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Iowa Chapter of the American Fisheries Society

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Visit Iowa AFS on the web:

https://iowa.fisheries.org Visit the North Central Division AFS on the web: https://ncd.fisheries.org Check out Benefits of Parent Society Membership https://fisheries.org



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Our Mission:

To improve the conservation and sustainability of fishery resources and aquatic ecosystems by advancing fisheries and aquatic science and promoting the development of fisheries professionals.



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President's Corner Tyler Stubbs

Well it is that time of year again, spring is in the air one minute, and winter shows its face the next, and then it's right back to spring temperatures. I can't help but wonder what the fish think of these very large temperature swings each day. Our recent rains here in Des Moines have opened up most of the area's urban lakes and ponds, and the thought of casting a lure for the first time in months brings excitement!

With the upcoming open water season we all look forward to getting back outside more. Although the hours can be strange, I have definitely started to look forward to our annual Walleye and Muskie night sampling during the spring since I have started working here. I recently assisted the Boone crew with some gill net repair and couldn't help but think that we are only a short time away from picking through those nets we were just working on, time sure flies! It is nice to spend that time with a great group of colleagues who are all working together for a common goal. I always leave our spring sampling feeling.....tired, but excited for the future of our public fisheries in the state.

The Midwest Fish and Wildlife Conference held in Des Moines wrapped up in February. Many of you were involved in some capacity whether it was working with AV, moderating, sponsorships, hosting, planning, etc. over the last few months leading up to the conference. It was a large undertaking for many of our members and I heard nothing but great comments from attendees on how well things were running. Thank you to everyone who helped with the conference!

I want to thank all of you who were able to attend the 53rd annual Iowa Chapter AFS business meeting both in-person and online. We ran a little short on time but were able to touch on everything that needed some discussion and some ways to move forward. It was exciting to have lots of "New Business" as we prepared the agenda. That is a great sign that we are working to expand and be more effective as a group. A couple of items from our



meeting I wanted to mention specifically include chapter awards and chapter activities.

The idea of providing some additional awards to chapter members was brought up during our business meeting. Many chapters around the country provide a variety of professional awards for their members. We have so many deserving members within our chapter that routinely do great work, but rarely get recognized for their contributions. Coming up with some additional awards is something we are going to look into further as an EXCOM to let chapter members know their work is appreciated.

Additionally, another topic that was mentioned was the thought of having some activities for chapter members. Examples that were brought up included habitat projects, a chapter member virtual fishing tournament, etc. This is also something that is done in other chapters and seems like a good way to not only promote our chapter, but to also come together (students and professionals) for an activity as a chapter outside of our normal business meeting. If you have any other ideas or recommendations please contact an EXCOM member.

Lastly, I want to thank the ISU-subunit and the EXCOM for all of their hard work this last year. It truly is a team

President's Corner Con't

effort. If you have any interest in being a member of the EX-COM in the future, don't be afraid to throw your name in the hat, it is a lot of fun! A big thank you also goes to Darcy Cashatt who works to put together our newsletters each year. All of your work is greatly appreciated.

I hope everyone has a productive and safe spring sampling season, production season or whatever tasks this season of life has for you. Also, that you are able to find some time to get out and enjoy our natural resources this year. We are blessed to be able to enjoy many great spring activities in Iowa including but not limited to turkey hunting, mushroom hunting, shed hunting, camping, boating, hiking, and fishing. The spring community trout stockings are also right around the corner coming to a local pond near you! When you are out enjoying those activities remember to bring someone new along to experience the outdoors with you.

Iowa Chapter AFS Annual Meeting

Quick Meeting Follow-up



- 1. Kudos and thanks to Kyle Bales who has served many years as our Secretary/Treasurer!
- 2. Thanks also to Chris Larson, our past president who is now the Membership and Nominations committee chair.
- 3. Thank you to Jeff Kopaska who has carried out many unseen errands for the chapter (e.g., getting award plaques, having prints made and framed for special awards etc.).
- 4. Formal Call for Awards Committee volunteers, contact Rebecca Krogman.
- 5. Formal Call for Best Paper Committee volunteers, contact Chad Dolan .

