlife Conference Committee
- American Fisheries Society- North Central Division, Nebraska and Michigan Chapters
- The Wildlife Society- Nebraska and Michigan Chapters

Jessica Mistak, Chair



2017 MIAFS Chapter Award Winners

Albert S. Hazzard Award

To recognize excellence in student research in fisheries or aquatic biology at a college or university in Michigan. The award is named in honor of Dr. Albert S. Hazzard (1901-1979). **There were no nominations for the 2017 Annual Meeting.**

Justin W. Leonard Award

To recognize outstanding professional competence and achievement of a professional employed in the field of fisheries or aquatic biology in Michigan. The name of the award is in honor of Dr. Justin W. Leonard (1909-1975), Professor of Natural Resources and Zoology, University of Michigan. **There were no nominations for the 2017 Annual Meeting.**

Grayling Award

To recognize outstanding contribution(s) to Michigan's fishery related resources, to Michigan's fishery profession, or to the Michigan Chapter by a person, industry, agency, or organization.

There were no nominations for the 2017 Annual Meeting.

MIAFS President Certificate of Appreciation

Ed Roseman received a Certificate of Appreciation from the American Fisheries Society for his service as President of the Michigan Chapter of the American Fisheries Society.

Best Student Paper, Poster Display – MIAFS 2017 Chapter Meeting

Poster: Courtney Steinmetz , Lake Superior State University, “Preliminary investigation into the effect of microbeads on growth of juvenile Atlantic salmon”.

Paper: Andrew Carlson, Michigan State University, ““In the footsteps of a heroine: honoring Janice Lee Fenske’s trout management legacy”.

For a number of years now, we have some awards that receive **NO NOMINATIONS!** This is absurd—we have over 250 active Chapter members out there who are doing great things every single day.

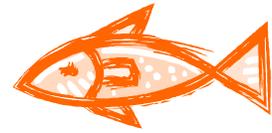
Nominate a student, friend, or colleague for one of the MIAFS Chapter Awards. Follow the hyperlinks below to view the eligibility criteria and to find how what is required to nominate someone!

Albert S. Hazzard Award (http://www.fisheriessociety.org/miafs/ahazz_award.html)

Justin W. Leonard Award (http://www.fisheriessociety.org/miafs/jleo_award.html)

The Grayling Award (http://www.fisheriessociety.org/miafs/gray_award.html)

MIAFS Technology Update



The MIAFS webpage is hosted on the parent society servers under the url – <http://michigan.fisheries.org/> - check it out! You can use this page to post job openings, find contact information for your officers, see meeting announcements, and so much more. Don't forget you can always hit the Chapter up on its Facebook page as well; <https://www.facebook.com/MichiganAFS/>. These two tools are YOURS to use– share information, post, start conversations– that's what they are there for!

Justin Chiotti is the webmaster for the Chapter webpage. If you have anything you would like added to the site, please send Justin an email @ justin_chiotti@fws.gov.

2017 Business Meeting Notes



The meeting notes from the 2017 AFS Business Meeting are now available on our web page, at <http://michigan.fisheries.org/past-meetings/>
Hard copies will also be distributed at our upcoming 2018 Chapter Business Meeting in Port Huron.

An Introduction to R: Getting Comfortable with the Basics

A continuing education course sponsored by the Michigan Chapter of the American Fisheries Society
Instructed by Richard Erickson from the USGS and Dr. Eric Eager from University of Wisconsin - La Crosse

January 20th and 21st, 2018– Traverse City

Class size is limited to 30 participants. There are still about 8 open seats! Registration has been extended to fill those seats– contact Dan Traynor today at traynord@michigan.gov to attend.



