



Gill Raker Gazette

The Newsletter of the Idaho Chapter of the
American Fisheries Society

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Editor: Brett High

President's Message - Perspectives



Clearly this picture is not of me, I'm a little older than that. It's of my daughter on her first backpacking trip: a two-night Solo Adventure with Mom down Marsh Creek this September. Despite there not being a fish or a fishing rod anywhere on our outing, my little one learned a lot about fish – she got a taste of why these big, wild, public tracts of land are so important; saw that fires and avalanches can be part of a process that builds good fish habitat; and was awed by hiking into a native Chinook salmon stream along one of their longest spawning migrations in the lower 48. These details are things we in the fisheries profession already know, and I know many of you get out there with your kids or friends and family all the time. As for me, it's only been on later reflection that I realized how much my daughter taught me over the two days and that I grasped, especially, the extent to which our conversations and connection were fueled not by a focus on fish per se, or the fact that we are family, but by a love of nature and the fact that we are both females. Since September that realization has made wonder how we, ICAFS, could think broadly about the different aspects of our field and whether there are other important

things we can do to help engage a more diverse membership.

We all think differently and come to this field for various reasons: some focus on the fish or biology, some on the research, some on the educational opportunities, aquaculture, habitat, conservation or policy, to name only a few aspects of what we do. Our chapter, largely through our annual meeting, committees, and student sub-units, does a wonderful job providing diverse opportunities for our members that likely encourage disciplinary diversity. But this kind of variety still doesn't hit some key needs for supporting and recruiting other diversity components outlined in the AFS 5-year strategic plan, such as "gender, ethnic, and cultural diversity". We've certainly made progress on fostering gender diversity at ICAFS, but there is still more to do on that and other aspects of diversity. There's a lot going on throughout our Society that might provide guidance and opportunities. Improving diversity has become an increasing focus for AFS, WDAFS and several chapters like Oregon, who have formalized a standing committee and hosted focal workshops and trainings to explore how to support and achieve a more diverse membership. In case you missed it, there is also a wonderful article in the August issue of Fisheries by Penaluna et al. (2017, with our very own Christine Moffit as a coauthor) entitled "Nine Proposed Action Areas to Enhance Diversity and Inclusion in the American Fisheries Society" I encourage you to read (see also Arismendi, I., and B. E. Penaluna. 2016. Examining Diversity Inequities in Fisheries Science: a call to action" in BioScience.) For now, I've pasted below the 9 actions they outline, as I think we could learn a great deal from them:

1. **Entrench diversity and inclusion as core value of AFS.**
2. **Undertake self-reflection and evaluation.**
3. **Identify and eliminate structural biases.**
4. **Promote diverse talent into leadership roles and prepare leaders to be agents of change.**
5. **Develop targeted sessions on communication, inclusion, and recognition of unconscious bias at AFS meetings.**
6. **Highlight family-friendly opportunities at AFS meetings.**
7. **Incorporate diversity and inclusion in fisheries pipelines and programs, and at meetings.**
8. **Develop a diversity and inclusion scorecard for AFS and the fisheries workforce.**
9. **Establish equal opportunity committees within AFS units.**



President's Message - Continued

We shouldn't just be interested in increasing diversity and inclusion as a feel-good goal or because it's (obviously) the right thing to do: as Penaluna et al. summarize, diversity increases productivity, innovation and collaboration, and leads to better science. In short, the more diverse we are the better we will be. How do we get there? I have already started (admittedly, too slowly) to reach out to some of you to begin exploring this issue, and I would love to hear any-and-all ideas the rest of you might have for a productive path forward. So please, take some time to read the Penaluna article, contact me if you'd like to talk about your experiences, needs or ideas, and let's see if we can make even more progress on diversity to see even more different types of faces in our audiences down the road.

In the meantime, read on to learn about the emerging details of our 2018 meeting in Idaho Falls! With a theme focused on writing, it's sure to have broad appeal and engender fruitful interactions. Looking forward to seeing you there.

