



PISCATORIAL PRESS

OREGON CHAPTER OF THE AMERICAN FISHERIES SOCIETY

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PRESIDENT'S CORNER: A STUDENT AND VOLUNTEER CALL TO ARMS

Volunteers do not necessarily have the time; they just have the heart. Elizabeth Andrew

Thank you to the WA/BC Chapter for hosting a fabulous National AFS Annual Meeting in Seattle – 4,000+ participants and all. And thank you to those Oregon Chapter Members who helped make our bid for the National Meeting in 2015 a success.

The opportunity and need to volunteer for and contribute to the Oregon Chapter has never been greater. That's right, the 2015 National AFS Meeting will be held in Portland. Consider this your first Call to Arms to assist in the planning and implementation of the meeting. Several Chapter members have already stepped up, but many more are still needed – ohh, just a few hundred or so! Information on volunteering is available on our website at www.orafs.org.

The opportunity for students to participate in, volunteer for, and contribute to the American Fisheries Society has also never been greater. Without the volunteer efforts of students, our Chapter and our annual meetings would not be nearly as successful. Nor would the WA/BC Chapter have pulled off the largest AFS National Meeting to date. I saw many Oregon student volunteers holding information signs and telling me where to go, in the politest way possible of course. Thank you student volunteers, and please keep the commitment and help coming!

You really can change the world if you care enough. Marion Wright Edelman

The Oregon Chapter student subunit has developed its first draft of bylaws which are out for OR ExCom review. The vision is to have an AFS subunit that is not specific to Oregon State University, rather one that includes members from multiple Oregon schools, including graduate students. Goals for 2011-2012 include having the bylaws approved and getting officers in place. A big thank you to Allison Estergard and Justin Huff for moving this process forward! For more information contact Allison, our Oregon Chapter Student Representative. Help make the Oregon Student Subunit a success!

Speaking of bylaws, during the Western Division's Meeting in September, bylaw revisions were approved that included adding the Student Representative as a position on the Executive Committee. The Student Representative serves as a non-voting liaison between students and the Western Division – thanks to the volunteer efforts of Kelly Stockton (Western Division Student Representative) for making this happen and to Mariah Mayfield (new Student Representative) for being the first to implement! In Seattle I visited with both Kelly and Mariah. Clearly, more student membership and student participation in all levels of AFS is needed.

Therefore, in the near term, I would like to encourage Oregon Chapter students to attend the Western Division Student Colloquium being held at the University of Montana October 6-8. Also, participate in the Oregon Chapter student subunit.

In the long term, I encourage all Oregon Chapter students to participate in the Student Subsection of the AFS and to consider serving the Oregon Chapter or Western Division as the Student Representative. The Oregon Chapter and AFS can only benefit by increased representation of student membership in the Society.

Lastly, I want to thank everyone who has ever served on the Oregon AFS Executive Committee, chaired internal and external committees, or volunteered their time to the Chapter. Because of these efforts, the Oregon Chapter was again recognized by the Western Division and National AFS as the Chapter of the Year – that makes 10 since 1993 (see pg 3)!

Consider this your first Call to Arms to assist with the 2012 Oregon Chapter Annual Meeting in Eugene and one of many "Call to Arms" to help plan and host the 2015 National Meeting. Start setting the precedent now!

What is the use of living if it be not to strive for noble causes and to make this muddled world a better place for those who will live in it after we are gone. Winston Churchill

Colleen Fagan, President

**2010-2011 OREGON CHAPTER AFS EXECUTIVE
COMMITTEE OFFICERS (ORAFS EXCOM)**

President: Colleen Fagan
541-962-1835; President@orafs.org

President-elect: Jeff Yanke
541-426-3279; PresidentElect@orafs.org

Past-president: Demian Ebert
503-227-1042; PastPresident@orafs.org

Vice President: Bill Brignon
360-604-2576; VicePresident@orafs.org

Secretary-treasurer: Michele Weaver
971-673-6062; SecTreasurer@orafs.org

External Director: Shivonne Nesbit
503-947-6253; ExternalDirector@orafs.org

Internal Director: Jason Kent
503-223-5388 ext. 105; InternalDirector@orafs.org

Student Representative: Allison Estergard
541-979-7735; StudentRep@orafs.org

EXTERNAL COMMITTEE CHAIRS

Education and Outreach: Karen Hans
541-757-4186 ext. 251; Karen.M.Hans@state.or.us

Fish Culture: Ryan Couture
541-487-5510 ext. 110; ryan.b.couture@state.or.us

Freshwater Habitat: Ian Reid
541-261-2722; Fisheater67@hotmail.com

Legislative Committee: Jeremiah Osborne-Gowey
541-757-0687 ext. 8; osbornegowey@hotmail.com

Marine Habitat and Ecology: Scott Heppell
541-737-1086; scott.heppell@oregonstate.edu

Natural Production: Jens Lovtang
541-553-2041; jlovtang@wstribs.org

Oregon Chapter of the American Fisheries Society Mission

Improve the conservation and sustainability of Oregon fishery resources and their aquatic ecosystems for long-term public benefit by advancing science, education, and public discourse concerning fisheries and aquatic science and by promoting the development of fisheries professionals.