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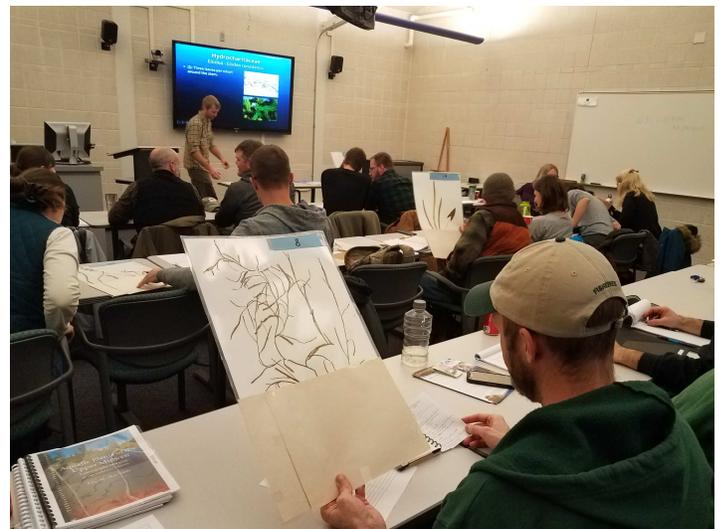


Continuing Education Update

The Michigan Chapter of the American Fisheries Society hosted two continuing education workshops in 2017. The first workshop, Fish Population Estimation, was held in conjunction with the Chapter's annual meeting in Mackinaw City on March 14th. The workshop was instructed by Dr. Daniel Hayes from Michigan State University and drew 24 participants. The second workshop, Aquatic Plants of Northern Michigan, was held in Gaylord on December 14th. The workshop, instructed by Matt Claucherty from the Tip of the Mitt Watershed Council, was very popular with 25 participants registered and 17 more on the waiting list. Inclement weather was a factor though and attendance dropped to 20. A third workshop, Identification of Great Lakes Fishes, was also scheduled but later cancelled due to a low number of registrations.

In hopes of increasing student participation MIAFS is continuing to hold 25% of all workshop seats for free student registrations. Unfortunately this program is still being underutilized so if you're a student consider applying for free registration! Of the 24 participants at the Fish Population Estimation Workshop five were students and only two applied for the five available free seats. Results were similar at the Aquatic Plants of Northern Michigan workshop. Free registration for all students was included but only five attended.

The Continuing Education Committee plans to host several workshops in 2018. The first workshop, An Introduction to R: Getting Comfortable with the Basics, will be held in Traverse City on January 20th and 21st. The workshop will be instructed by Richard Erickson from the USGS and Dr. Eric Eager from University of Wisconsin – La Crosse, and is scheduled on a weekend in hopes of increasing student participation. Other proposed workshops for the upcoming year are nongame fish identification, freshwater mussel identification, and aquatic plant identification. As always, if you have ideas for courses you would like to see offered or are interested in teaching a course please contact Dan Traynor at traynord@michigan.gov or Stacey Ireland at sireland@usgs.gov. Suggestions for future courses are always appreciated!



From the Field... Past President Adventures with Ed Roseman

Happy New Year to all! I'd like to share some of my favorite fisheries memories from 2017. To begin, I enjoyed the interdisciplinary partnerships that we have developed across agencies, across borders, with universities, with NGOs, and with our citizen constituents that allow us to effectively conduct our work in an era of economic uncertainty. Our science would lack stature, rigor, and integrity without the representation of our partners. Thank you to all who I have the pleasure and privilege to work with.

In fall of the 2017, US Geological Survey Great Lakes Science Center and University of Toledo hosted two fisheries biologist from Finland. Drs. Lari Veneranta and Erkki Jokikokko from the Natural Resources Institute Finland (Luke) spent a few days at the GLSC prior to attending the 13th International Coregonid Symposium in Bayfield, WI. They delivered seminars at the GLSC describing the coregonine research and restoration work they conduct in Finland. They face many of the same issues that we deal with here in the Great Lakes to include exploitation, habitat degradation, climate impacts, and invasive species (yes, the round goby is creeping up the Baltic!). We took Lari and Erkki on a guided boat tour of the Detroit River to visit restored spawning reefs (<http://graham.umich.edu/project/restoring-fish-spawning-habitat-st-clair-and-detroit-rivers>), restored island shorelines (<http://www.detroitriver.org/projects/stony-and-celeron-island-habitat-restoration.php>), and the Detroit RiverFront (<http://www.detroitriverfront.org/>).