Helen Neville



SECOND CALL FOR ABSTRACTS, ICAFS 2018 IDAHO FALLS

Fish-Heads! Planning to give a presentation at the ICAFS 2018 meeting February 28-March 2 in Idaho Falls? If so, you'll need to submit an abstract. The presentation choices are poster, 20-minute talk and 5-minute IGNITE! talk. The deadline for abstract submission is Wednesday, December 20, 2017. Visit the ICAFS website (www.idahoafs.org/index.php), click on 2018 Annual

Meeting and select Mtg Info in the menu bar. In the drop-down menu, select Overall Meeting Info to get access to the Abstract Submission Form (350 word limit). Before submitting your abstract, please use the drop-down menu and read the guidelines for presenting a poster or talk, just so you know what is expected. When you submit your abstract, you should receive a confirmation containing the responses you gave in the form. Save the notification because you can edit your submission if necessary. You will be notified of acceptance by email before December 31. We look forward to receiving your abstract!

Rick Wilkison and Jim Reynolds, Program Co-Chairs



Theory and Techniques of Backpack Electrofishing

April 24–26, 2018 in Boise, Idaho

Instructor: Dr. Jim Reynolds

Presented by

Idaho Chapter of the American Fisheries Society

Electrofishing is one of the most common methods of sampling freshwater fish populations in North America. Proper balance between efficient sampling and minimal harm to fish is essential. This three-day course will combine classroom lecture with field exercises to give attendees the knowledge and experience they need to safely and effectively backpack electrofish in streams. The course will provide participants with a certificate of completion, not competence (competence is certified by employers).

Tuition is \$200 for professionals, \$100 for students (limit of six students). Professional rate is about one-fifth of what you would pay for this course when offered nationally.

Lectures will include such topics as: introduction to circuit principles; power transfer theory; electric waveforms; control unit demonstration; electric fields in water; fish behavior and welfare; electrofishing systems and safety; electrofishing efficiency factors; sampling techniques and problems; and standardized power.

To register, contact Kevin Meyer at 208-465-8404 or kevin.meyer@idfg.idaho.gov. Registration deadline: March 31, 2018. Absolute maximum class size is 24 people.

Hotel accommodations/lecture location will be communicated during registration.

Attendees should bring waders if at all possible. Attendees may also bring their own backpack electrofisher for inspection/instruction (please provide make/model when registering if you intend to bring a unit with you).



Palouse Unit Update

Student members of the Palouse Unit of the American Fisheries Society (PUAFS) have been extremely busy this autumn. Members have gained valuable hands-on experience with fisheries techniques, participated in one-on-one mentoring with graduate students, attended relevant lectures from local and visiting guest speakers, and engaged with the local community.

Despite inclement weather, members assisted the Idaho Department of Fish and Game (IDFG) with gill-net sampling in Lake Coeur d'Alene during mid-September. For several students, this was their first field experience! In November, twelve PUAFS members joined IDFG biologists from the Clearwater Region with hook-and-line sampling of White Sturgeon in Hells Canyon. Additionally, members have attended several fisheries related guest lectures and workshops. Dr. Michael Quist spoke in detail about the process of applying to graduate school and expectations he has for his graduate students. Later in the semester, PUAFS was lucky to have Dr. Steve McMullin, the current President of the American Fisheries Society (AFS), discuss how to prepare for a successful career



PUAFS member, Conor McClure, with a White Sturgeon caught in Hells Canyon.

Idaho Chapter Student Subunit Presidents



BYU-I Student Subunit President

Jason Spillet
Phone: 208-681-9692
jasonspillet@gmail.com



Palouse Student Subunit President

Shannon Blackburn
Phone: 206-718-0425
blac2622@uidaho.edu



Portneuf Student Subunit President

Adam Eckersell
Phone: 208-709-0444
eckeadam@isu.edu

Palouse Unit Continued

in fisheries. On November 14th – 17th, PUAFS hosted the 2017 Western Division of AFS Student Colloquium, in McCall, Idaho. The colloquium consisted of an 8-hour workshop on the Fish Stock Assessment package in R taught by its author, Dr. Derek Ogle, followed by a day of student presentations.



PUAFS members with current AFS President, Dr. Steve McMullin.

explained fish anatomy with freeze-dried fish heads, and assisted with fish-related arts and crafts.

So far, 2017 has been a fulfilling year for PUAFS and its members. We plan to maintain our momentum of promoting AFS's mission by providing members with exceptional professional development opportunities through an upcoming resume building workshop and continuing with mentoring, guest speakers, field trips, and community outreach events.

Members of PUAFS have also engaged in local outreach and educational activities. In October, PUAFS members participated in the University of Idaho's homecoming parade and the bi-annual stream clean-up of Paradise Creek. Over Halloween weekend, PUAFS volunteered with the Palouse-Clearwater Environmental Institute's Animals of the Night event to teach the local community about fishes. Members displayed "spooky" fish (e.g., lamprey, eels),



PUAFS member, Joel Medrano, holding a Northern Pike collected during Lake Coeur d'Alene sampling.