INTERNAL COMMITTEE CHAIRS

Awards: Mindy Simmons
503-808-4766; mindy.m.simmons@usace.army.mil

Investments: Michele Weaver
971-673-6062; SecTreasurer@orafs.org

Scholarships: Scott Heppell
541-737-1086; scott.heppell@oregonstate.edu

Resolutions and Bylaws: Bill Brignon
360-604-2576; VicePresident@orafs.org

AFS / TWS Liaisons:
Tony Faast, 503-231-6233; Tony_Faast@fws.gov
Patty Snow, 503-947-6089; patty.snow@state.or.us

EXTERNAL SUPPORT PERSONNEL

Legislative Liaison: Sue Marshall, Trillium Consulting
971-506-4617; suemarshall5@hotmail.com

Webmaster: Kara Anlauf-Dunn
541-757-4263 ext. 240; webmaster@orafs.org

INTERNAL SUPPORT PERSONNEL

Historian: Don Ratliff
541-325-5338; donald.ratliff@pgn.com

Newsletter Editor: Allison Evans
541-231-5766; allison.evans@oregonstate.edu

Additional contact information (mailing addresses, fax numbers) for all officers, committee chairs, and support personnel are available at: <http://orafs.org/contacts.htm>



**Oregon Chapter of the
American Fisheries Society**

www.orafs.org

CHANGE OF ADDRESS & MEMBERSHIP APPLICATIONS:

To join or change address, go to www.fisheries.org and be sure to sign up for the Oregon Chapter. Also visit www.orafs.org to join our listserv and get other chapter information.

EXTERNAL DIRECTOR'S REPORT

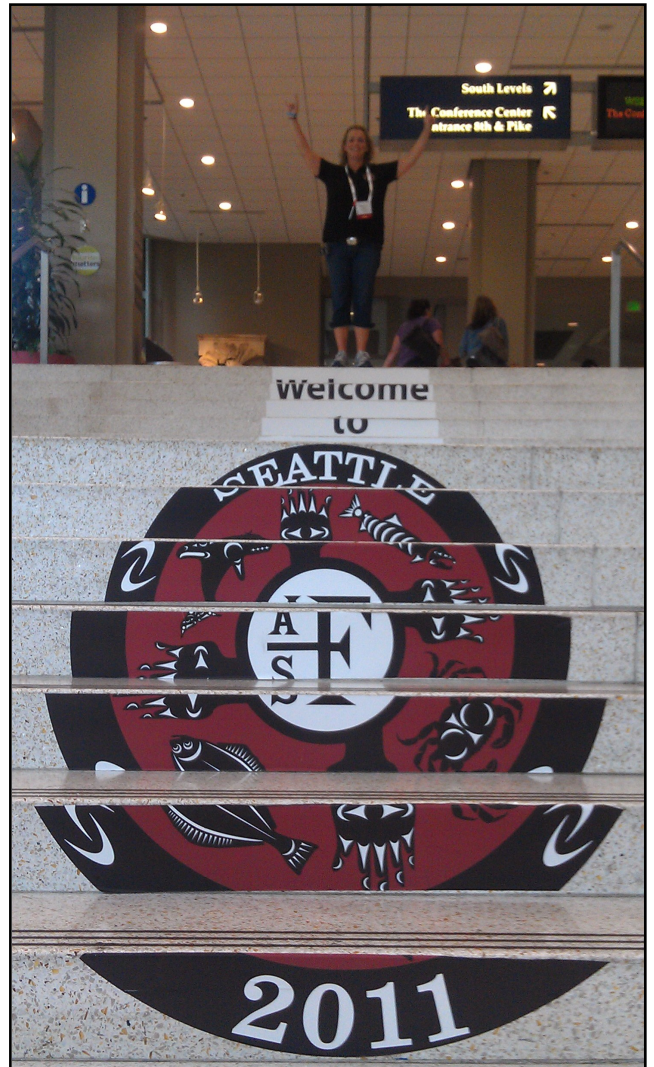
I think that many of us are still reeling from the magnitude and success of the National meeting in Seattle. What an incredible experience to see fisheries professionals from all over the globe discussing issues, sharing science, establishing new relationships--the sense of comradery was amazing. The Seattle meeting reminded me time and time again of why I am member of AFS. None of us are in this for the money or for the glory. We are members of AFS and involved with the society because we truly care about what we do and because we want to make a difference in our respective fields.

Bob Lackey's plenary address in Seattle discussed the need for us, as scientists, to inform policy and law. Yes, the research we do is important, but in addition, that research needs to be accessible to a broader audience. Dr. Lackey passionately described the need for scientists to engage outside of the scientific community. How can you get involved? How can you engage citizens? How can you weave your science into policy? Get involved!

Members of the legislative committee recently met with Sue Marshal, ORAFS's legislative liaison, to discuss the last legislative session. Sue provided excellent guidance on how we can inform OR legislators by articulating the science behind the issues being considered by legislators. Now is the time to get involved with the Oregon Chapter. ORAFS ExCom is meeting in October and one of our agenda items will be a discussion of tasks and duties to be completed in the upcoming year by the external committees. If you are interested in stepping up your involvement, please call me 503-947-6253 or email

ExternalDirector@orafs.org. We have some work to do and to borrow a line from a good friend and fellow biologist: "Together We Are Better".

*Shivonne Nesbit,
External Director*



Shivonne photographed at the entrance to the Washington Seattle Conference Center. Shivonne chaired the Information System Committee at the National Meeting in Seattle.



Your Oregon Chapter Wins AFS CHAPTER OF THE YEAR!

Thank you to everyone who contributed to making this award possible! Involvement of you, our members, is what makes the Oregon Chapter so successful!

At left, ORAFS ExCom officers Michele Weaver, Shivonne Nesbit, Demian Ebert, Jeremiah Osborne-Gowey, Colleen Fagan, Jason Kent and Rich Grost proudly accept ORAFS's Chapter of the Year Award at the National AFS meeting in Seattle!

