



Piscatorial Press

Oregon Chapter of the American Fisheries Society
WINTER 2001-2002

PRESIDENT'S CORNER

"FISHERIES IN THE ELECTRONIC AGE"

You would think a discussion about fisheries and electronics would focus on cool, high-tech tools we use in our profession these days—technological advances like sonic tagging, DNA analysis, sonar gear, GIS applications, and other wizardry—but not today. The subject for discussion is the use of electronics in the function of our Oregon AFS Chapter.

The Chapter has been using new technology in many ways these past few years. We have a website, we are considering on-line registration for conferences and workshops, and we review drafts of articles and correspondence via email. We can share, distribute, and comment on lots of things, but we need to hear from *you* as to how you need or want to participate in your Chapter. What we will be discussing this year are better ways to communicate in the new "E World" and you may be asked at this year's annual meeting to let us know how we can best reach out to you either through email, the web, FAX, or mailings.

We are implementing, for example, a listserv to send out announcements of Chapter news and events to all subscribers (see page 15 to subscribe). We are also considering the pros and cons of switching to an all- electronic newsletter. Joan Baker, our Secretary -Treasurer, is comparing the pros and cons of this format and we will be asking for your input on this at the annual meeting.

And although we are the largest AFS Chapter in the nation (470+), we can't seem to find enough members to serve as Committee Chairs—or even on any committee! Chuck Huntington, our Chapter External Director, will be discussing that issue elsewhere in this newsletter (Page 9). We hope to have functioning committees in place by next Fall, as we prepare for another interesting legislative year in 2003!

The advantages of the new communications options are many, but we've got to balance them with solutions that enhance our actions, interests, and participation as members of our profession and our Chapter. We have the membership level that should contribute to strong committee activity—we just have to figure out the best way to do it. So think about how you would like to be involved in future Chapter activities, and have your email, phone, and FAX numbers handy when you arrive at our 38th Annual Meeting in Sunriver, Oregon, February 27th, or at one of the great writing workshops we are offering February 26-27th. I'm looking forward to communicating with you in the old-fashioned way—chatting over refreshments! See you there!

Please note: The USFWS does not currently have email capability. Please contact me via phone if you have questions or concerns: 503-231-6233.

Tony Faast, President

2002 Annual Meeting Draft Agenda Pages 10-14

**Don't Forget! Deadline is
January 25th for Discounted
Lodging Rates at Sunriver**

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VISIT THESE WEBSITES:
Oregon Chapter Webpage:
www.osu.orst.edu/groups/orafs

Legislative Updates:
www.stephenkafoury.com

SOMETHING FOR EVERYONE AT THE 2002 AFS ANNUAL MEETING!

After a two-year hiatus, the Oregon Chapter AFS annual meeting is back by popular demand at Sunriver Resort, Oregon. Please note the meeting will be held a little later than previous meetings, Wednesday-Friday, February 27-March 1, 2002; with workshops starting Tuesday, February 26. Sunriver has some great new facilities with plenty of room for our sessions and socials. The lodge can arrange for housing in its own rooms, condos, or houses in Sunriver, but cutoff for conference lodging rates is January 25th.

(See registration form pages 5-6)

Highlights of the 2002 Meeting :

◆ **Your pick of two great premeeting workshops on *Developing Effective Communication Skills***, which will be held prior to the annual meeting from 1pm Tuesday, February 26, through the morning of February 27. A survey conducted by the parent society identified technical writing and communication skills, in addition to other topics, as areas in need of continuing education. The two workshops are listed below and described on page 4:

◆ **“Writing That Works,” Facilitated by Martha Brookes**, Science Editor for over 35 years at Oregon State University, PNW Research Station; and science writing instructor at OSU.

◆ **“Principles of Effective Communication,” Facilitated by Norm Hesseldahl**, 30-year veteran of Public Involvement and Outreach in the Pacific Northwest. Former Public Affairs Officer for the Siuslaw National Forest and the Ochoco National Forest; Outreach Specialist for the NE Region, ODFW.

◆ Arrive early on February 27th to enjoy the welcome social, browse the sales tables for fishy items, and network with other professionals.

◆ **Workforce Diversity Luncheon** Lunch (\$17) Wednesday, Feb 27, 11:45am-12:45pm. MaryLou Keefe of Harza and Associates is organizing this event focusing on understanding and promoting a diverse workforce.

◆ **Plenary session “Learning from Our Successes and Mistakes,”** with five inspiring speakers.

◆ **Student-Mentor Networking** (a.k.a. “Match the Hatch”), Wednesday night preceding the combined poster-social.

◆ **Combined Poster Session & Social** Brews and browsing Wednesday evening at this ever-popular event.

◆ **Spawning Run** get your fix Thursday morning in this 5K fun run. Prizes for top runners!

◆ A full day and a half of **technical sessions and contributed papers**.

◆ **Combined Oregon Chapter business meeting and luncheon** (included in registration). We are foregoing Committee meetings after the business meeting to make room for more sessions.

◆ **Thursday night banquet (\$22) and raffle-auction** with no-host bar and reception, award presentations; and boogie to the music of *Countrified!* **You may attend the auction-raffle and dance at no charge. Don't forget some extra cash or credit card for those raffle tickets and gotta-have auction items!**

The 2002 return to Sunriver annual meeting should not be missed! To help make your participation more enjoyable, keep in mind the following:

◆ **Register early, by February 4th to avoid the paying a late fee, and reserve your lodging at Sunriver by January 25th to receive discounted rates (1-800-547-3922). Request Oregon Chapter Fisheries rates when reserving your room to receive discounts (see registration form on pages 5-6 for rate details).**

◆ **Bring a guest! Sign them up for the socials, luncheon or banquet (see registration form on pages 5-6).**

◆ **Check the Oregon Chapter web site for annual meeting updates (www.osu.orst.edu/groups/orafs). FMI Contact: Steve Smith: 503-263-1263; huntersmith@canby.com**

◆ **Contact Loretta Brenner: 541-753-0442; brennerL@peak.org, if you have registration questions.**

Piscatorial Press is a quarterly newsletter of the Oregon Chapter American Fisheries Society a non-profit membership organization. Submission deadlines see back page.

CHANGE OF ADDRESS?

Please submit a copy of your old & new addresses to both:

American Fisheries Society, Membership Department
5410 Grosvenor Lane, Suite 110
Bethesda, MD 20814-2199
301-897-8616 main@fisheries.org www.fisheries.org

AND

Oregon Chapter AFS
PO Box 722, Corvallis, OR 97339
541-753-0442 brennerL@peak.org osu.orst.edu/groups/orafs

MEMBERSHIP APPLICATIONS: Contact the national office or the Oregon Chapter, or visit their websites

Be sure to tell the national office that you want to be an Oregon Chapter Member!

Don't miss the Exciting Plenary Session at the 38th Annual Meeting! "LEARNING FROM OUR SUCCESSES AND MISTAKES"

The plenary session brings us dynamic speakers from a number of venues – some familiar names and some new faces. The theme, "Learning From Our Successes and Mistakes...Producing Results that Matter", provides opportunities for lively and thought provoking presentations. The speakers will look at organizational and individual attitudes and practices that have influenced our effectiveness in managing fishery resources. Here's an overview of the speakers and the titles of their talks.