For the complete recap of our recent annual meeting, see pages 11 - 13!

Rebecca Krogman

Tyler Stubbs

Gray Literature Database hosted on the AFS Website

literature is not peer reviewed and contains informal and "white paper"



advisory panel that was successful in getting Multi-State Conservation Grant Program (MSCG) funding for the project in both submissions of gray literature documents. Funding is currently being used to refine the interface, making it more useable, and

A very short test drive resulted in fast registration and intuitive searches that brought up quite a few documents considering that only a limited number of state agencies have uploaded literature through 2000, with more agencies currently

you would like to join this effort.

a professional service. Although anyone can use it, the database was created using funding and time from AFS members and

pointer point

From Days Gone By — Clear Lake Fish Hatchery

Vance Polton, Lake Darling Fisheries Management Tech II, IA DNR

Turning 100 this year is the Clear Lake Fisheries Station. The station got its start as a part-time hatchery in May of 1922, construction having been completed just before Christmas in 1921 at a cost of \$10,000. The hatchery's first season was a

successful one with a production of ten million walleye fry. Oddly enough these fry were not hatched from eggs collected from Clear Lake but from eggs that had been shipped to it from Bay City, Michigan. The plan had been to just "test run" the new hatchery facilities the first season and to start collecting eggs from Clear Lake the following 1923 season.

As I mentioned earlier the Station was originally built as a "part-time" hatchery. During the early years of the station, just before the walleye spawn started a crew from the Spirit Lake Hatchery would come down and open up the facilities, net the fish, tend to the collected eggs, and stock the fry after they hatched; they then closed the Clear Lake operation down, locked the doors, and traveled back up to the Spirit Lake Hatchery to tend to their duties there. The Clear Lake Hatchery was very much a "seasonal" facility back in those early days. As

Clear Lake Fish Hatchery circa 1927



in modern times the Clear Lake Station was a popular place to visit during the walleye spawning operation with as many as 1,300 visitors stopping by on a given Sunday afternoon in 1927.



During the "closed" season, a caretaker was hired to do maintenance and keep up the hatchery grounds which served as a

lake-side park for the Clear Lake community. The fountain in the photo along with a permanent house for the caretaker had been promised to the city as part of the development back in 1921 were added in 1927. During a renovation of the facilities in 1964 the two lower buildings along with the decorative fountain were removed.



Cyclone Corner

AMERICAN

FISHERIES

HERICAN

SOCIETY

AT IOWA STATE UNIVERSIT



Marcus Prull, President

(Like us on Facebook, search @ISUAFS)

As we ended 2021 and moved into 2022 our members have had a variety of activities and events to participate in. We closed out 2021 by hosting a fish trivia night. We had a great turnout and had a very

tight race for the first place finishers! Since 2022 started we have had Tyler Stubbs talk to us about urban pond management, stocking, and design followed by a graduate student panel. Our latest meeting entailed a fish fry where we all sat down, enjoyed some food, and got to know each other better. Some of our members also attended the 2022 Fish and Wildlife conference in Des Moines. It was a great experience for everybody involved. The officers and I hope to continue to host some exciting meetings/events and hopefully spend some time outside as it warms up a bit.

The current officers are:

-President: Marcus Prull -Vice President: Devin Miller -Treasurer: Evan Brennan -Secretary: TBD



Cyclone Corner

More New Faces and Research Projects at Iowa State

Hello all! We welcomed a number of new people to NREM and would like to provide the opportunity for you to get to know them. Here is a bit about who they are and what they are working on!