FISHERY FEATURE

INVASIVE COMMON CARP - A BASIN-WIDE EFFORT

When people think of Oregon fisheries, they are filled with visions of steelhead, salmon and sturgeon. However, a few of us are lucky enough to work in isolated areas of the high desert of Eastern Oregon with unique fish species. These unique species include the tui chub, Great Basin Redband and the perfect invader common carp *Cyprinus carpio*.

Malheur National Wildlife Refuge (Refuge), located south of Burns, Oregon, is charged with providing nesting, breeding, and migratory habitat for waterbirds, wading birds, and waterfowl. However carp are responsible for degrading the Refuge's Malheur Lake and 70,000 acres of its prime aquatic habitat. The carp compete directly with these birds for the same aquatic food resources, uproot aquatic vegetation and suspend silt which block out the sunlight needed for aquatic plant growth. Birds relying on these aquatic systems have no choice but to move onto more productive wetlands or expend much more of their energy trying to find food. Common carp are of particular concern in Harney County because of our location within the Pacific Flyway. Historically, Malheur Lake was utilized by up to 35% of the Pacific Flyway's canvasback population, was the second most important redhead duck production site in the West, and at its peak produced over 100,000 ducklings annually. Malheur National Wildlife Refuge currently averages about 2-7% of its former waterfowl production capability.

The Refuge has tried to control carp since the 1950's with river and lake-wide Rotenone treatments, water level manipulations, and fish screens. These efforts have only yielded short term positive results, with the carp populations rebounding quickly. As to not fall into the trap of repeating history, the Refuge is now taking a sustainable, collaborative, and comprehensive approach by treating the carp problem as an integrated pest management problem that extends beyond the Refuge's boundaries into the Donner and Blitzen River, Silvies River, and Silver Creek watersheds which drain into the Refuge. This area is known collectively as the Harney Basin. Any future control methods at the Refuge are not efficacious if there is an endless supply of carp upstream from the treatment area with no impediments to movement. Therefore, a Harney Basin-wide approach which includes these watersheds is needed for successful control.

During the Refuge's collaborative comprehensive conservation planning effort as many as 60 collaborators



STEP Intern Jordan Miller from University of Wisconsin-River Falls, holding a common carp caught in the Blitzen River- Summer of 2010.

participated in the planning meetings. These collaborators included government and nongovernment entities, environmental organizations, local ranchers, business owners, and recreationalists to name a few. There was much discussion about the Refuge's poor aquatic health and the realization that carp were not only affecting the Refuge's aquatic health but the entire Harney Basin's aquatic health. From these collaborator discussions, ideas were born to address the carp infestation at the basin-wide level.

Here are some of the current actions being taken:

The Refuge staff and collaborators prepared the draft Malheur National Wildlife Refuge Comprehensive Conservation Plan that identified improving the Refuge's aquatic health as their highest priority to be addressed over the next fifteen years (2012 – 2027). The desired future outcome is to improve aquatic health by reducing carp populations to a level that allows for good water quality, healthy native aquatic plant and animal communities, and adequate food for migratory bird populations. The draft plan will be available for public comment in early November.

The Harney Basin Wetlands Initiative is a ground swell group forming whose goals are to: (1) implement a basin-wide carp control strategy and adaptive management to improve the health of wet meadows and other wetlands under Malheur National Wildlife Refuge's comprehensive conservation plan; (2) maintain traditional flood irrigation practices on private lands that sustain important seasonal wetland habitats; and (3) improve riverine and riparian habitats. You can find their information at <https://sites.google.com/site/harneybasinwetlands/home>



Ken Binder (left), an OSU graduate, aiding Dr. Przemek Bajer from the University of Minnesota collect fish in a trap net.

NRCS prepared a Natural Resources Long Range Strategy for Harney County with significant input from conservation partners. The Long Range Strategy identified invasive common carp as the number one priority resource problem to be addressed in the next five years (2011 – 2015). The desired future outcome is to eradicate carp or reduce and maintain their numbers to a level that allows for good water quality, healthy native aquatic plant and animal communities, and adequate food for migratory bird populations.

A telemetry study of 35 tagged carp is currently underway on Malheur Lake. This study is to determine if the carp are aggregating in the winter, which could facilitate targeted mass removal by netting. The Refuge is collaborating with University of Minnesota on this study. Preliminary data from the first year shows that some of

the tagged carp are aggregating in the south west area of Malheur Lake.

Carp age and growth data are being collected from 4 sites across the Refuge using the otoliths and compared with the first dorsal fin ray. Lengths of carp have ranged from 29 mm to 703 mm. The Refuge is collaborating with Iowa State University and their lab analysis is still pending.

The fish assemblage is being characterized Refuge-wide by setting trap nets and electroshocking. Fish species observed are tui chub, black bullheads, yellow bullheads, pumpkin seeds, green sunfish, bluegill sunfish, red-sided shiner and thousands of common carp. The Refuge is collaborating with the University of Minnesota and ODFW.

What can you do to help?

- Use your voice to educate and motivate others.
- Be part of the solution by joining the aquatic health coalition list serve to get up to date progress on the problem and successes <https://www.fws.gov/lists/listinfo/malheurnwrcarpcoalition>
- Donate your time and talents. Contact Linda Beck at linda_beck@fws.gov
- Visit the Refuge website www.fws.gov/malheur
- Join the Malheur Wildlife Associates - <http://www.malheurfriends.org/>

Contributed by: Linda Beck (Fish Biologist – Malheur National Wildlife Refuge) and Tim Bodeen (Refuge Manager – Malheur National Wildlife Refuge)

DO YOU HAVE A FISHERY FEATURE CONTRIBUTION TO SHARE?

- Have you started or finished a **unique restoration project**?
- Have you recently begun or completed an **interesting research project**?
- Would the ORAFS membership benefit from hearing about your **recent experiences** or **lessons learned**?