Portneuf Student Unit Update

With the onset of fall we are all back in school. Unfortunately this means less time for fishing and field work, SIKE! Many of our undergraduate members are taking a fly fishing class offered through ISU and have caught some great fish on flies that they barely learned how to tie. The graduate students of our unit have become serious weekend warriors making sure to get out in the field and keep on keeping on with the data collection. Two of our graduate student members are proposing their graduate work this spring and one graduate student is defending her graduate thesis this fall. The undergraduate students in our unit have been staying busy with field work associated with their classes as well. The undergraduate Fish Ecology class sampled Gibson Jack Creek, which recently had a culvert fixed to reconnect it to the Portneuf River. Fish are now able to move from the Portneuf River into this tributary and spawn which they previously were unable to do. Many of the students were surprised at the number and size of Brown Trout they were able to turn up via electroshocking this small tributary. Five of our club members were able to present posters of their research at the NSF MILES (Managing Idaho's Landscapes for Ecosystem Services) EPSCoR meeting hosted at Idaho State University this October.



Rachel Brinkley, James Paris, and Colden Baxter staying busy with field work on a side channel of the Snake River on the Fort Hall Bottoms.

Our unit has also been busy with community involvement. We have participated in two river cleanups this fall. The first river cleanup was a collaboration with the city of Pocatello to remove trash from the Portneuf River. Unfortunately there is an endless amount of trash that has been deposited in this river throughout the years. We filled an entire dumpster in the area that we cleaned and even pulled out a vending machine! With the combined efforts of volunteers and city employees we filled three dumpsters from this river cleanup effort. The second river cleanup in conjunction with the local fly shop and was aimed at cleaning the fishing access sites on the Snake River below the American Falls Dam. We removed 20 bags of trash from five amazing fishing holes and found alarmingly high numbers of abandoned underwear. We recently got involved with the local chapter of Trout Unlimited and have started attending their board meetings. We are hoping to increase the amount of university involvement with them so we can attend the speakers that they host as well as join them in service projects they participate in.



Loni Nelson catching a beast of a white fish during fly fishing class on the Snake River



Portneuf Student Unit Continued

We have begun the planning process for our annual ice fishing derby. We are waiting on our permit from IDFG but tentatively we will be hosting the derby in the same location as last year. We are planning on hosting it at Sportsman's Park on the American Falls Reservoir on January 27th. If you are able to participate in the ice derby please come! We have been doing some behind the scenes work on the derby this year and were able to make a huge change, you can pay online now. We will be posting a registration link [here](#) shortly on our student chapter website. We are hoping that switching the payment from checks to online payments will boost the number of participants we get at the ice derby.

Our unit is looking forward to attending the WDAFS Student Colloquium in McCall this November and we thank the Palouse Unit for being awesome and putting so much effort into putting this colloquium together.



James Paris, Ian Dudley, and Adam Eckersell removing a vending machine during the Portneuf River cleanup



Throw away, throw away, throw away the trash! Come on everybody throw away the trash!



BYU Idaho Student Unit Update

The Brigham Young University-Idaho sub unit has had a fun and exciting fall semester. Students have been working hard on various research projects that we hope will result in a number of presentations for the upcoming Idaho Chapter meeting in February. This semester we had the opportunity to assist Idaho Fish and Game with their annual Ririe Reservoir gill netting. We had a great time picking nets and getting to know Idaho Fish and Game biologist Jon Flinders. We were also able to work with Jim Gregory in a fish salvage effort in St. Anthony. Students experienced how to use backpack electrofishing units to shock fish out of a major canal and place them back into the main stem of the Henry's Fork of the Snake River. Brett High, Idaho AFS Vice President, was our last speaker of the semester. Brett provided some great advice to the students and introduced them to the many benefits of joining the American Fisheries Society.

We are looking forward to seeing many of you at the upcoming Idaho Chapter meeting in Idaho Falls and hope to share some of our research with you.



BYU-Idaho fisheries students aiding in a fish salvage in St. Anthony, ID. Helping to return trout from a canal back to the North Fork of the Snake River.