Michael Weber

My name is Brandt Boekhout and I joined the Weber Lab at ISU as a MS student in August 2021. I grew up in

Rock Rapids, IA and have always loved the outdoors. After high school, I attended South Dakota State University where I received a Bachelor of Science in Wildlife and Fisheries Sciences in May 2021. While at SDSU, I spent three summers as a fisheries intern with South Dakota Game, Fish & Parks in Rapid City, SD. I was also very active in the SDSU AFS student subunit, serving as secretary/social media manager for a year. Those internships and the SDSU AFS subunit provided me with valuable experience and professional networking that helped lead me to where I am today. At Iowa State, I am using acoustic telemetry to study Silver Carp movement and survival in the Des Moines, Iowa, and Cedar rivers. With much appreciated help from the Iowa DNR, we were able to deploy all but two of my receivers and tag all of my fish in the Des Moines River during Fall 2021. This spring, I will deploy



the last two receivers and tag the rest of my fish in the Iowa and Cedar rivers.



My name is Annika Preheim and I joined the Weber Lab as a Master's student in January 2022. In May 2021, I graduated from North Carolina State University with a Bachelor of Science in Zoology and concentrations in applied ecology and ichthyology. As an undergraduate, I assisted a postdoctoral researcher with a project investigating drivers of blue crab larval recruitment in seagrass beds off the NC coast, as well as conducted my own independent study on the effects of small-scale dairy farm runoff on nutrient levels and creek chubs in first order streams. After graduating, I held a 6-month seasonal fisheries position with the Iowa Department of Natural Resources at the Spirit Lake Fish Hatchery, which reinforced my love for nongame fishes and their conservation. At Iowa State, I will be studying larval fish assemblages in the upper Missouri River basin, with a

focus on invasive Silver and Bighead Carp reproduction in tributaries.

New Faces and Research at Iowa State University (continued)



My name is Annika Richards and I am a first semester Masters student in Dr. Weber and Dr. Roe's labs. I graduated from York College of Pennsylvania in December 2021 with a Bachelor of Science in Biology with a concentration in Ecology and Conservation. During my undergraduate education, I had the opportunity to work with both the Pennsylvania DCNR and the Maryland DNR surveying Bog Turtles, a federally endangered species. I also had the privilege of conducting my own research on the impact of human disturbance on the basking habits of freshwater turtles with emphasis on the near-threatened Northern Red-bellied Cooter. I have a strong interest in exploring how human activity affects wetland and aquatic communities. My thesis research at ISU involves determining the effects of experimental flows on the distribution, recruitment, and survival of freshwater mussels in the Des Moines River below Red Rock Dam. This study will provide insights on the response of freshwater mussels to operational activities detailed in the Des Moines River Monitoring and Adaptive Management Plan (DSMR MAMP).

My name is **Seth Renner** and I recently joined the Weber Lab at ISU in January 2022. I am originally from the small town of Litchfield, Minnesota where my passion for the outdoors first started. I grew up as an avid outdoorsman and spent most of my free time hunting, fishing, and exploring what nature had to offer. Growing up in the Land of 10,000 Lakes augmented my passion for the outdoors and more specifically, fisheries. I attended Bemidji State University where I received a Bachelor of Science in Aquatic Biology (Fisheries Emphasis) in December 2020. As an undergraduate, I had the opportunity to work on an acoustic telemetry research project evaluating diel movement of Burbot within a northern Minnesota lake. Through internships and seasonal positions, I worked for the Minnesota Department of Natural Resources while gaining experience in



cold-water fish production and fisheries management. My thesis at Iowa State University will be examining invasive carp movement within the Little Sioux River in Northwest Iowa using acoustic telemetry. One of the goals of this project is to establish whether invasive carp populations found in the river are residents, transients, or both as well as their occurrence at the electric barrier at Lower Gar Lake.

New Faces and Research at Iowa State University (continued)



My name is **Eli Lagacy** and I am a new MS student in the Weber Lab at ISU. I am originally from Massachusetts and received my Bachelor of Science from the University of Massachusetts, Amherst in 2019. While working on my BS degree, I was part of the Coop Fish and Wildlife Unit and researched the effects of dam removals on benthic macroinvertebrates. I have also worked two seasonal positions with the Massachusetts Division of Fisheries and Wildlife and the Connecticut Department of Energy and Environmental Protection as a fisheries technician. In these roles. I obtained a lot of valuable experience boat and backpack electrofishing, gill netting, and hoop netting.