If you answered “Yes”, then submit your story as one of our two member-driven features!

- 1) **Fishery Features**: summaries that include text and/or photos and are up to 2 pages in length.
- 2) **Field Notes**: can be as short as a photo with a caption or as long as a paragraph or two!

ORAFS members, please help the Piscatorial Press launch its new, **member-driven**, series!
If you have something to share, submit a summary, along with photos!

Submission deadlines for the next issue is **December 15, 2011**.

Send submissions to Allison Evans at: allison.evans@oregonstate.edu

AFS STUDENT SCHOLARSHIPS:

What scholarships are available? Five scholarships are available:

- Associate degree student (\$2,000)
- Bachelors degree student (\$2,000)
- Master's degree student (\$2,000)
- Doctoral degree student (\$2,000)
- Carl Bond Memorial Scholarship (\$5,000) for an exceptional graduate student to support special research efforts benefitting native Oregon fishes.



Each award includes an award certificate, recognition at the 2012 Annual Meeting and in Fisheries and the Piscatorial Press.

What is the goal of the scholarship program? The goal of these scholarships is to reward and promote the education and development of future fisheries professionals.

How do I become a Student Member of AFS? Go to www.fisheries.org and apply online, and be sure to check the Oregon Chapter box (\$22 total cost for 1 year).

Where do I go for complete application instructions? <http://www.orafs.org/Scholarships.html>

When are applications due: December 31, 2011

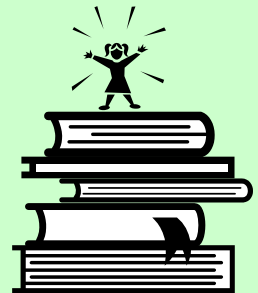
Who should I contact with questions? Scott Heppell at Scott.Heppell@oregonstate.edu or 541-737-1086

ATTENTION STUDENTS:

**HELP ORAFS HELP YOU!
VOLUNTEER AT THE ORAFS ANNUAL MEETING**

How would you like to **earn free lodging** at the Oregon Chapter of the American Fisheries Society Annual Meeting in Eugene? We are looking for professional, trustworthy student workers to assist with a variety of logistical support tasks including:

- Audio/video support (PowerPoint and lights) in presentation rooms
- Assembling and distributing attendee packets before the meeting
- Providing directions and information to meeting attendees
- Assisting with the raffle and auction
- Setting up and taking down poster boards and presentations
- Slings T-shirts and other sweet gear at the sales table



By volunteering you will be serving the noble cause fisheries conservation, expanding your fisheries knowledge, and networking with potential employers and future colleagues. But wait, that's not all. You will also be compensated with **complimentary group lodging** for your labor while still having plenty of time to attend technical presentations and enjoy social events!

To get on the list as a student volunteer, contact:

Bill Brignon, ORAFS Vice President at:
VicePresident@orafs.org or (503) 239-5133

READY TO GIVE BACK TO YOUR CHAPTER? NOMINATIONS OPEN FOR THE 2011-2012 EXCOM

Oregon is the most premier chapter of the American Fisheries Society, and serving on the Oregon Chapter Executive Committee is an opportunity to both ensure we continue to be the best and share in this prestige. Besides being a satisfying short-term commitment to the profession and your peers, it can be a great resume booster and networking opportunity.

Officer terms are 1-year (except President-elect which is 3 years) but officers often have *so much fun* they typically run for a repeat term. Some positions tend to take less time spread fairly evenly (e.g. Vice President, External Director), and others have bursts of action, mostly centered around the annual meeting. Experienced officers will help you learn the well-worn ropes while welcoming your insights and energy.

The positions and general descriptions are:

- President-elect serves 1 year *each* as President-elect (chair annual meeting program committee), President (manage ExCom), and Past-president (nominations, trade show, newsletter, etc.)
- Vice-president (resolutions and bylaws, student coordination, raffle-auction, etc.)
- Secretary-Treasurer (finances, registration systems, meeting minutes, etc.)
- Internal Director (manage internal committees and meeting logistics, etc.)
- External Director (manage external committees and issues, etc.)

Elections will be held during the Business Meeting at the Annual Meeting, and all terms officially begin May 1 of that year. Communication is mostly by email, with typically a single conference call per month and in-person planning retreats in Fall and Spring. Travel for chapter business can be reimbursed. Candidates will be introduced to the membership in the Winter Piscatorial Press via a short statement describing their background, education and work, experience relevant to the position sought, and anticipated contribution to the Chapter.

If you are interested in an ExCom position, or know someone who may be, just let me know via an email or phone call and provide the contact info and position of interest. Operators are standing by to take your call! Nominations and statements are due by **December 15, 2011** to: Demian Ebert (pastpresident@orafs.org or 503-227-1042). For more information on positions and duties, see: www.orafs.org/about.



Is there a resource issue that needs Chapter attention? **If you wish to bring an issue to the membership, please submit your resolutions to the Resolutions and Bylaws Committee by Friday, December 9, 2011.**

The committee can help you craft a Resolution for Ex-Com review, and potentially the consideration of the Chapter via publication in the *Piscatorial Press*, posting to the Chapter website, and submission to the Chapter membership for a vote in Eugene in 2012.

Adopted Chapter resolutions can be found on the website at: <http://www.orafs.org/communications>.

For more information about submitting resolutions, please contact: Bill Brignon, ORAFS Vice President and Resolutions Chair at VicePresident@orafs.org or (503) 239-5133.