2017 Western Division of the American Fisheries Society Student Colloquium



The Palouse Unit of the American Fisheries Society (PUAFS) recently teamed up with the Western Division of the American Fisheries Society (WDAFS) to host the annual WDAFS Student Colloquium. The colloquium was held in McCall, Idaho from November 14th – 17th at the Quaker Hill Camp and Conference Center. Over 30 graduate and undergraduate students attended the meeting and represented universities from Alaska, Colorado, Montana, Oregon, Idaho, Washington, and Wyoming. On the first day, Dr. Derek Ogle taught a day-long workshop focused on using his Fisheries Stock Assessment (FSA) package for R. On the following day, eleven students presented their research to the group. The presentations represented a diversity of topics varying from microplastics in Pacific bivalves to the population dynamics of White Sturgeon in California. A particularly note-worthy talk was given by an undergraduate at the University of Idaho, Mackenzie Miner. Mackenzie presented work on an ecosystem-wide response of a wilderness river to the recent solar eclipse. Even though this was Mackenzie's first professional talk, she did an excellent job and reminded everyone why engagement of undergraduate students is critical to our organization! Following the presentations, attendees retired to the Gold Fork Hot Springs to relax, take in the sights of central Idaho, and connect with one another.



Dr. Ogle teaches attendees the intricacies of von Bertalanffy growth models.

Overall, the 2017 WDAFS Student Colloquium was a resounding success. Student's learned valuable technical skills, presented their work in a friendly and supportive environment, and made lasting relationships with their peers. Although the colloquium only lasted two days, the event would not have been successful without generous donations and a large amount of work behind the scenes. The planning committee (Shannon Blackburn [PUAFS], Kat Gilles-Rector [PUAFS], Stacey Feekan [PUAFS], Zach Klein [WDAFS Student Representative]) was integral in the development and implementation of the colloquium. We greatly appreciate our sponsors who included the Alaska Chapter of AFS, California-Nevada Chapter of AFS, Colorado-Wyoming Chapter of AFS, Idaho Chapter of AFS, WDAFS, PUAFS, Education Section of AFS, College of Natural Resources at the University of Idaho, Trout Unlimited, Onset, Biomark, Smith-Root, and Frigid Units. In fact, we received so many generous donations that the entire event came in under budget with no cost to attendees! We believe student colloquia are incredibly beneficial for student members of WDAFS and have decided to donate the excess funds from the 2017 meeting to the 2018 WDAFS Student Colloquium. We hope that our donations (and other like it) will help facilitate another successful colloquium that benefits the personal and professional development of student members of the Western Division of AFS.

Zach Klein
Shannon Blackburn



Student members discuss fish trivia questions.



Student Spotlight



Tyson Hallbert



Tyson Hallbert is a member of the Portneuf Subunit of the Idaho Chapter of the American Fisheries Society. As a former Subunit President, he is actively involved in organizing and leading activities for students at Idaho State University. Originally from Idaho Falls, Tyson grew up in Norway where he developed a life-long passion for fish biology and the outdoors. He is currently a PhD student in the Department of Biological Sciences at Idaho State University. His research project is designed to understand how the availability of suitable habitat can limit the abundance of salmonid fish in streams. Tyson is studying cutthroat trout populations in headwater streams where he is manipulating habitat characteristics by installing instream structures, then measuring how fish populations respond to changing conditions. Upon completion of his PhD, Tyson plans to pursue a career in fisheries biology in Academia or in an Agency research laboratory.



Student Spotlight



Jason Spillet



Jason Spillett is a senior at BYU-Idaho majoring in Plant and Wildlife Ecology with an emphasis in Fisheries. Jason was first exposed to the American Fisheries Society when he attended the Idaho Chapter meeting in 2014. Realizing the benefits of AFS, he advocated for and played a critical role in establishing a student subunit at BYU-Idaho. Jason served as vice president of the subunit in its first year and is currently serving as president. Having benefited from student mentors, Jason takes time to mentor underclassmen, providing tips on how to be successful in gaining a good education, gaining necessary experience, and building a professional network. Jason has worked as a fisheries technician for three field seasons. In addition to standard responsibilities, Jason has also worked on independent projects that he has presented at Idaho Chapter meetings. With graduation on the horizon, Jason is looking for an entry level position to begin what will surely be a long, successful career in fisheries.



2018 Call for Award Nominations

**There are many people who deserve recognition...
Have you been putting it off?
Take the time to nominate them this year!!**

The Executive Committee is soliciting nominations for awards to be presented at the 2018 Annual Business meeting in Idaho Falls. These awards are independent from awards presented by the Native Fish, Mentoring, Fish Habitat and Aquaculture committees. This is a great opportunity to recognize those who have made important contributions to improve the conservation and sustainability of fishery resources and aquatic ecosystems.