When I was young, my father instilled a love for the outdoors and I grew up fishing, hunting, hiking, camping, and birding but enjoyed fishing the most and decided to make a career out of it! Growing up I mostly enjoyed kayak fishing for bass and panfish (my favorite fish is the Pumpkinseed) along with ice-fishing in the winter but I have also begun fly fishing the last couple years. My research interests revolve around stream and small river ecosystems, riparian buffers, and landscape-scale effects on habitat and fish assemblages. Therefore, I was excited to join the Weber Lab on a project researching stream fish assemblages and juvenile invasive carp within Missouri River tributaries in western Iowa.



Upcoming Professional Meetings and Training Opportunities

- Joint Aquatic Sciences Meeting (JASM). May 14 20, 2022. Grand Rapids, Michigan. Early bird registration closes April 1st.
- AFS Fish Health Section Western Fish Disease Workshop. May 16 18, 2022. Hood River, Oregon.
- Planning & Executing Successful Rotenone & Antimycin Projects. May 23—27, 2022. Logan, Utah.
- Fish Passage 2022: International Conference on River Connectivity. June 13—16, 2022. Richland Washington.
- Joint Walleye-Esocid-Centrarchid-Ictalurid Technical Committees Meeting of North Central Division AFS. July 18 20 or 21, 2022. Lakeside Lab, Milford, Iowa. Will likely include a continuing education course in the afternoon of day one.
- American Fisheries Society 152nd Annual Meeting. August 21-25. Spokane, Washington. Registration opening soon.
- Wild Trout Symposium XIII. September 27 30, 2022. West Yellowstone, Montana.
- **76th Annual Conference of the Southeastern Association of Fish and Wildlife Agencies.** SAVE THE DATE! October 23—26, 2022. Charleston, West Virginia.

Fishes & Dishes

Sharing the fun stuff!!

Stuffed Philly Loaf

Slice a loaf of French bread in half (horizontal cut). Set the top aside, and scoop bread out of the bottom half to make a well.

Brown 1# ground deer and 2 T chopped onion in a skillet.

Add 1/2 C chopped celery and 1 tsp minced garlic, and sauté 2 min.

Add 1 can cream of mushroom, 2 T milk, 2 T Worcestershire sauce, 1/4 tsp salt, and 1/8 tsp black pepper to the skillet, and mix. Remove from heat, and stir in bread crumbs from center of loaf.

Spread filling evenly over bottom half of loaf. Top with 1 1/2 c shredded cheddar cheese, then with top half of bread.

Bake 10-15 min at 350*F.

Submitted by Rebecca Krogman









Kinda looks like all fish are caught by folks in or from SE lowal?!? Prove that I screwed upl No pressure!



Rathbun Wipers Mike Weber & Mark Flammang



Chapter of the American Fisheries Society 53rd Annual Business Meeting. Agenda & Notes Midwest Fish and Wildlife Conference Tuesday, February 15, 2022, 5:00 PM Hilton Des Moines Downtown, Des Moines, IA

I. Call to Order

a. The meeting was called to order by president Tyler Stubbs. The EXCOM was introduced: Past-President: Chris Larson, President-Elect: Rebecca Krogman, Secretary/Treasurer: Seth Fopma. The quorum was determined and was present.

II. 2021 Business Meeting Minutes were approved.

II. Treasurer's Report, Seth Fopma

The chapter started report period (2/16/2021) with a balance of \$13809.74 (\$3,100.38 in the warm water account and \$0 in Mike Mason Memorial Fund, resulting in \$10,709.36 available for AFS). Disbursements since the last financial report equaled \$2,735.67 and receipts equaled \$2,616.76.

The annual meeting, donation, 2021 dues, raffle along with parent society returns brought in \$2601.35. The annual meeting had \$273.35 in expenses. Raffle proceeds from the 2021 IA AFS meeting were split with the ISU Student Subunit for an amount of \$658.01. Money brought in minus total expenses and ISU split resulted in a total profit of \$658.01.