2012 OREGON CHAPTER ANNUAL MEETING: OVERVIEW & EVENTS AT A GLANCE

JOIN US IN EUGENE, FEB. 28-MARCH 2, 2012

Feb 28 Tuesday	Feb 29 Wednesday	March 1 Thursday	March 2 Friday
<ul style="list-style-type: none"> • Workshops (pg 10) 	<ul style="list-style-type: none"> • Workshops (pg 10) • Plenary Session (pg 12) • Technical Sessions (pg 9 & 12) • Poster Session & Trade Show Social (below & pg 11, pg 12) • Student Mentor Mixer (below) 	<ul style="list-style-type: none"> • Technical Sessions (pg 9 & 12) • Awards Luncheon (below & pg 14) • Business Meeting (below) • Raffle & Auction (below & pg 13) 	<ul style="list-style-type: none"> • Technical Sessions (pg 9 & 12)

THEME:

Putting fishery science on the ground (or in the river) often requires us to work with people and social values. Therein lays the theme of our 2012 meeting, **weaving fish into our social fabric**. The program committee welcomes you to join us and share your technical expertise, results from your research, and how you're working with people to implement the latest fishery science. As always, the meeting will offer a great plenary session, networking opportunities, educational workshops, trade show vendors, student mixers, and lots of fun social events. We'll continue to respect your budgets and provide these services at the lowest possible cost to maximize participation.

GET INVOLVED!

Your suggestions and assistance are welcome and encouraged. Please contact Program Chair Jeff Yanke (PresidentElect@orafs.org or 541-786-3198) for more information.

LEAP YEAR POSTER SESSION AND TRADE SHOW SOCIAL (FEB 29):

So awesome it can only happen once every four years. Make the most of your leap year while 'weaving' through great posters and rubbing elbows with other fishery professionals. Interactive poster displays will provide for great conversation, and great northwest craft brews will provide for great ideas and solutions. Poster session details available on page 12. Also visit with local and nationally-recognized vendors of fishery equipment and services at the trade show displays. To reserve a 8x10 space contact Demian Ebert (PastPresident@orafs.org).

Vendors: see information on page 11 to register for space!!

LEAP YEAR STUDENT-MENTOR MIXER (FEB 29):

Sometimes just a few minutes of face time are enough to inspire an aspiring student. At the past few meetings, our 'speed-dating' format has been successfully connecting students with a wide variety of professionals. We'll continue the tradition at the leap year student-mentor mixer before the poster and trade show social. Students from all Oregon schools and universities are welcome to participate.

AWARDS LUNCHEON & BUSINESS MEETING (MAR 1):

Join us to recognize the award-winning work of our colleagues, learn about ways to volunteer in ORAFS, all while chowing down on a quality (**and free**) lunch.

Members: see instructions on page 14 to nominate a colleague for an award!

RAFFLE AND AUCTION (MAR 1):

Support the chapter and get your hands on some of the latest equipment, fantastic artwork, and some great adventures! Before the auction, fill up with a delicious banquet dinner while visiting with friends and colleagues. You might even loosen up that auction arm with a few more northwest craft brews! Party down after the banquet with some quality music and entertainment. Once again, the stakes will be high at our Texas Hold'em event...are you feeling lucky?

Members! Please consider showcasing your special talents and interests by making a donation to our raffle and auction. Monetary donations are also gratefully accepted. Thanks!

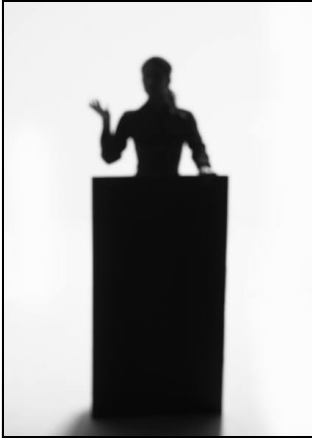
STUDENT OPPORTUNITIES

The program committee is focused on opportunities abound for students at the 2012 annual meeting. We welcome students to present papers, display posters, compete for awards, meet mentors, and network with other students and professionals. **Participation of college students from all Oregon schools and universities is encouraged!** In addition, students can save big by volunteering assistance to the ORAFS in trade for free lodging. Visit www.orafs.org for more information about volunteering in exchange for lodging.

REGISTRATION

Early registration fees for AFS members / non-members are \$135/\$185, (\$100/\$125 for retirees). Early registration for students is only \$25. Early registration saves \$25-50 thru 1/20/12. Banquet meals are priced at \$35, same as last year. See page 13 for more registration information.

2012 OREGON CHAPTER ANNUAL MEETING: TECHNICAL SESSIONS (FEB 29-MARCH 2)



Technical sessions for the 2012 meeting are off to a great start and promise to be the heart of information exchange at the meeting. We have several sessions scheduled that will address the latest fishery issues, most current techniques and most importantly, the great work you and your colleagues are doing. Moderators are currently recruiting presentations for the sessions below. If your work 'weaves' itself into one of the scheduled sessions below, please contact the moderator and get scheduled!



- **Applied Habitat Restoration** – Eric Riley (eric@umpquarivers.org)
- **The Beaver's Role in Fish Restoration** – Charlie Corrarino (Charles.A.Corrarino@coho2.dfw.state.or.us)
- **Fish Passage and Screening** – Greg Apke (Greg.D.Apke@coho2.dfw.state.or.us)
- **Reintroduction of Anadromous Salmonids** – Peter Galbreath (galp@critfc.org)
- **Invasive Species** – Paul Heimowitz (Paul.Heimowitz@fws.gov)
- **Marine Science** – Scott Heppell (scott.heppell@oregonstate.edu)
- **Renewable Energy** – Ken Holmoka (Ken.Holmoka@coho2.dfw.state.or.us) and Doug Young (Doug_young@fws.gov)
- **Science and Policy** – Sue Marshall (suemarshall5@hotmail.com) and Jeremiah Osborne-Gowey (jeremiasosbornegowey@gmail.com)

Students! The program committee is actively looking for student research to incorporate within our technical sessions. Please contact program chair Jeff Yanke (PresidentElect@orafs.org) if interested.