William Dietrich, "*Learning from the Columbia: Successes, Failures, and Possibilities*". Bill is a novelist and non-fiction author who lives on Fidalgo Island in Washington State, and who wrote "Northwest Passage: The Great Columbia River" (1995) and "The Final Forest" (1992). During a 25-year career as a newspaper journalist, he covered natural resource and science issues in the Pacific Northwest. He shared a Pulitzer for coverage of the Exxon Valdez oil spill in 1989, was a Nieman Fellow at Harvard, and received several reporting fellowships as a science reporter to Antarctica and the Arctic.

Lawrence Stevens, "*The Role of Embedded Biases in Adaptive Management of the Colorado River*." A native of Ohio, Larry received his undergraduate degree from Prescott College and his M.S. and Ph.D. from Northern Arizona University in Flagstaff, Arizona. He is an avid natural historian and river runner, and has spent the past quarter century engaged in research on river ecology, with an emphasis on riparian zones. He studies dam impacts, native and non-native vegetation dynamics, biogeography, and ecological processes in river ecosystems, particularly the Colorado River ecosystem in the Grand Canyon. He has worked for various Department of the Interior agencies and is presently the Science Advisor for the Grand Canyon Wildlands Council.

Robert Lackey, "*Salmon Recovery: Learning from Successes and Mistakes*". Bob is a fishery biologist and special assistant for salmon research at the Environmental Protection Agency's research laboratory in Corvallis and is also courtesy professor of fisheries and adjunct professor of political science at Oregon State University. For the past 35 years he has dealt with a range of natural resource issues from positions in government and academia. Among his professional interests are natural resource ecology, ecosystem management, ecological risk assessment, and especially the interface between science and public policy. He has written 95 scientific journal articles, a book on fisheries science, as well as editing three others. Bob also has long been active in natural resources education, having taught at five North American universities. He continues to regularly teach a graduate course in ecological policy at Oregon State University. He was a 1999-2000 Fulbright Scholar at the University of Northern British Columbia.

David Bella, "*Wild Salmon: Can We Be Realistic, More Hopeful and More Effective?*" Dave is Professor Emeritus in Water Resource Engineering at Oregon State University. His research interests have been directed toward environmental and technological impact assessments. Over the last 30 years, his research and consulting have involved him in a wide range of assessment controversies, including cumulative environmental impacts, global climate change, nuclear waste disposal, space-based weaponry, and disposal of chemical munitions. This broad range of experience led him to examine complex human systems, which, he claims, we too often misperceive. Drawing upon historical examples ranging from nineteenth-century slavery in America to the Chernobyl explosion in the former Soviet Union, Dave has developed

approaches that describe how people can become caught up in vast behavior systems that become self-sustaining, often with catastrophic consequences. He applies these methods to current problems, including environmental impact assessments.

Jim Martin, "*Leadership: A Tale of Six Mentors*." Jim recently retired after 30 years with the Oregon Department of Fish and Wildlife and has joined Pure Fishing as Conservation Director. Pure Fishing is one of the largest fishing tackle companies in the world and is the industry leader in conservation advocacy. During his career with ODFW, Jim spent six years as Chief of Fisheries and three years as Salmon Advisor to Governor John Kitzhaber. He led the team that developed the Oregon Plan for Salmon and Watersheds, a state conservation plan to address endangered species and clean water issues in Oregon. Jim has a Bachelor's Degree in Wildlife and a Master's Degree in Fisheries from Oregon State University. He holds a courtesy appointment at OSU, where he teaches Natural Resource Problem Solving in the Department of Fisheries and Wildlife. He is also a Board Member for the National Wildlife Federation, the nation's largest volunteer-based conservation organization.

Mary Buckman, Incoming President and 2002 Annual Meeting Chair

**Check out the
Oregon Chapter AFS
2002 Annual Meeting
draft agenda on
pages 10-14**

PREMEETING WORKSHOPS - DEVELOPING COMMUNICATION SKILLS

Sign up for these concurrent workshops on the annual meeting registration form on pages 5-6. Visit our website for updates:

www.osu.orst.edu/groups/orafs

Workshop A:

"Writing That Works" Is report writing an important part of your life? Are you expected to produce agency reports, grant proposals, NEPA documents, journal articles, or other written materials? If so, you'll want to participate in Martha Brookes' writing workshop preceding this year's annual meeting. The workshop will emphasize conciseness, clarity, and honesty—with a focus on the breadth and diversity of the likely readership of these important documents. Martha Brookes has been a science editor for more than 35 years (Oregon State University, PNW Research Station) and taught science writing for graduate students at Oregon State. This hands-on workshop will be based on the interests and backgrounds of the participants.

For more information contact Mary Buckman: mary.buckman@orst.edu; or Martha Brookes at: 541-753-1417.

Workshop B:

"Principles of Successful Public Communication"

Norm Hesseldahl will present a workshop focusing on new skills and insights into the "other" activities in which a professional biologist is expected to participate. The workshop will be taught by a cadre of professionals in natural resource communications with many years on the front lines. *For more information contact Norm at: Norman_Hesseldahl@lebanon.k12.or.us*

AGENDA

Tuesday, February 26

- 1:00 Welcome and introduction; Norm Hesseldahl, Lebanon Community Schools
- 1:05 Professional Ethics in Public Contacts; Tony Faast, US Fish and Wildlife Service
- 1:35 Meetings, Meetings, Meetings; Myron Blank, Mt. Hood National Forest
- 2:50 BREAK
- 3:00 Media Relations; Doug Huntington, Bureau of Land Management
- 4:15 Learning Styles; Bill Hastie, Oregon Plan for Salmon & Watersheds
- 5:00 ADJOURN
- 7:00 Effective Graphics in Meetings and Public (optional evening activity); Doug Huntington

Wednesday, February 27

- 7:30 Tools for Implementing Public Involvement; Tony Faast
- 8:30 Issue Management; Kathy Shinn, Oregon Dept Fish & Wildlife
- 9:30 BREAK
- 9:45 Teams Characteristics & Management; Susan Sahnaw, Oregon Dept Fish & Wildlife
- 10:45 Public Involvement for Major Programs; Guillermo Giannico, Oregon State University
- 11:30 ADJOURN

REGISTRATION FORM (page 1 of 2)
2002 ANNUAL MEETING & WORKSHOPS
Oregon Chapter American Fisheries Society
Workshops: February 26-27, 2002 & Annual Meeting February 27-March 1, 2002
Sunriver Resort, Sunriver, Oregon
(Please submit one form per person; early registrations must be postmarked by February 4, 2002)

Name (for name badge) _____

Affiliation _____

Address _____

City _____ State _____ Zip _____

Phone _____ Email _____

Guest Name(s) for social, banquet and/or luncheon _____

Member of _____ AFS Chapter(s) I DO NOT want my name included on an attendee list

PLEASE CHECK THE APPROPRIATE BOXES:

- I am presenting a (circle one) paper / poster I plan to attend 'Match the Hatch' student-mentor social Wed night
 I am a student presenter and would like to be included in the student paper / poster competition I would like to be a student mentor. Indicate area of professional interest _____

ANNUAL MEETING REGISTRATION February 27-March 1, (Feb. 27, Welcome Coffee 10am, Plenary 1pm; Mar.1, Adjourns 12noon)

(includes coffee breaks, Wed. morning welcome coffee and evening social, Thurs. business lunch, & Thurs. night raffle, auction, & dance)

Become a member of AFS and reduce your registration costs! Contact AFS at our website osu.orst.edu/groups/orafs for membership information

Yes! I have just paid AFS membership dues, please register me at member rates! *(enclose copy of membership form or AFS membership number)*

AFS MEMBER (record fee on the line to the right)

EARLY REGISTRATION Postmarked by February 4

Regular	\$85
Retired	\$60
Student or Retired	\$40
One-day registration see below ¹	

NON MEMBER (record fee on the line to the right)

EARLY REGISTRATION Postmarked by February 4

Regular	\$110
Retired	\$85
Student or Retired	\$50
One-day registration see below ¹	

\$ _____

Thursday Business Lunch (Included in Registration—please check your selection):

- Chicken Dijon Turkey Croissant Sandwich & Salad Chef's Choice Penne Pasta (Veg.)