As for the other accounts that funnel through our account. The warm water account had no changes this year and ended with a balance of \$3,100.38. The Mike Mason fund has been depleted and the balance remains at \$0.

Other noteworthy expenditures included charges related to the 2022 Midwest Fish and Wildlife Conference, conference raffle prizes (\$544.19), conference t-shirts (\$904.74). Membership in Iowa Environmental Council for 2022 (\$100.00).

All account activity resulted in a balance of \$13,690.83 on 2/3/2022. The Warm Water Account has \$3,100.38; Mike Mason Memorial Fund has \$0.00, resulting in an AFS available balance of \$10,590.45.

This was noted as the last time that the Mike Mason Memorial Fund will be included in the treasurer's report unless there is activity that causes a change in the balance of the account from \$0.00.

II. Committee Reports

Committee reports were requested by the EXCOM prior to the 2022 business meeting. All reports receive by the EXCOM prior to the requested date were compiled and distributed to the membership prior to the meeting. Comments revolving around reports at the 2022 business meeting referenced that document and did not expand upon the reports already received by the EXCOM and distributed to the membership.

II. Presentation of Awards

- a. Chris Larson was presented with the Past-President Award.
- b. Kyle Bales was recognized for his service to the Iowa Chapter and an award was discussed in recognition of that service. The EXCOM conferred and an award will be procured and awarded at a future meeting.

Iowa Chapter AFS 53rd Annual Meeting ...(continued, 2nd page)

c. Additional Awards

The EXCOM opened the floor to the discussion of establishing more professional awards to recognize chapter members for their service.

i. Jeff Kopaska suggested that the awards should focus on the service of membership and that the recognition of our peers should be a priority of the chapter.

VI. New Business

a. Rathbun theatre

Thank you to James Harle, Iowa Audio & Video

An award has been procured to than James Harle for the work he did on the Rathbun Hatchery. This work was done at a discounted rate and we should thank him. The award will be given to Darcy C. and she will ensure that it is presented to him.

b. Future Iowa Chapter Event ideas

Discussion reflected that the chapter could to do better to interact with membership outside of the annual meeting. Also that the chapter should work to engage with local stakeholders to facilitate local recognition and support.

c. New Logo

- i) AFS and NCD have both updated logos recently. It would be appropriate to update the Iowa Chapter logo to reflect the changes and stay current.
- ii) Jeff Kopaska suggested that the students and membership could work to develop a new logo rather than out-sourcing.
- iii) A completion could be held to help select the new logo, there was general support for this and logo development will move forward as led by the EXCOM.

d. AFS Fisheries Grant timeline

- i) Seth Fopma opened discussion suggesting an edit to the Iowa Chapter current grant structure. Grants should expire 1 year from date of award. This would simplify accounting and make grant administration more efficient.
 - 1. A motion in support was proposed by Ryan Hupfeld. Seconded by Chris Larson and Ben Wallace. Motion was passed without dissent.

e. Iowa AFS Chapter Webmaster

- i. Kyle Bales stepped away from his role as Webmaster in 2021. A need for a new webmaster resulted in Rebecca Krogman and Seth Fopma serving as temporary Webmasters. Discussion was held suggesting that there should always be two webmasters for the chapter website and that those duties would be tied to the secretary/ treasurer role moving forward.
- ii. Two Iowa State students volunteered to help facilitate the website moving forward: Madeline Lewis and Annika Preheim

f. State fish of Iowa

- i. Jeff Kopaska opened discussion on the current status of the Fish of Iowa completion held by the Iowa Chapter.
 Little progress has occurred since the 2021 meeting and we should be very intentional moving forward. It is too late to include our recommendations in this legislative session but we should be able to before the next session.
- ii. 4 videos are posted on the chapter website and a vote from membership should be used to prioritize the top 2 for submission.
- iii. Chris Larson Suggested that we should wait to develop the new Iowa Chapter Logo until we select a State fish for

Iowa Chapter AFS 53rd Annual Meeting ... (continued, 3rd page)

possible inclusion.