Educators! In the spirit of "weaving fish into our social fabric", we will be weaving education and outreach talks into the technical sessions in 2012. Presenters can expect a larger audience and better integration with the science they are teaching. Interested education and outreach presenters should contact our education committee chair, Karen Hans (Karen.M.Hans@coho2.dfw.state.or.us).

Oregon and the Pacific Northwest are abundant with relevant fisheries topics, great fish research, and social issues. Do you have a topic that 'weaves' itself into the annual meeting? Please consider organizing a session around your area of expertise, soliciting presenters, and submitting abstracts as a package. All sessions will be considered based on relevance, uniqueness, success of the organizer in finding presentations, and available space. The program committee is recruiting moderators for the following potential topics:

- Juvenile Salmonid Monitoring
- Recreational Fisheries Management
- Willamette River Initiatives
- Resident Fish Science
- Hatchery Supplementation
- Oregon Plan Implementation
- Predator-Prey Interactions
- Connections Between Fish and Wildlife
- Coastal and Estuarine Fisheries
- Enforcement Challenges and Issues
- Advances in Fish Culture and Health
- Columbia Basin Fish Accords
- Klamath River Dam Removal
- Recovery Planning and Implementation
- Marine Mammal Predation and Management
- Lamprey and other Non-game Fishes
- Human Dimensions in Fishery Management

Do you have an idea for another session?
Contact Jeff Yanke (541-786-3198 or PresidentElect@orafs.org) with your suggestions!

2012 OREGON CHAPTER ANNUAL MEETING: WORKSHOP POSSIBILITIES!

Intro to R for Fisheries Professionals Budget-friendly statistics



When: Feb 28, 2012, 8:00am - 5:00pm
Where: The Eugene Hilton;

Instructors: Pete McHugh
(Peter.A.Mchugh@coho2.dfw.state.or.us) and Ariel
Muldoon (Ariel.C.Muldoon@coho2.dfw.state.or.us)

Cost: \$125/\$175*, students \$25 prior to January 20, 2012

Why: In today's analytical environment, our budgets are too often held captive by a few, large statistical software companies. Fight the power by learning the R project, the free statistical programming environment. With abundant analysis 'packages', a customizable environment, and the ability to create great graphics, the R project is quickly gaining popularity amongst researchers from all disciplines. Diversify your analytical skills and free your budget from expensive licenses by taking this workshop!

This class will cover:

- Getting to know R: Learn about the R programming language and tools to get the most out of the R project, even if you're not a computer programmer!
- Running statistical analyses: Run through the basics of importing data, running summary statistics, and generating applicable statistical analyses.
- Generating graphs in R: Tired of being constrained by the 'cookie-cutter' graphs in Excel? Learn how R can help you best present your data using customizable graphic interfaces.

This workshop is focused on providing attendants with the information needed to sustain a self-learning environment, well after class is dismissed. To best relate to your research, examples of statistical analyses promise to be applicable and fishery-based. Analytical lessons will be derived from the AFS text "Analysis and Interpretation of Freshwater Fisheries Data", and proven in workshops instructed by Dr. Michael Colvin at Iowa State University. Sign up today!

Note: Course participants will need to provide their own laptop, equipped with a course-ready R installation (details to be provided to registered participants prior to the course).

* Cost for non-AFS members

ESA Workshop:

State & Federal Research Permitting—how does it all work??

When: February 28, 2012
Where: The Eugene Hilton;

Instructors: Presenters will include representatives from ODFW, NOAA & USFWS.

Cost: Cost information forthcoming.

Why: Permitting is not a fun or easy process. The various permit types, different timelines for each, and limitations on the effects of research can be confusing and frustrating. This workshop will focus on how state and federal permitting processes work. The workshop will include ample time for discussions to encourage participation from workshop attendees and government representatives. The goals of this workshop are to: educate, exchange information and ultimately lead to increased collaboration.



For more details, please contact
Shivonne Nesbit
(Shivonne.m.nesbit@state.or.us).



2012 OREGON CHAPTER ANNUAL MEETING: VENDORS: RESERVE NOW TO EXHIBIT AT THE 2012 ANNUAL MEETING IN EUGENE!

The 2012 Annual Meeting will feature ample space for vendor exhibits, each about 8x10 ft, arranged in the main concourse at the Hilton in Eugene. This area is where all coffee breaks will be served and where attendees cross from session to session. You'll have excellent exposure to our 400+ audience. Locations will be selected on a 1st-come basis at the meeting. Cost for the display space, table, 2 chairs and wastebasket is \$300 for members and \$400 for non-members. People staffing the exhibit must also register for the meeting/meals using standard options. Exhibit spaces for non-profits and artists are \$100.

To reserve your space, register for the meeting at: www.orafs.org and select the "Vendor Exhibit" option on the form. Questions? Contact: Demian Ebert (pastpresident@orafs.org, 503-227-1042 ext 22).

SEEKING SPONSORS **FOR THE** **ANNUAL MEETING**

Sponsorships from agencies, industries, tribal and other entities constitute a large and important part of the Chapter's support. Contributions of in-kind services (e.g. printing services) and direct funding help to defray meeting costs, thus allowing low registration fees to ensure maximum participation by fishery professionals. They also help support our student programs such as: 4-5 annual scholarships, student-mentor social event, and student registration discounts and complimentary lodging.