LATE FEE (Add to all workshop categories after February 4) **\$20/registrant** \$ _____

WORKFORCE DIVERSITY LUNCHEON (Feb. 27, Wed, prior to plenary, 11:45am-12:45pm)
 _____ Soup and Salad Buffet Lunch (vegetarian and non-vegetarian) **\$17 each** \$ _____

BRING A GUEST TO: **WEDNESDAY NIGHT SOCIAL & POSTER SESSION** **\$10 each** \$ _____
THURSDAY BUSINESS LUNCHEON (indicate lunch choice above) **\$15 each** \$ _____

THURSDAY NIGHT BANQUET (Thursday night, indicate selection(s) & number of dinners wanted)
 _____ Beef Sirloin _____ Chicken Portabella _____ Stuffed Bell Pepper (Veg.) **\$22 each** \$ _____

PRE-MEETING CONCURRENT WORKSHOPS - Feb. 26 (1-5pm) & Feb. 27 (7:30-11:30am). *Please indicate workshop choice. (Description of workshops can be found in the newsletter or on the Oregon AFS Website orst.osu.edu/groups/orafs)*

- Workshop A. "Writing That Works" - Martha Brookes**
 Workshop B. "Principles of Successful Public Communication" - Norm Hesseldahl

AFS MEMBER (record fee on the line to the right)

EARLY REGISTRATION Postmarked by February 4

Regular	\$90
Student or Retired	\$70

NON MEMBER (record fee on the line to the right)

EARLY REGISTRATION Postmarked by February 4

Regular	\$115
Student or Retired	\$95

\$ _____

LATE FEE (Add to all workshop categories after February 4) **\$20/registrant** \$ _____

**REGISTRATION FORM (page 2 of 2)
2002 ANNUAL MEETING & WORKSHOPS
Oregon Chapter American Fisheries Society**

VOLUNTARY CONTRIBUTION TO SPONSOR STUDENT REGISTRATION & LODGING \$ _____

PURCHASE ORDERS ADD PROCESSING FEE PER SEPARATE INVOICE \$20 / invoice \$ _____

TOTAL REGISTRATION PAYABLE TO OREGON CHAPTER AFS

501(c)3 Organization Federal Tax ID # 23-7226681

We accept payment by check, money order, Mastercard or Visa. Payment by check saves the Oregon Chapter money we spend on credit card processing fees. Thanks!

VISA or MASTER CARD PAYMENT

PRINT NAME (from card) _____ CARD # _____
SIGNATURE _____ EXPIRATION DATE _____
ZIP CODE FROM CARD BILLING ADDRESS (for verification) _____

BEFORE FEBRUARY 15, 2002 MAIL or FAX REGISTRATION TO:

Oregon Chapter AFS
P.O. Box 722
Corvallis, OR 97339

FAX: 541-757-4102

(please confirm receipt of FAX; call or email Loretta Brenner
541-753-0442; brennerL@peak.org)

AFTER FEBRUARY 15, 2002

Email: brennerL@peak.org or call 541-753-0442 to indicate you will be attending the meeting and
bring the registration form to on-site registration at Sunriver Conference Center.
On-site registrations are not guaranteed meal choices.

ONE-DAY FEE FOR ANNUAL MEETING:

For February 27, 28, & March 1 =80%, 80%, and 50% (respectively) of regular meeting rate.

REFUNDS: Cancellations in writing prior to February 15, will be refunded minus a \$20 admin. fee. NO REFUNDS AFTER FEB. 15, 2002

LODGING: call Sunriver Lodge 1-800-547-3922 and request Oregon AFS Fisheries rates. Reservations must be made by January 25th to guarantee group rates. Lodge Guestroom: \$70 single, \$80 double; Lodge Suite: \$145; 2 Bedroom Condo: \$145; 2 Bedroom Loft Condo: \$155; 3 Bedroom Home: \$185; 4 Bedroom Home: \$275.

ANNUAL MEETING QUESTIONS: Steve Smith, 503-263-1253; huntersmith@canby.com

REGISTRATION QUESTIONS: Contact: Loretta Brenner, brennerL@peak.org

ANNUAL MEETING UPDATES & INFO: www.osu.orst.edu/groups/orafs

Give a Little Get A Lot!
DONATIONS NEEDED FOR OREGON AFS
RAFFLE & AUCTION

One of the highlights of the Oregon Chapter's Annual Meeting is our Auction-Raffle. Donating to the Auction-Raffle is probably one of the easiest and most creative ways to help out the Oregon Chapter. Where else can you get really great stuff, for such a low investment, and know that your money goes directly into supporting Chapter activities and actions? So now is the time to canvas the fishing shops, call in old favors, and clean out your closets! Handcrafted items like quilts, homebrew, flies, books, artwork, photos, and trips lend an especially nice touch. Your contributions are tax-deductible and help fuel the good work and activities of the Chapter. Don't delay, donate today! **You can find donation forms on the Oregon Chapter website osu.orst.edu/groups/orafs.**

I am still seeking a co-chair for this event or someone to volunteer to be "incoming" chair for 2003 by assisting and learning the ropes for 2002's event. If you are interested in helping the Oregon Chapter host another fantastic raffle and auction, please contact Chris Allen. *THANKS!!!*

Contact Auction & Raffle Chair

Chris Allen at:

Phone: 503-231-6179; Fax: 503-231-6195

chris_allen@fws.gov (Chris cannot be reached via email at of 1/14/02)

**WORKFORCE
DIVERSITY
LUNCHEON
2002**

**Wednesday, February 27
11:45am-12:45pm**

Don't miss this pre-plenary session luncheon focusing on understanding and promoting a diverse workforce. A luncheon speaker and lively discussion of diversity issues, are on the menu with a soup and salad buffet (\$17). Sign up today on the annual meeting registration form!

For more information contact:

MaryLou Keefe

503-443-4885

mkeefe@harza.com

PLAN TO ATTEND...
THE 2002 STUDENT-MENTOR GATHERING

This year's Match-the-Hatch is scheduled for Wednesday night, February 27, 6:00-7pm, prior to the Poster Session and Social. Students are eager to learn about professional duties, employer attributes, and career planning from those of you willing to share your thoughts and experiences.