- iv. Rebecca Krogman asked if we should consider have a game and non-game state fish.
 - 1. State fish are generally predictable but some states have multiple fish and that may be worth considering.
 - 2. This was generally supported by membership.
- v. Scott Gummer inquired about the processes other states use to select state fish.
 - 1. The answer is it varies across states but ultimately it goes through the state legislature for approval.

g. Iowa State Scholarship Status

- i. The EXCOM has been in contact with representatives from ISU inquiring about the selection criteria of the annual scholarship funded by the chapter.
 - 1. While recent conversations have indicated that the chapter can provide more restrictions on the scholarship to ensure that it goes to a member of the subunit, the burden of proof of membership would fall on the chapter.
 - 2. The topic was opened to discussion:
 - a) Seth Fopma suggested that the scholarship should not inherently be limited to the subunit or ISU and that the scholarship could be administered through the chapter.
 - b) Chris Larson was hesitant to directly remove the subunit requirement from the scholarship criteria.
 - c) Ben Wallace asked if non ISU students could join the ISU subunit? Dr. Weber weighed in that since the ISU subunit is an affiliated student organization with the university it is unlikely that non-ISU students would be able to join.
 - d) A new awards Committee Was suggested to redefine scholarship guidelines and make recommendations about the future of student awards.
- ii. A new awards committee was suggested
 - 1. Volunteers:
 - a) Ryan Hupfeld, Dr. Weber and Kyle Bales.
 - b) Current EXCOM Members (Stubbs, Fopma, Krogman, Larson)
 - 2. This committee would work developing new chapter awards, revising the ISU scholarship and potentially selecting award winners in the future.

VII. Other new business

- a. Jonathan Meerbeek- the 2022 WTC meeting would be held at Iowa Lakeside Lab during the summer of 2022 and that this would be a good opportunity for the ISU subunit to make some money.
- b. Rebecca Krogman There is a large fund available for continuing education at the parent society level. It would be good to use that money in some way to benefit the continuing education efforts of the Iowa Chapter.
 - i. Ryan Hupfeld and Seth Fopma are the chairs of the Continuing Education committee and will work together to explore opportunities to use this money.
- IX. Meeting was moved to adjournment by President Tyler Stubbs. The motion was carried with unanimous support.



Application form

Fisheries Project Grant

Iowa Chapter – American Fisheries Society

Project Name:
Project Description:
Attach map or supplementary information
Project Location:
Water Body:
Address:
County:
Start Date: End Date:
Project Personnel:
Fisheries Benefits:
Iowa Chapter Representative:
Amount needed: \$ Total project cost: \$
Money will be used for:
Up to \$1,000.00 per project.
Approved by Excom Committee Date:

(Continued on next page)

Fisheries Project Grant Application Form Instructions

The Iowa Chapter of the American Fisheries Society is offering to help finance worthwhile fisheries related projects. The completed application form needs to be transferred to the Iowa Chapter President by an Iowa Chapter Member.

Project Name – Give the project name.

<u>Project Description</u> – Give a brief review of the intended project. Include the work to be done, the methods and material that will be used in the project.

Attach a map and any supplementary information that you think will help the Excom Committee evaluate the project.

<u>Project Location</u> – Where will the work be done.

Start and End dates for the project. Month and calendar year will do.

Project Personnel – Include organizations and or individuals who will be directly involved in the work.

<u>Fisheries Benefits</u> – A very important part of the project should be direct benefits to Iowa's fishery. How does the project help and who is the beneficiary?

Iowa Chapter Representative – All projects need to have and Iowa Chapter member as a sponsor.

<u>Amount needed</u> – Tell us how much you need and the total project cost. There is a \$1,000.00 limit for each project.

<u>Money will be used for</u> – Be as specific as you can. Will the money be used to hire people, buy, equipment, be seed money for a grant, etc.

The Excom Committee of the Iowa Chapter will review the application and approve or reject the request.