Sponsorships generally range from \$500 to \$5,000 each, and are recognized in print within our meeting program, on posters at the meeting registration desk, and on our website. Please consider arranging a sponsorship from your organization, or naming the ORAFS as a recipient in your non-profit community giving campaigns or matching donation programs.

The Oregon Chapter of the American Fisheries Society annual meeting is the premier venue for sharing and communicating fisheries science and management information among professionals in Oregon, and beyond. Our annual meeting typically hosts more than 400 professionals and offers more than 150 technical presentations, plus many networking and mentoring opportunities. Registration fees are kept low to facilitate participation among students, technicians, and scientists from all employment levels.

To be recognized in print, sponsorships must be received by

January 20, 2012

To become a Sponsor of the 2012 Annual Meeting, please contact:

Colleen Fagan, President, ORAFS
at President@orafs.org

WHERE TO STAY? **LODGING DETAILS FOR** **THE** **ANNUAL MEETING**



66 East 6th Avenue, Eugene, OR 97401
Tel: 1-541-342-2000

ORAFS has reserved a block of rooms at the Eugene Hilton, in the heart of downtown Eugene, with a special rate within government per diem limits. **The block of rooms and special rate are available now, and will be held through February 3, 2012.** After this date, the block of rooms will be opened to the general public, and the Eugene Hilton cannot guarantee that the special rate can be granted.

The easiest way to reserve a room at the Eugene Hilton is to book online through Hilton's ORAFS Annual Meeting website: http://www.hilton.com/en/hi/groups/personalized/E/EUGEHF-AF12-20120227/index.jhtml?WT.mc_id=POG You can also call the Hilton Reservations phone line (800-HILTONS) or the reservations website (www.eugene.hilton.com) and use the conference code **AF12**. There are multiple room types available within the AFS block.

The Hilton cancellation policy states if you cancel less than 2 days prior to arrival, you may be subject to cancellation penalties.

2012 OREGON CHAPTER ANNUAL MEETING: PLENARY SESSION (FEB 29)

We are excited to kick the annual meeting off right with our plenary speakers **Bill Bradbury** from the Northwest Power and Conservation Council, and **Eric Quaempts** with the Confederated Tribes of the Umatilla Indian Reservation. Both speakers will bring great perspectives on how they weave fish into our social fabric.

With a 14-year career in the Oregon Legislature, Mr. Bradbury will bring his experience balancing the conservation of Oregon's natural resources with much-needed economic development. Always devoted to fish conservation, Mr. Bradbury passed legislation that developed the Salmon and Trout Enhancement Program (STEP), and also directed the non-profit organization, for the Sake of the Salmon, during which he worked with representatives from Native American tribes; federal, state and local governments; and timber, agriculture and fishing interests. Currently, Mr. Bradbury represents Oregon on the Northwest Power and Conservation Council.

Eric Quaempts is currently the Director for the Confederated Tribes of the Umatilla Indian Reservation (CTUIR) Department of Natural Resources and is the Tribal representative for the Oregon Watershed Enhancement Board (OWEB). Mr. Quaempts will bring his perspective on fisheries management from a 'first foods' context. The CTUIR has been widely recognized for their first foods initiatives, which base resource management strategies around protecting the 'first foods' ritualistically served in a tribal meal. Mr. Quaempts has presented the first foods concept in a variety of natural resource and planning forums, and will be a great fit for our 2012 annual meeting theme.

2012 OREGON CHAPTER ANNUAL MEETING: CALL FOR ABSTRACTS

SUBMIT ABSTRACTS AT: WWW.ORAFS.ORG

DEADLINE: DECEMBER 16, 2011

CONTRIBUTED ORAL AND POSTER ABSTRACTS: INSTRUCTIONS

Disseminating our work is the heart and soul of the annual meetings. The program committee welcomes your abstract for oral presentations and posters. As always, the meeting will include a poster session that encourages discussion between authors and attendees, and provides great networking opportunities.

Abstracts for ALL presentations and posters must be submitted by using the online abstract form, which will be available on the ORAFS website in late October (www.orafs.org). Although the form does most of the work for you, there are a few things to do BEFORE you log onto the form:

- 1) Develop a brief but descriptive title, avoiding acronyms or scientific names in the title unless the common name is not widely known.
- 2) List all authors, their affiliations, addresses, telephone numbers, and e-mail addresses.
- 3) Type a succinct abstract of <300 words that summarizes your objectives, methods, and findings. This can be cut and pasted into the abstract box of the form to reduce your online time and help avoid system crashes.

All presenters will receive an e-mail confirmation of their abstract submission and will be notified of acceptance by December 30, 2011. Designated time and place of presentations will be made available by January 13, 2012.

Poster Session and Trade Show Details: The Poster Session and Trade Show Social will be held Wednesday night, February 29, 2012. The ORAFS Annual Meeting will provide space for up to 32 posters. Posters, not to exceed **4 ft x 4 ft**, can be set-up from 5:30 p.m.-7:30 p.m. on Wednesday, February 29, 2012, and must be removed no later than 10:30 a.m. on Friday, March 2, 2012. Poster display boards will be provided; however, authors will be required to **provide their own means of poster attachment (i.e., push-pins)**. When preparing your poster, please consider items such as font size, font color, graphics, etc., that will enable people to view your poster clearly from 3-6 ft away.

Questions? Contact poster session chair: Bill Brignon at (360) 604-2500 or VicePresident@orafs.org; and Trade Show chair: Demian Ebert at (503) 227-1042 ext 22 or PastPresident@orafs.org.



SEEKING RAFFLE AND AUCTION DONATIONS!