Please send nominations to Jay Hesse no later than **January 5, 2018**. If you have any questions please contact Jay at (208) 843-7145 or email at jayh@nezperce.org

Lifetime Achievement Award:

Criteria: Awarded to individuals who are either retired or within five years of retirement and have made significant and sustained contributions to improve the conservation and sustainability of fishery resources and aquatic ecosystems. This work may include but is not limited to making significant contributions in advancing fisheries and aquatic science, implementing important fish and aquatic management, or promoting the development of fisheries professionals.

Nomination Process: Submit a one to three page nomination detailing how the individual meets the criteria. The nomination must be supported by at least five Chapter members; their names and contact information should be listed on the nomination.

Distinguished Service Award:

Criteria: Awarded to individuals who have made significant contributions in furthering the work of the Chapter. This award is specific to service within the Chapter.

Nomination Process: Submit a nomination not longer than one page detailing how the individual meets the criteria. Although not required, nominations supported by more than one Chapter member will receive the strongest consideration. List the names and contact information of Chapter members supporting the nomination.

Outstanding Fish Professional:

Criteria: Awarded to individuals who have made a significant contribution to improve the conservation and sustainability of fishery resources and aquatic ecosystems. This award is specific to service outside of the Chapter.

Nomination Process: Submit a nomination not longer than one page detailing how the individual meets the criteria. Although not required, nominations supported by more than one Chapter member will receive the strongest consideration. List the names and contact information of Chapter members supporting the nomination.



CALL for Nominations

**Help us acknowledge the deserving efforts of our Idaho Chapter members in their service to the Chapter and to the resource.
Please take the time to nominate someone.**

R.L. Wallace Native Fish Conservationist of the Year Award

The Richard L. Wallace Native Fish Conservationist of the Year Award is sponsored by the Native Fish Committee. The award was created by the Native Fish Committee in 2004 and is presented annually to an individual, group, or organization for outstanding achievement in native fish conservation in Idaho. Please send nominations (that outline the nominee's accomplishments) to Zach Klein (klei7686@vandals.uidaho.edu) or Patrick Kennedy (pat.kennedy@idfg.idaho.gov) no later than January 26, 2018.



Excellence in Aquaculture Award

The Excellence in Aquaculture Award is sponsored by the Aquaculture Committee. The award was created by the Aquaculture Committee in 2008 and is presented annually to an individual or aquaculture facility for outstanding achievement in the field of aquaculture or aquaculture related research. Nominations can be emailed to Laura Sprague (laura_sprague@fws.gov), Jamie Mitchell (jamie.mitchell@idfg.idaho.gov), or Ken Cain (kcain@uidaho.edu) no later than January 26, 2018.

Habitat Improvement Award

The ICAFS Habitat Improvement Award is given either to individuals or a team who have demonstrated significant contributions towards improving fish and aquatic habitat, restoring floodplains, and enhancing riverine systems for fish spawning and rearing. This work may include, but is not limited to, landowner coordination efforts, design and implementation of habitat features, restoring fish passage, and restoring conditions closer to natural and native river landscapes. Please submit a nomination not longer than one page detailing how the team or individual meet the criteria to Jeanne McFall (jeanne.mcfall@idfg.idaho.gov) or Ryan Hillyard (ryan.hillyard@idfg.idaho.gov) no later than January 26, 2018. Nominations supported by more than one Chapter member will receive the strongest consideration. List the names and contact information of Chapter members supporting the nomination.

Outstanding Mentor Award

It is time once again to consider those amongst us who have gone above and beyond the call in mentoring students and/or young professionals during their career. The Idaho Chapter annually recognizes one member with the Outstanding Mentor Award. Please take a few minutes to nominate one (or more) of your peers who have invested their time over the years to make a difference in the development of folks within our profession. The recipient of this award should meet or exceed the following criteria: A current or previous fisheries professional. Provided substantial assistance to Idaho fisheries professionals/students, with preference given to those who are or were active in ICAFS. Demonstrated a sincere interest/devotion in seeing students and professionals succeed. Provided ample learning and training opportunities for students and professionals to gain experience otherwise unobtainable without the assistance of the nominated professional. Please send nominations to Lance Hebdon (lance.hebdon@idfg.idaho.gov) or Jessica Buelow (Jessica.buelow@idfg.idaho.gov), no later than January 26, 2018.