To ease and increase student-mentor interactions this year, we will be providing tables labeled according to professional area of interest. Mentors will be able to grab a chair at a table of their choice, allowing students to engage them based on their budding professional interests. Mentors are asked to share the positive and challenging aspects of their jobs, their organizations, and their careers. Students have indicated interest in the following professional pursuits: Habitat/Ecosystem Restoration, Fisheries Management, Hydrology, Marine Species, Desert Ecosystems, Artificial Propagation, Aquatic Ecology, Law Enforcement, Research, and Education/PR/Outreach.

Mentors can also share their knowledge about pursuing a career in state, tribal and federal governments, private industry, consulting, and academia. Prospective mentors and students are asked to check the boxes on the registration form so we can plan for a successful "Hatch". Snacks and refreshments will be provided. Check the appropriate boxes on the registration form (pages 5-6).

For more information contact Steve Smith, Internal Director and Arrangements Chair, 503-263-1253, huntersmith@canby.com

**STILL SEEKING EXCOM
MEMBERS**

We are still diligently (desperately?) seeking nominees for the 2002-2003 annual meeting. Current ExCom members Gretchen Oosterhout (Vice President), and Steve Smith (Internal Director), have agreed to run for another year, but we are still accepting nominations for all positions.

We seek candidates for:
President (3-year term)*

Vice President

Secretary-Treasurer

Internal Director

External Director

(*3year term = 1 year each as president-elect, president, past-president)

Elections will be held at the annual meeting in February, 2002 and the one-year term begins September 1, 2002. If interested please contact the nominations chair right away. Thanks!

**Denny Lassuy, Past-President
503-872-2763**

WATERSHED WORKSHOP “WOWS” RESTORATIONISTS!

WOW! was the expletive most exclaimed by the 430 participants of the Watershed Restoration Workshop: Integrating Practical Approaches, held November 2001 in Eugene, Oregon. This educational workshop, like its two predecessors, sold out weeks in advance — indicating a continuing need for training which the AFS can help satisfy. Though designed for the Northwest, the program drew participants from as far as California, Alaska, and Wyoming.

The sponsoring Oregon Chapter targeted grassroots “restorationists” — and succeeded, with an audience including watershed council coordinators, consultants, contractors, conservationists, landowners, fisherfolks, foresters, botanists and backhoe operators. One key to the diverse attendance was the low registration fee made possible by generous donations of time and energy by the primary planners, Bianca Streif (USFWS) and Dan Shively (USFS); the 26 speakers; and of financial sponsorships from several agencies and groups. At least 30 “financially challenged” restoration workers and volunteers received fee assistance to attend.

Besides the training from a diverse group of experts, and exceptional networking opportunities, participants received a 2-inch-thick workbook with supporting materials for reference into the future (workbooks were entirely distributed, so please don't call to ask for one). More than 40 participants registered for AFS Continuing Education Credit upon workshop completion.

One highlight of the event was an evening social where fifteen vendors, consultants, and service groups explained their products amid the flow of refreshments donated by Oregon's finest microbrewers and vintners. Artwork, outreach, on-site products and services, planning services, and monitoring equipment were all on display.

Restoration experts from along the coast and throughout the Columbia Basin, explained concepts and shared experiences to help participants understand how to identify and integrate the most practical approaches to restoring habitat and functions in their own watersheds.

Topics included: the philosophy of restoration (Bob Beschta); watershed assessment, problem identification, and prioritization (Kate Sullivan and Chris Frissell); concepts in hydrology and fluvial geomorphology (Janine Castro); riparian revegetation and noxious weeds (Clay Antieau, Lisa Lewis, and Chris Hoag); road, culvert, and bio-engineering treatments (Rebecca Lloyd, Mike Furniss, and Michelle Cramer); restoring wetlands, salt marshes, and estuaries (Esther Lev and Dan Bottom); restoring meadows, meanders, and off-channel habitats (Rob Sampson and Jeff Cederholm); floodplain and in-channel treatments (George Pess, Brian Bair and Christian Fromuth); a critical review of fish habitat projects (Pete Bisson); nutrients and the salmon carcass link (Ken Ashley); involving the public and private sector (Holly Coccoli and Dave Buchanan); ESA concerns and contractor management (Rollie White and Bruce Henderson); project and validation monitoring (Jeff Kershner and Phil Roni).

Pete Bisson noted that few watershed-scale monitoring efforts have proceeded consistently and long enough to distinguish experimental effects from natural variability. He pleaded for more scientists to make personal commitments to consistent, career-length studies to correct this handicap — despite administrative hurdles.

Willa Nehlsen wrapped up the workshop with a message that habitat restoration is likely to be one of the most important fields in the new millenium, and that the enthusiasm evident at the workshop was an encouraging sign.

Here's a tiny taste of the lessons shared during the busy three days: Passive restoration is still the logical and necessary first step, but response times vary from years to centuries — thus patience is a key attribute for restorationists. Streams and reaches with the least disturbance often have the greatest propensity for a response from the infusion of always-limited restoration effort. Channel treatments such as the addition of wood must also consider the floodplain as an integral part of the system. Desired and attainable future conditions are often more appropriate goals than historic conditions, especially in urban streams. Willow cuttings survive best if ¾-3 inches in diameter and planted with at least half their length underground, at least 8 inches lower than the lowest water table of the year, and with 3-4 buds exposed. Estuaries may be incredibly important transition zones for salmonids, and although little is known about their functions, restorations that tend toward natural conditions (e.g. breaching of dikes) can produce benefits with low risk of ecological damage. Landowners need education and clear, simple fact sheets and contracts not encumbered by lawyerese. Contractors need room to exercise creativity in on-ground construction, but must document all design changes to accurately describe the as-built project. Adult salmon are composed, by weight, of 3% nitrogen and 0.3% phosphorous (“nature's perfect ratio”), nearly all captured from the ocean. The use of carcasses and fertilizers in restoration must consider the potential for disease transmission and pollutants. Targeting parr and/or smolt production in a replicated post-treatment sampling design is emerging as the most useful method for monitoring salmonid responses to watershed-level activities.

*Richard Grost,
Arrangements Coordinator*

LOOKING FOR A FEW GOOD EXTERNAL COMMITTEE MEMBERS

The Oregon Chapter's five external committees provide members an opportunity to work together on small or large projects of both personal and professional interest. In the past, these projects have varied from developing educational materials and working with students in public schools, to mapping the strongholds of aquatic biodiversity within Oregon, to performing independent reviews of technical documents or resource management plans, to preparing testimony for the Oregon Legislature, and to developing a recent white paper on the contentious hatchery versus wild fish issue. Each of the committees gets involved in projects within its own area of emphasis: Education & Outreach, Aquatic Habitat, Natural Production, Fish Culture, or Legislative. Collectively, the external committees have long been a major strength of the Chapter and one of many reasons our organization is so highly regarded.

Each year at the annual meeting interested Chapter members are encouraged to get or stay involved in one of our five external committees, and the Chair of each committee develops his or her own contact list of volunteers. This allows the Chair to communicate with committee members and to update people on project opportunities and/or progress during the year following the meeting. The contact lists have proven quite valuable over the years, but have provided a less than perfect means of extending invitations to participate in committee activities because (1) not all Chapter members attend each annual meeting and (2) interest in participating on the committees is affected by specific issues or projects that sometimes arise after the annual meeting has occurred.