The ORAFS counts on donations to, and proceeds from, the Raffle and Auction to help fund our scholarship programs and keep meeting fees low. For donors, it's a great way to advertise products and services to our large but targeted audience. Plus, it's a fun part of the Banquet. Some of the most popular items in past years have been fish art, prints, handmade items, guided fishing trips, outdoor gear, professional fisheries gear, books, and fine beverages. **Please consider donating**, or contacting your favorite local vendors to gather donations.

SHOW OFF AND SHARE YOUR PRODUCTS, SERVICES, EXPERIENCE, ART AND OTHER SKILLS!

To Donate or Assist, Contact: Alison Dauble (Alison.D.Dauble@state.or.us, 541-867-0300 x 284) or Brook Silver (brook_silver@fws.gov, 503-239-7378)

CALLING ALL ARTISTS! ANNUAL MEETING PROGRAM COVER ART CONTEST

The program committee is looking for talented artists to develop the cover of the 2012 annual meeting program guide. We welcome entries from all artistic media that can be well-displayed on the annual meeting program cover. Along with a creative interpretation of our meeting theme "Weaving Fish into Our Social Fabric", all cover art submissions should include the following:

- The text: "Oregon Chapter American Fisheries Society 48th Annual Meeting"
- The theme: "Weaving Fish into Our Social Fabric"
- The meeting dates: "February 28-March 2, 2012"
- The meeting location: "Eugene, Oregon"
- Submissions must be high resolution and print-ready.

Along with bragging rights, wide distribution of your artistic prowess, the cover art contest winner will receive **\$100.00 in cash!**

Cover art submissions will be judged on artistic skill, creativity, and relationship to the meeting theme. Deadline to submit cover art entries is **December 16th, 2011**. Cover art submissions should be sent *electronically* to the program chair, Jeff Yanke (PresidentElect@orafs.org). Look for more information on the cover art contest at the annual meeting website (www.orafs.org).

SAVE THE DATE
FEB 28 - MAR 2, 2012
REGISTRATION OPENING SOON!
MARK YOUR CALENDARS!



Early registration for the 2012 ORAFS Annual Meeting will be available online at **www.orafs.org** in late October. Stay tuned for more information and visit our website, www.orafs.org for the latest information and to access the registration form.

If, after checking the website, you have any 2012 Annual Meeting registration questions, please contact Michele Weaver at SecTreasurer@orafs.org, 971-673-6062.

FIRST CALL FOR AWARD NOMINATIONS

NOMINATE A DESERVING COLLEAGUE TODAY!



As the summer field season concludes and you head back into the office or the classroom, it is a good time to reflect not only your accomplishments over the past year, but also on those of your peers. There are so many folks out there doing outstanding work, it is time to recognize them! You can now nominate them for an award to be presented at this year's annual meeting.

You know who these people are...the hardworking peer, the inspirational mentor, the energetic teacher, the partner from another agency, the private landowner who worked so hard to do that great habitat work, or the team who overcame great obstacles to accomplish something unique. Now is a great time to start putting your thoughts on paper so you will have plenty of time to refine your nomination before the due date of **January 9, 2012**.

For all awards except Broken Oar, you should indicate how the nominee's efforts are above and beyond their regular job. All awards are discretionary- none are required to be given each year. All awards are limited to one recipient per year, except for Awards of Merit where multiple recipients may be rewarded within a year.

Fishery Worker of the Year

This is the Chapter's most prestigious individual award. Nominees **must be AFS members in good standing** who are responsible for substantial single or sustained accomplishments above and beyond their regular job, often spanning many years. Nominations should indicate how efforts are related to the goals of guiding and influencing sound resource practices.

Fishery Team of the Year

This award recognizes outstanding teams that merit acknowledgement for excellent work beyond an Award of Merit. The stringent award criteria are similar to the Fishery Worker of the Year, but for team efforts. This award recognizes the collaborative efforts to understand and manage fisheries resources, and that these efforts frequently cross geographic, disciplinary and

socioeconomic boundaries. At least one nominee of the team must be an **AFS member** in good standing. The team or group must have been responsible for substantial single or sustained accomplishments. Each member of the team nominated must have produced a substantial portion of the work. Nominations should indicate how they are related to the goals of guiding or influencing sound resource practices. To demonstrate equivalent contributions, describe substantive contributions of each member of the team.

Award of Merit

This award recognizes **individuals, groups, or organizations** that have made special contributions, above and beyond normal job requirements, to fisheries science or the American Fisheries Society over one or more years. Successful nominees display evidence of creativity, cooperation and results. Nominees do **not need to be AFS members**.

Bill Wingfield Memorial Award in Fish Culture

Nominees should be **individuals or groups** that have contributed significantly to advancing fish culture (including fish health) in Oregon. **AFS members or non-members** may be nominated.

Broken Oar Award

Everyone's favorite award, and just for fun, the Broken Oar Award is presented for "outstanding display of field technique and coordination." No doubt you already have some nominees in mind from this year's field season! **AFS members or non-members** may be nominated.

Full description of awards criteria and suggestions about how to write nominations is posted on the ORAFS website at: <http://www.orafs.org/Awards.html>, or can be obtained by contacting the Awards Chair, **Mindy Simmons, at 503-808-4766, or mindy.m.simmons@usace.army.mil**

DEADLINE FOR NOMINATIONS IS: January 9, 2012

DO YOU HAVE A NEWS ITEM YOU WANT TO SHARE IN THE DECEMBER ISSUE OF THE PISCATORIAL PRESS?

If so, the submission deadline for the next issue is **December 15, 2011**. Send submissions to Allison Evans at: allison.evans@oregonstate.edu