ICAFS Grant Opportunity

An Idaho Chapter of the American Fisheries Society's Training Opportunity and Project (TOP) Grant up to \$750 is available for students. The grant money can support attending a professional conference, workshop, or training; conducting research outside typical degree requirements; implementing education projects; or other activities that support the Idaho Chapter mission and goals. For more information please visit <http://www.idahoafs.org/ICAFStopGrant.php> or contact Lauri Monnot @ (208) 373-0203.

ICAFS Scholarships

The Idaho Chapter is pleased to announce four annually awarded scholarships for students attending Idaho schools. These are as follows:

- Idaho High School Student Scholarship** - This \$500 scholarship will be awarded annually to an Idaho High School senior that is planning to attend a college or university located in Idaho.
- Idaho Undergraduate Student Scholarship** - This \$1000 scholarship will be awarded annually to any Idaho college or university or involved with the Idaho Chapter including student units.
- Idaho Graduate Student Scholarship** - This \$1000 scholarship will be awarded annually to a graduate student that is enrolled at any Idaho college or university or involved with the Idaho Chapter including student units.
- Susan B Martin Graduate Student Scholarship**- This \$2000 scholarship will be awarded annually to a graduate student that is enrolled at any Idaho college or university or involved with the Idaho Chapter including student units.

These scholarships were developed by the Executive, Mentoring and Public Education Committees, are funded by the Idaho Chapter, and are administered by the Public Education Committee. Information and application materials are available on the Chapter website (<http://www.idahoafs.org/scholarships.php>). Download and complete the application form and obtain a copy of your college transcripts (unofficial transcripts are acceptable). Email your completed application form and your transcripts to Lauri Monnot at scholarships@idahoafs.org. A letter of recommendation to support the application must be emailed to scholarships@idahoafs.org from a biology professional, faculty advisor, school administrator, or supervisor. Applications must be received by January 31, 2018. Winners will be announced during the business luncheon at the annual meeting. For more information, please visit the Chapter website (<http://www.idahoafs.org/>) or contact Lauri Monnot, Public Education Committee Chair, at lauri.monnot@deq.idaho.gov or (208) 373-0203.



Fundraising Committee

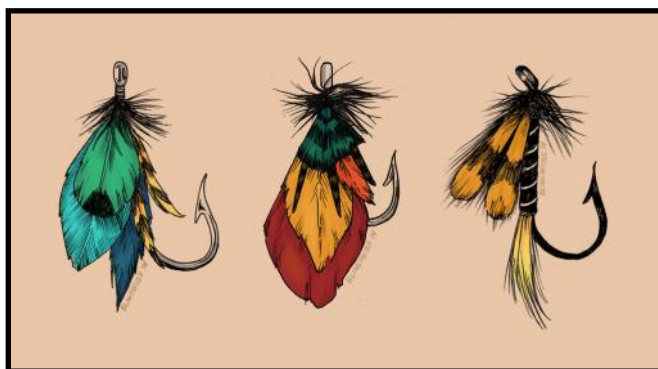
...Time to start thinking about thinking about the Idaho Chapter AFS fundraising banquet.



You still have plenty of time to procrastinate

- Items for the silent auction (e.g., sushi plate, wine basket(s), quilted items, etc.)

Fish-O-Flies (let's get this filled up with hand tied flies this year!)



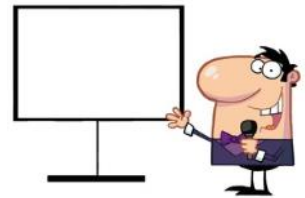
2018 Annual Meeting



The 2018 Annual Idaho Chapter of the American Fisheries Society Meeting

“Fisheries Scientists Must Write”

Idaho Falls at the Shilo Inn February 28 to March 2,
2018



All-star Plenary Session Panel includes:

Dr. Daniel Pauly - Leading off the plenary will be French-born Daniel Pauly. Dr. Pauly began his academic training in Germany while investigating a small artisanal fishery in Ghana. His Ph.D. work and associated papers related to the von Bertalanffy growth curve are surely among the most cited from a single fisheries doctoral thesis. A few of his creations include Ecopath, FishBase, and SeaLife-Base. His highly cited paper “Fishing Down Marine Food Webs” caught the attention of both scientists and the popular media alike. Dr. Pauly serves as the University of British Columbia Killam Professor, and works with the Institute for the Oceans and Fisheries and Department of Zoology. Along with being the author of a witty, insightful book chapter, Daniel Pauly is likely the most cited living fisheries scientist. Both of these observations obviously explain his appearance on our plenary panel.