During 2002, our committee Chairs plan to upgrade their contact lists so that potentially interested Chapter members can be more effectively updated on opportunities to get involved in committee projects. In addition to traditional committee get-togethers at the upcoming annual meeting in Sunriver, we will have sign-up sheets at the meeting registration booth that enable Chapter members to get on an email update list for any external committee of their choosing. These lists will be used to give potentially interested members occasional and timely updates on opportunities to get involved on committee projects. We are also implementing a Chapter Listserve to provide a means of sending announcements and requests to interested members.

We are also encouraging any Chapter member who will not be at the annual meeting, but who wants to receive electronic updates from a particular committee, to sign up by sending a response to my email address (cwbio@canby.com) that indicates which committee is of interest.

The committee Chairs and I are looking forward to the annual meeting and a productive 2002. We hope to see you at Sunriver!

Chuck Huntington, External Director

OREGON CHAPTER WELCOMES NEW NATURAL PRODUCTION WESTSIDE CHAIR

Steve Jacobs, a long-time Chapter member and biologist in Oregon, has volunteered to step forward and serve as a new Westside Co-Chair of the Natural Production Committee!

He has worked for many years with the Oregon Department of Fish and Wildlife out of Corvallis, playing a key role in evaluating, improving, and implementing the state program that monitors natural salmon escapements in watersheds on the Oregon Coast.

Steve looks forward to working with other committee members on what are sure to be some interesting natural production and ESA-related issues during the upcoming year. Welcome aboard Steve!

**Contact Steve Jacobs at
541-757-4263 x261;
jacobss@fsl.orst.edu**

Your Vote Counts!!!

Can't attend the 2002 Annual Meeting in Sunriver?

Print the "Vote by Proxy" form from the Oregon Chapter AFS website:

www.osu.orst.edu/groups/orafs

OREGON CHAPTER 2002 ANNUAL MEETING

DRAFT AGENDA (for updates visit our webpage)

February 27-March 1; Sunriver Resort, Oregon

Please note: Cutoff for early bird rates at Sunriver is January 25

Cutoff for early registration is February 4, 2002

PRE-MEETING WORKSHOPS

TUESDAY & WEDNESDAY FEBRUARY 26 & 27

Writing Workshops (Tues. 1-5pm; Wed. 7:30-11:30am)

(Register Separately)

A. "Writing That Works" – Martha Brookes

B. "Principles of Successful Communication"
– Norm Hesseldahl (see agenda page 5)

ANNUAL MEETING

Student presenters in **bold and underlined**

"*" Indicates presenter

WEDNESDAY FEBRUARY 27

10:00-11:30 **Welcome Social – Complimentary Coffee**

10:00-5:00 **Registration Desk & Sales Table**

11:45-12:45 **Workforce Diversity Luncheon –
Guest Speaker (Additional fee)**

10:00-6:30 **Poster Setup**

1:00-5:00 **Plenary Session**

(See newsletter for speaker details)

William Dietrich, "*Learning from the Columbia: Successes, Failures, and Possibilities*".

Lawrence Stevens, "*The Role of Embedded Biases in Adaptive Management of the Colorado River*."

Robert Lackey, "*Salmon Recovery: Learning from Successes and Mistakes*".

David Bella, "*Wild Salmon: Can We Be Realistic, More Hopeful and More Effective?*"

Jim Martin, "*Leadership: A Tale of Six Mentors*."

6:00-7:00 **Student-Mentor Reception**

7:00-11:00 **Chapter Poster Session & Social**

THURSDAY FEBRUARY 28

Session 1: Issues in Science and Management of Hatchery and Wild Salmonids; Convener: Jim Hall, Department of Fisheries and Wildlife, Oregon State University

8:00 Introduction

8:10 Hatcheries, harvest, and wild fish: an integrated program at Warm Springs National Fish Hatchery;
*Doug Olson**, *U.S. Fish and Wildlife Service*, and *Bob Spateholts, Confederated Tribes of the Warm Springs Reservation of Oregon*

8:30 Successful natural production of hatchery spring chinook salmon: a lesson from Lookingglass Creek in Eastern Oregon;
*Michael L. McLean** and *Peter T. Lofy, Confederated Tribes of the Umatilla Indian Reservation*, and *Richard W. Carmichael, Oregon Department of Fish and Wildlife*

8:50 Mechanisms for divergence of hatchery and wild fish populations: monitoring impacts in restoration efforts;
*Andre Talbot**, *Chris Beasley, Doug Hatch, and John Whiteaker, Columbia River Inter-Tribal Fish Commission*

9:10 Roles for risk assessment in managing hatchery and wild salmonids;
Ken Currens, Northwest Indian Fisheries Commission

9:30 Hatcheries and the ESA;
Jim Lannan, Professor Emeritus, Oregon State University

9:50 – 10:10 **BREAK**

10:10 Negative association between the productivity of naturally spawning steelhead populations and the presence of hatchery-origin spawners;
Mark Chilcote, Oregon Department of Fish and Wildlife

10:30 The influence of hatchery coho salmon on the productivity of wild coho salmon populations in the Oregon Coast ESU;
Tom Nickelson, Oregon Department of Fish and Wildlife

10:50 What do we really know about hatcheries?
Ian Fleming, Department of Fisheries and Wildlife, Oregon State University

11:10 Conservation of wild salmon: why is it important?
Robin Waples, National Marine Fisheries Service

11:30 Wrap-up

Session 2: Juvenile Salmonid Migrants: Do We Know Where They Are Going? Convener: Carl Schreck, Department of Fisheries and Wildlife, Oregon State University

8:00 Introduction

8:10 Juvenile coho salmon winter use of off-channel habitat in southwestern British Columbia;
*G.R. Giannico**, *Department of Fisheries and Wildlife, Oregon State University*, and *S.G. Hinch, Forest Sciences Department, University of British Columbia*

8:30 Feasibility study to determine the distribution of juvenile hatchery spring chinook salmon in the Deschutes River and their potential effect upon the aquatic community;
*R.E. Wardell**, *N.S. Adams, and D. Rondorf, USGS, Columbia River Research Laboratory*, *D. Olson, U.S. Fish and Wildlife Service*, *C. Brun, B. Spateholts, and R. Dodson, Confederated Tribes of the Warm Springs Reservation of Oregon*

8:50 Rearing type-, reach-, and discharge-specific variation in migration behavior of juvenile steelhead through Lower Granite Reservoir, WA; *J.M. Plumb**, *M.S. Novic, A.C. Braatz, J.N. Lucchesi, N.S. Adams, and D. Rondorf, USGS Columbia River Research Laboratory*

9:10 Migration and survival of juvenile salmonids in the lower Columbia River and estuary: results from radio-telemetry;
*D.B. Jepsen**, *C.B. Schreck, S. Clements, and M. Karnowski, Department of Fisheries and Wildlife and USGS, Oregon Cooperative Fish and Wildlife Research Unit, Oregon State University*

9:30 Evaluating smolt migration and survival in near-shore and estuarine environments using hydro-acoustic arrays;
*M. Karnowski**, *C.B. Schreck, S. Clements, and D. Jepsen, Department of Fisheries and Wildlife and USGS, Oregon Cooperative Fish and Wildlife Research Unit, Oregon State University*