On the drive to Bayfield, we visited Lake Superior State University's Aquatic Research Laboratory (<https://www.lssu.edu/aquatic-research-laboratory/>) to get a first-hand look at the Atlantic salmon rearing center with Roger Greil and Dr. Kevin Kapuscinski. Erkki's Ph.D. research focused on Atlantic salmon in the Baltic region, so this was a special treat for him to talk about salmon with Roger and Kevin. Next we drove to the US Fish and Wildlife Service's Pendills Creek National Fish Hatchery (<https://www.fws.gov/midwest/pendillscreek/index.html>) and the good fortune to see the mass-marking trailer in operation. Hatchery staff were very generous with their time and we spent over an hour watching the operation as well as getting a guided tour of the facility. The rest of our ride to Bayfield was filled with stops along the Lake Superior shoreline, a few tourist traps, and we arrived at the Coregonid workshop in time for the happy hour social!

I've enclosed a few pictures from our trip. In closing, I want to thank you all again for the opportunity to serve our Chapter and to be so fortunate to work with many of you. Best wishes in the New Year! See you on the water.





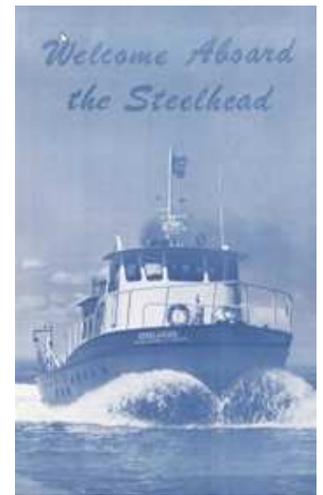
From the Field... MDNR Charlevoix Research Station

The new year marks a time to make resolutions for the future, as well as to reflect back on past accomplishments. With the close of 2017 and the start of a new year, MDNR Fisheries Division staff in Charlevoix are celebrating 50 years as a Great Lakes Research Station, and reflecting back on the people who've worked here, the great work that's been done, and the difference we've been able to make in management of the greatest freshwater system on earth.

The building that houses the Charlevoix Fisheries Research Station was constructed by the U.S. Bureau of Fisheries in 1918 “to handle propagation of commercial fish for the Michigan Section.” With the construction of the federal Jordan River Hatchery, the Charlevoix building was declared surplus and was transferred to the Michigan Department of Conservation in 1967. That same year, construction of the S/V *Steelhead* was nearing completion at T. D. Vinette Company shipyards in Escanaba, Michigan.

On May 2nd we'll celebrate 50 years since the dedication of our facility as a Great Lakes research station. 1968 was also the first year of fisheries assessment operations for the S/V *Steelhead*. This first year of operations is documented in an amazing book titled “*The Salmon Hunters*”, written and illustrated by the first captain of the *Steelhead*, William J. Palmer.

At the Midwest Fish and Wildlife conference in 2016, we recognized notable Michigan fisheries professionals at a special symposium, “Legends and Legacies: Michigan’s Fishery Research and Management.” Many of those professionals left their mark in Charlevoix...people like Myrl Keller, Richard Schorfhaar, and Jan Fenske, to name just a few. As a result of the great dedication and vision of the early staff of the Charlevoix, Alpena, Marquette, and Lake St. Clair MDNR research stations, we now have a standardized Great Lakes fisheries program that rivals any freshwater assessment program in North America. Our vessel crews are well-trained, highly skilled, and hard working. Our biologists are widely recognized for their scientific knowledge, their collaborative abilities, and their strong awareness of the importance of these amazing fisheries to the public. Our Great Lakes stations and vessels are truly the foundation of Great Lakes fisheries management, and we're looking forward with anticipation to what the next 50 years will bring!



2017 Election: Presidential Candidate

Jan-Michael Hessenauer

I am a fisheries research biologist for the Michigan Department of Natural Resources at the Lake St. Clair Fisheries Research Station in Harrison Township, Michigan. I conduct fisheries research projects on Michigan's Great Lakes waters from Saginaw Bay to Lake Erie, and also coordinate Michigan's inland Stream Status and Trends program. My research interests are primarily focused on understanding the effects of human activity on fish populations and communities.

I earned my Ph.D. at the University of Connecticut in 2015. My dissertation research compared unexploited Largemouth Bass populations with exploited populations in terms of physiology, genetics, and fish performance. I completed both my bachelor's (2008) and master's (2011) degrees at Michigan State University. My master's research studied the effects of spring fishing on the contribution of individual nesting Largemouth Bass to recruitment. I have published articles in a broad range of journals including *NAJFM*, *TAFS*, *PLOS one* and *Environmental Management* and served as a referee for numerous journals across the fisheries field.