2018 Annual Meeting

All-star Plenary Session Panel continued:

Dr. Mike Hansen - Michael Hansen completed a B.S. in fisheries at the University of Wisconsin- Stevens Point and an MS degree at Cornell University. After completing his Ph.D. under Bill Taylor at Michigan State University, Dr. Hansen moved back to Wisconsin, working for Wisconsin DNR and eventually returning to U of W Steven Point as a professor. He currently serves as Chief of the USGS Hammond Bay Biological Station. Several of his career accomplishments include development of the population dynamics science for setting walleye fisheries quotas in Wisconsin and completion of a large series of population studies focused on management and restoration of Lake Trout in the Great Lakes. Along with being an author of 90+ papers himself, Dr. Hansen served as Co-Editor of the North American Journal of Fisheries Management from 1997 through 2010, during which he edited an astonishing 1200+ papers. Mike will be expressing his views on "why fisheries scientists must write" from his unique viewpoint as both a prolific paper author and journal editor.



Dr. Gary Whelan - Dr. Whalen, a native of New Jersey, completed his B.S. at the University of Wyoming, an M.S. at the University of Missouri, and completed his Ph.D. with Bill Taylor at Michigan State. Dr. Whelan has worked on a variety of projects ranging from Burbot parasites to hydropower project analysis to Native American Treaty Consent Decree implementation to landscape conservation on a wide range of spatial scales. He currently oversees Michigan DNR's research section. His work duties have allowed him to travel to a remarkable 48 of 50 U.S. states and a number of Canadian provinces. Besides publishing over 40 peer reviewed papers, Dr. Whelan is the author numerous agency reports and other grey literature. Dr. Whelan's plenary comments will be directed at the majority of attendees, those who will never publish a peer reviewed paper in their careers but nonetheless need to write and write well.



Continuing Education Opportunities—Workshops

Don't miss your opportunity to take advantage of some excellent continuing education opportunities at this year's Annual Meeting in Idaho Falls! All workshops will be held Tuesday, February 27th. The workshops will be all-day and lunch will be provided.

Scientific Writing and Editing

Instructor: Dr. Michael J. Hansen, PhD. USGS Great Lakes Science Center

Description: Join Dr. Michael Hansen for an interactive session on how to write a manuscript for peer review and publication. As former co-editor of the North American Journal of Fisheries Management (whose own work has been cited more than 3100 times), Dr. Hansen brings a deep understanding of the tools and strategies needed to properly prepare a manuscript, navigate peer review, and edit the work of colleagues. His course handouts have become a roadmap for writing success for those who have taken his course in the past. The theme of this year's meeting is "Fishery Scientists Must Write," and Dr. Hansen will help you meet that imperative.

Price: \$30.00

Enrollment Limit: 100



Stress and Fish Transport

Instructor: N/A (Symposium)

Description: The culmination of conservation fish production is commonly fish transport and release. Transport is one of the most stressful events in the production cycle and it opens the door to stress events and fish losses, often caused by human error. Please join the ICAFS Aquaculture committee for a day of presentations on fish transport, the physiology of stress-(fish and human), and an interactive panel discussion on fish transport methodology, development, trials, and tribulations.

Price: \$30.00

Enrollment Limit: 30



Wilderness First Aid Primer

Instructor: Wesley Keller, Nez Perce Tribe

Description: Due to the inherent hazards of natural resource work standard first aid is often inadequate training due to remoteness of work settings, time of patient care and lack of available resources. This 8 hour course will cover the basic of wilderness first aid (WFA) and focus on what individuals working in remote settings should be considering before the start of field season to create a safer work environment for themselves and their staff. Due to time constraints a WFA certificate will be not obtained in this class but we'll develop a better awareness of preparation and equipment required to create a safer work environment in the field. Completion of this course will result in standard Red Cross First Aid certification.

Price: \$60.00

Enrollment Limit: 15



Executive Committee



President
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hneville@tu.org



President Elect
Dan Schill
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Nominations Chair
Zach Klein
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The EXCOM wants your ideas ...

Please do not hesitate to contact any EXCOM Member about questions or ideas

This is your Chapter !