9:50 – 10:10 BREAK

- 10:10 Does size matter: we have the answer-A comparison of the behavior of juvenile salmonids in a large and small estuary; *S. Clements**, *C.B. Schreck*, *M. Karnowski*, and *D. Jepsen*, *Department of Fisheries and Wildlife and USGS, Oregon Cooperative Fish and Wildlife Research Unit, Oregon State University*
- 10:30 Estuarine migratory behavior of coho salmon smolts in South Sough, Oregon; *S. Sadro**, *South Slough National Estuarine Research Reserve*, and *B. A. Miller*, *Oregon Department of Fish and Wildlife*
- 10:50 Distribution and migrations of juvenile coho and chinook salmon off of Oregon and Washington; *D.C. Reese** and *J.P. Fisher*, *College of Oceanic and Atmospheric Sciences, Oregon State University*, *S. Hinton* and *D.J. Teel*, *Northwest Fisheries Science Center, NMFS-NOAA*
- 11:10 Salmon utilization of the ocean environment: The Pacific Ocean salmon tracking (POST) program; *George Boehlert**, *Pacific Fisheries Environmental Laboratory, NOAA-NMFS*, and *David Welch*, *Pacific Biological Station, Fisheries and Oceans Canada*
- 11:30 Spatial and temporal scales of movement by coastal cutthroat trout; *Stephen R. Hendricks**, *Department of Fisheries and Wildlife*, and *Robert E. Gresswell*, *U. S. Geological Service-Forest and Rangeland Ecosystem Science Center*

Session 3: Modeling and Management: Learning from the Past and Not Making the Same Mistakes in the Future
Conveners: Jeff Dambacher, Oregon Department of Fish and Wildlife, and Gretchen Oosterhout, Decision Matrix, Inc.

- 8:00 Introduction
- 8:10 A historical perspective of the Columbia River Indian Fishery; *Steven Olhausen*, *U.S. Fish and Wildlife Service*
- 8:30 Critical mistakes in management: the Oregon coho story; *Jim Martin*, *Conservation Director, Pure Fishing, Inc.* and *Tom Nickelson*, *Oregon Department of Fish and Wildlife*
- 8:50 The effect of environmentally driven variation in recruitment on sustainable yield from salmon populations; *Steven P. Cramer*, *S.P. Cramer & Associates*
- 9:10 Depensation: fact, myth, or math? *Earl Weber*, *Fisheries Scientist, Columbia River Inter-Tribal Fish Commission*
- 9:30 Maximum sustained yield and the dangers of fishery modeling; *Peter W. Lawson*, *National Marine Fisheries Service*

9:50 – 10:10 BREAK

- 10:10 Avoiding counterproductive “model wars”: why model interpretation should be qualitative; *Selina Heppell*, *Department of Fisheries and Wildlife, Oregon State University*
- 10:30 Altered flood control, climate change, and rebuilding Pacific Northwest salmon stocks; *Kyle Martin*, *Columbia River Inter-Tribal Fish Commission*

- 10:50 A computer scientist’s descent into the hell of Columbia Basin fish modeling; *Jeffrey K. Fryer*, *Columbia River Inter-Tribal Fish Commission*
- 11:10 The path from science to management: Snake River chinook; *Paul H. Wilson*, *U.S. Fish and Wildlife Service, Columbia River Fisheries Program*
- 11:30 Vulnerability of juvenile salmonids to piscivorous waterbirds in the Columbia River estuary, 1998 to 2000; *Brad A Ryan**, *John W. Ferguson*, *Edmond P. Nunnalle*, and *Jolanta H. Glabeck*, *National Marine Fisheries Service*

Session 4: Contributed Papers
Convener: Peter Lofy, Bonneville Power Administration

- 8:00 Introduction
- 8:10 Fish passage barrier removal on a small stream on rural private property; *Alex Uber*, *Habitat Division, Washington Department of Fish and Wildlife*
- 8:30 Potential for irrigation ditches to produce anadromous salmonids; *Nick Ackerman*, *S.P.Cramer & Associates*
- 8:50 Relationships between land use, geology and in-stream physical habitat in small coastal streams of northern Oregon; *Lara E. Scott** and *Jesse Ford*, *Department of Fisheries and Wildlife, Oregon State University*
- 9:10 Post-Forest-Plan mining in riparian reserves: did it make a difference? *Richard K. Nawa** and *Barbara Ullian*, *Siskiyou Regional Education Project*
- 9:30 The relationship between temperature, physical habitat and fish assemblage data in a state-wide probability survey of Oregon streams; *Alan T Herlihy**, *Department of Fisheries and Wildlife, Oregon State University*, *Philip Kaufmann* and *Phil Larsen*, *U.S. EPA*, and *Bob Hughes*, *Dynamac Corp.*

9:50 – 10:10 BREAK

- 10:10 Fish distribution and habitat use at multiple scales in Thomas Creek, Oregon; *R. Langshaw** and *J. Li*, *Department of Fisheries and Wildlife, Oregon State University*
- 10:30 What a difference a day makes! A diel study of rainbow trout diet in the Imnaha River Basin; *Judith Li**, *Sherrie Johnson*, *Hiram Li*, *Charles Frady*, *Gene Shippentower* and *William Gerth*, *Department of Fisheries and Wildlife, Oregon State University*
- 10:50 Influences of riparian vegetation on food availability and diet of coastal cutthroat trout; *Nicholas Romero**, *Department of Fisheries and Wildlife, Oregon State University*; *Robert Gresswell*, *USGS – Forest and Range Ecosystem Center*; and *Judith Li*, *Oregon State University*
- 11:10 Using radio telemetry and Arcview GIS to describe the movement of adult chum salmon among spawning areas of the Columbia River and tributaries; *Thomas Hoffman**, *Scott Barndt*, and *Travis Coley*, *U.S. Fish and Wildlife Service*

11:30 Near-shore habitat use by endangered juvenile suckers in Upper Klamath Lake, Oregon in regards to vegetation and water quality;
Scott P. VanderKooi, USGS, Western Fisheries Research Center

12:00 Noon-1:15 Complimentary Lunch & Business Meeting (All registrants invited)

Session 5: Recovery Goals: What Would Recovery of a Species Look Like? Convener: Paul Scheerer, Oregon Department of Fish and Wildlife

1:30 Engaging in salmon recovery with and without recovery goals;
Jay Nicholas, Science and Policy Advisor, Oregon Watershed Enhancement Board.