I joined the American Fisheries Society while working on my master's degree, and have benefited tremendously from my membership both professionally and personally. I have been involved with several different sections and chapters in AFS and have served previously as a representative to the student subsection for the Northeast Division and was president of the University of Connecticut student sub-chapter. If elected, my goal would be maintain Michigan AFS's excellent reputation, provide relevant and useful continuing education opportunities, and provide support and networking opportunities for our student members. I also believe it is vital for Michigan AFS to seek out and engage with our members and potential members across a variety of media, including social media .





2017 Election: Secretary/Treasurer Candidate

Emily K. Martin

I am the lead inland fish & wildlife biologist for Bay Mills Indian Community in Brimley, MI. I am responsible for developing and implementing the inland biology program at Bay Mills, which is a relatively new program that started in 2015. In this position, I have conducted walleye population estimates and fish community assessments on small inland water bodies as well as a variety of wildlife and culturally important resource assessments. My background and primary interest is fisheries ecology/management, but while working at Bay Mills my interests have expanded to also include wildlife and forestry issues that are important to the tribe.

I received my Bachelor's Degree in Zoology from Northern Michigan University in 2011 and earned my Master's Degree in Biology (Conservation Emphasis) from Central Michigan University in 2013. As a graduate student, I studied the changes in the smallmouth bass population at Waugoshance Point over a 50 year period by comparing current data to the research completed by Carl Latta in the 1950s. I have worked as a summer employee for the Michigan DNR for my graduate research (2011-13) and prior to graduate school on lake sturgeon streamside hatchery facilities (2010). After graduate school, I worked for Lake Superior State University as an instructor teaching fisheries management, ichthyology, fisheries ecology, freshwater fish culture, and principles of watersheds. I also advised several students on their senior thesis projects while working at LSSU. After my one-year term at LSSU ended, I worked as the Environmental Specialist for Bay Mills Indian Community managing the Great Lakes Restoration Initiative tribal capacity and Clean Water Act Section 319 nonpoint source pollution programs before accepting my current position with Bay Mills.

I am excited about the opportunity to serve as the secretary-treasurer for Michigan Chapter of AFS and become more involved in the organization.



2017-2018 Chapter Officers

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Centrarchid Committee– Heather Dawson (hdawson@umflint.edu)
Communications Committee– Heather Hettinger (hettingerh@michigan.gov)
Continuing Education Committee– Dan Traynor (traynord@michigan.gov)
Fenske Award Committee– Jessica Mistak (mistakj@michigan.gov)
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Brad Utrup (utrupb@michigan.gov)
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Past Presidents Committee– Robin DeBruyne (rdebruyne@usgs.gov)
Program Committee– Justin Chiotti (justin_chiotti@fws.gov)
Resolutions Committee– Kevin Donner (kdonner@LTBBODAWA-NSN.GOV)
Rivers & Streams Committee– Chris Eilers (christopher.d.eilers@gmail.com)
Student Concerns– Trevor Dunn (tdunn@lssu.edu)
Water Quality Committee– Doug Bradley (dbradley@limno.com)

Need to know something about the Chapter?

Check out the MIAFS website at:
<http://www.fisheries.org/units/miafs/>



This newsletter is published annually by the Michigan Chapter of the American Fisheries Society Editor Heather Hettinger. Comments, suggestions, and submissions should be directed to hettingerh@michigan.gov

Not a member? Know someone who should be a member?

Being an active member of the Michigan Chapter of the American Fisheries Society will provide many opportunities to advance your growth as a fisheries professional and allow you to have a bigger impact on in the future of Michigan's fisheries. Our newsletter, email listserv, and the ability to network and connect with other fisheries professionals from local governments, academia, fish culture, the private sector, and even other states will keep you current with all of the latest techniques and issues.

You do not have to join the parent society to be a Michigan Chapter member and the annual \$10.00 membership fee is a great bargain.!

To become a member and pay dues visit the membership page:

http://www.fisheriessociety.org/miafs/afs_joinus.html

The Michigan Chapter of the American Fisheries Society is a professional organization interested in maintaining high standards for the fisheries profession and ensuring conservation of Michigan's aquatic resources. The Michigan Chapter was founded in 1973 as part of the North Central Division of AFS and currently represents over 430 members.