1:35 Developing a recovery strategy for coastal Oregon salmon: what the land tells us;
Gordon H. Reeves and Kelly M. Burnett, USDA Forest Service, PNW Research Station

1:55 Setting growth rate and abundance criteria to delist Pacific salmonids based on estimates of environmental variation;
Paul McElhany, Northwest Fisheries Science Center, National Marine Fisheries Service and John Payne, Department of Zoology, University of Washington*

2:15 Policy aspects of salmon recovery goals;
Elizabeth Gaar, Senior Policy Advisor, National Marine Fisheries Service, Northwest Region

2:35 Native Fish Conservation Policy: Another Bureaucratic Process or the Yellow Brick Road to Recovery;
Ed Bowles, Director, Fish Division, Oregon Department of Fish and Wildlife

2:55 Salmonid recovery from the fishermen's perspective: when is "recovery" not recovery?
Glen Spain, NW Regional Director, Pacific Coast Federation of Fishermen's Association

3:15 – 3:30 BREAK

3:30 Setting a higher standard: salmon recovery from a tribal perspective;
Phil Roger, Columbia River Inter-Tribal Fish Commission

3:50 USFWS recovery planning process and overview (10 minutes);
Judy Jacobs, U.S. Fish and Wildlife Service

4:00 Bull trout recovery planning in the Columbia River DPS (10 minutes);
Tim Cummings, U.S. Fish and Wildlife Service

4:10 Estimating policy-relevant population trends and distributions for salmonid recovery;
Paul H. Wilson, U.S. Fish and Wildlife Service, Columbia River Fisheries Program

4:30 Timothy Lake cutthroat trout: a case study in assessing population viability;
Ray Beamsderfer, S. P. Cramer and Associates, Inc.

Session 6: The Importance of Floodplain Habitats for Native Fishes in the Pacific Northwest

Convener: Peter Bayley, Oregon State University

1:30 A review of floodplain habitat use by fishes;
Peter B. Bayley, Department of Fisheries & Wildlife, Oregon State University

1:50 Residence time, habitat utilization, and migratory patterns of juvenile coho salmon in the stream/estuary ecotone of Winchester Creek, South Slough, Oregon;
Bruce A. Miller, Oregon Department Fish and Wildlife and Steve Sadro, South Slough National Estuarine Research Reserve*

2:10 Floodplain as habitat for native fish: lessons from California's Yolo Pass;
Ted Sommer, California Department of Water Resources and University of California, Department of Wildlife, Fisheries and Conservation Biology, William Harrell and Matt Nobriga, California Department of Water Resources*

2:30 Fish use of mined gravel ponds in the floodplain of the mid-Willamette River;
Cyndi Baker and Peter Bayley, Department of Fisheries and Wildlife, Oregon State University.*

2:50 Use of cold floodplain-margin habitats by a stream fish assemblage;
Joseph L. Ebersole, U.S. Environmental Protection Agency, William J. Liss, Monique Szedehyi, and Troy Guy, Department. of Fisheries and Wildlife, Oregon State University*

3:10 – 3:30 BREAK

Session 7: Contributed Papers

Convener: Mario Solazzi, Oregon Department of Fish and Wildlife

3:30 Spring chinook salmon on the Warm Springs Indian Reservation of Oregon;
Bob Spateholts, Confederated Tribes of the Warm Springs Reservation of Oregon, and Doug Olson, U.S. Fish and Wildlife Service*

3:50 A novel technique for estimating large wood depletion rates in streams;
Daniel J. Sobota and Stanley V. Gregory, Department of Fisheries and Wildlife, Oregon State University*

4:10 Environmental factors contributing to the outmigration of juvenile Pacific lamprey in Cedar Creek, Washington;
Jodi Pirtle, Jen Stone, Scott Barndt, and Travis Coley, U.S. Fish and Wildlife Service*

4:30 Movement and spawning activity of adult Pacific lampreys in Cedar Creek, Washington;
Jen Stone, Scott Barndt and Travis Coley, U.S. Fish and Wildlife Service*

4:50 Growth risks posed by temperature to juvenile fall chinook in three rivers;
Rick C. Cardwell and Lucinda M. Tear, Parametrix, Inc.

Session 8: Urban Watersheds: A History of Mistakes, but Don't Write Them Off Yet! Convener: Dave Ward, Oregon Department of Fish and Wildlife

- 1:30 Portland's backyard biology: assessing the status of fish communities in urban streams;
Jennifer Harrington, Thomas A. Friesen, and Kevin A. Leader, Oregon Department of Fish and Wildlife*
- 1:50 What features determine the capacity of urban streams to produce salmon and trout?
Steven P. Cramer, S.P. Cramer & Associates, Inc
- 2:10 Urban system diagnosis and treatment methodology: development and application of the tool;
MaryLouise Keefe, Betsy Torell, Montgomery Watson Harza, and Deborah Lev, City of Portland*
- 2:30 Challenges of urban stream enhancement;
Kendra Smith, Clean Water Services, and Karen Streeter, Water Environment Services*
- 2:50 Building a science-based response to watershed and salmonid recovery in an urban area: the city of Portland's story;
Mike Reed, City of Portland

3:10 – 3:30 BREAK

- 3:30 Migration and habitat use by juvenile salmonids in the lower Willamette River;
Thomas A. Friesen, John A. North, and David L. Ward, Oregon Department of Fish and Wildlife*
- 3:50 Potential for fish assemblages in the Willamette River, Oregon;
Stanley V. Gregory and Randy Wildman, Department of Fisheries & Wildlife, Oregon State University*
- 4:10 Composition, structure, and biomass of cottonwood-dominated gallery forests along 145 KM of the Willamette River, Oregon;
Melissa K. Fierke and Boone Kauffman, Department of Fisheries and Wildlife, Oregon State University*
- 4:30 Panel Discussion

Session 9: Contributed Papers Convener: Stephen Wille, U.S. Fish and Wildlife Service

- 1:30 Endocrine disrupting chemicals and reproduction in white sturgeon;
G. W. Feist, Department of Fisheries and Wildlife, M.S. Fitzpatrick and E.P. Foster, Oregon Department of Environmental Quality, D.T. Gundersen, Pacific University, M.A.H. Webb, Oregon State University, A.G. Maule, Columbia River Research Laboratory, Cook, WA; and C.B. Schreck, USGS Oregon Cooperative Fish and Wildlife Research Unit Department of Fisheries and Wildlife, Oregon State University*
- 1:50 Altered reproductive physiology of white sturgeon from the Columbia River is correlated with persistent bioaccumulative contaminants;
E.P. Foster, Oregon Department of Environmental Quality
- 2:10 *An assessment of potential risks posed by PAHS, PCBs, AND DDT in dredged material to juvenile salmonids in the lower Columbia River: mouth to Bonneville Dam;*
Rick D. Cardwell and Jeffrey R. Wirtz, Parametrix, Inc.*

- 2:30 Organophosphates and in-situ inhibition of acetylcholine esterase activity in *Oncorhynchus mykiss*;
G.F. Grange, C.E. St Aubin, K.M. Carrol, and E.P. Foster, Oregon Department of Environmental Quality, Portland State University*
- 2:50 Seasonal change of cellular immunotoxicity in juvenile chinook salmon exposed to P'P'-DDE;
Ichiro Misumi¹, Anthony Vella², Jo-Ann C. Leong³, and Carl B. Schreck⁴ ¹Department of Microbiology, ²University of Connecticut Health Center, ³The Hawaii Institute of Marine Biology, University of Hawaii, ⁴Oregon Cooperative Fish and Wildlife Research Unit, Oregon State University*
- 3:10 – 3:30 BREAK**
- 3:30 Implications of imprinting: acclimating salmonid smolts in waters potentially infectious for *Myxobolus cerebralis*;
Sarah A. Sollid, Harriet V. Lorz, Donald G. Stevens, and Jerri L. Bartholomew, Department of Microbiology and the Center for Fish Disease Research*
- 3:50 Viral hemorrhagic septicemia virus (VHSV) in eulachon from the Sandy River in Oregon;
John Kaufman and Richard A. Holt, Oregon Department of Fish and Wildlife*
- 4:10 Fish Mx gene as a biomarker of contamination and infection;
Marta Alonso, Estela Thomann, Ichiro Misumi, Tony Vella, Carl B. Schreck and Jo-Ann Leong. Microbiology Department. Oregon State University*
- 4:30 Growth, condition, and pathogens of juveniles salmon caught off the Oregon and Washington coasts;
Todd Sandell, Cooperative Institute for Marine Resource Studies, Oregon State University, Marcia House, Northwest Indian Fisheries Commission, Kym Jacobson and Ed Casillas, National Marine Fisheries Service*
- 4:50 Long-term and short-term effects of stomach pumping on rainbow trout;
Hiram Li, USGS Cooperative Fish and Wildlife Research Unit, Oregon State University, Gene Shippentower and Judith Li, Department of Fisheries and Wildlife, Oregon State University, Carl Schreck and Charles Frady, USGS Cooperative Fish and Wildlife Research Unit, Oregon State University*

- 5:30-6:30 Social Hour (No-host bar/Comp microbrews)**
- 5:30-7:30 Preview Silent Auction Displays**
- 6:30-7:30 Banquet & Awards (Additional fee)**
- 7:30-9:00 Raffle & Auction (All registrants invited to attend)**
- 9:00-12:30 Dance to the music of "Countrified" (Included in registration)**

FRIDAY MARCH 1

Session 10: Habitat Issues and Analysis Convener: Kelly Burnett, U.S. Forest Service

- 8:30 Spatial and temporal dynamics of stream temperature: geomorphic and riparian influences;
Sherri L. Johnson, USDA Forest Service, PNW Research Station

8:50 Spatial scaling and longitudinal patterns of fish assemblage and stream habitat relationships; **C.E. Torgersen***, *C.V. Baxter, and H.W. Li, Department of Fisheries and Wildlife Oregon Cooperative Fish and Wildlife Research Unit, Oregon State University, and B.A. McIntosh, Oregon Department of Fish and Wildlife*

9:10 The influence of non-fish-bearing streams on the structure of fish-bearing streams in the Coast Range mountains of Oregon; *Christine L. May* USDA Forest Service, PSW Research Station and Robert E. Gresswell, USGS Forest and Rangeland Ecosystem Science Center*

9:30 Inferring habitat variability in space and time; *Daniel J. Miller*, Earth Systems Institute and Kelly M. Burnett, USDA Forest Service, PNW Research Station, Kelly Christiansen, USDA Forest Service, PNW Research Station, Sharon Clarke, Department of Forest Sciences, Oregon State University, and Gordon Reeves, USDA Forest Service, PNW Research Station*

9:50 Culverts as barriers to the movement of aquatic organisms: what went wrong?
Michael J. Furniss, USDA Forest Service, Pacific Northwest Research Station

10:10 – 10:30 BREAK

10:30 Hypotheses testing for spatial pattern process interactions in stream networks;
Julia A. Jones, Department of Geosciences, Oregon State University

10:50 Patterns of fish distribution at the watershed scale;
Robert E. Gresswell, USGS-FRESC, Douglas S. Bateman, Department of Forest Sciences, Oregon State University, and Martha H. Cavit, USGS-FRESC*

11:10 Aquatic habitat assessment and monitoring at the landscape scale: can research prove the obvious?
K.K. Jones, J.M. Dambacher, R. L. Flitcroft, and A.G. Talabere, Oregon Department of Fish and Wildlife*

11:30 How much of stream physical habitat is predetermined by natural geomorphic controls?
Philip R. Kaufmann, U.S. EPA, and Alan T. Herlihy, Department of Fisheries & Wildlife, Oregon State University*

Session 11: The science, politics and economics of managing water in the Klamath Basin: a case study in the future; Convener: Gretchen R. Oosterhout, Decision Matrix, Inc.

8:30 Multivariate analysis of the complex interaction between climate, hydrology, limnology, and nutrient load in influencing population dynamics of two species of endangered fish in Upper Klamath Lake;
Michael Cooperman and Douglas F. Markle, Department of Fisheries and Wildlife, Oregon State University*

8:50 Klamath sucker biology and the 2001 biological opinion;
Douglas F. Markle, Michael Cooperman, David Simon, and Mark Terwilliger Department of Fisheries and Wildlife, Oregon State University*

9:10 The role of blue-green algal blooms, climate, and lake level in fish kill and water quality dynamics in Upper Klamath Lake;
Jacob Kann, Aquatic Ecosystem Sciences

9:30 The economics of managing water in the Klamath Basin;
Ernie Niemi, Anne Fifield, and Ed Whitelaw, ECONorthwest*

9:50 Legal roots of the Klamath water crisis;
Reed Benson, WaterWatch of Oregon

10:10 – 10:30 BREAK

10:30 How did we get into this mess? A brief history of cultural, economic, and ecological issues in the Klamath Basin;
Larry Dunsmoore, Research Biologist, Klamath Tribes Natural Resources

10:50 Impacts of Upper Klamath Basin agriculture on downriver fisheries: the perils of thinking by halves;
Glen Spain, Northwest Regional Director, Pacific Coast Federation of Fishermen's Associations

11:10 Relicensing the Klamath project: an opportunity for restoration?
Amy Stuart, ODFW

11:30 Klamath hydroelectric project relicensing – What's going on?
Todd Olson and Linda Prendergast, PacifiCorp

Session 12: Expert science panels-what value to agencies and Legislators? Convener: Kelly Moore, Oregon Watershed Enhancement Board

8:30 When Science isn't pretty: the making of IMST reports on hatcheries, forest practices, and stream temperature;
Stan Gregory, Oregon's Independent Multidisciplinary Science Team (IMST), Oregon State University

8:55 Science, Washington's salmon recovery plan, and the SF 49ers: a synthesis;
Hiram Li, Washington's Independent Science Panel (ISP), Oregon State University

9:20 How the Oregon Plan and IMST influence Oregon forest management;
Ted Lorensen, Deputy State Forester, Oregon Department of Forestry

9:45 ODFW's responses to IMST reports and reviews - How they help shape policy;
Roy Elicker, Deputy Director for Natural Resources, Oregon Department of Fish and Wildlife

10:10 – 10:30 BREAK

10:30 Science and the Oregon Legislature: Where do Expert Science Panels Fit?
Stephen Kafoury, Oregon AFS Legislative Liaison

10:40 Representative Bob Jenson, R-Pendleton
Legislative Perspectives on Salmon Recovery

11:00 Representative Kelley Wirth, D-Corvallis
Title to be announced

11:20 Panel Discussion

12:00 Noon MEETING ADJOURNS FRIDAY, MARCH 1

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!!!Attention!!!

Speakers, Conveners, and Poster Presenters

Tips and Guidelines on presentations, running a session, and setting up your poster - Coming your way on the Annual Meeting Pages at the Oregon Chapter AFS website. Visit:

www.osu.orst.edu/groups/afs

EVENTS CALENDAR

FEBRUARY 13-15, 2002

**2002 ANNUAL MEETING OREGON
CHAPTER THE WILDLIFE SOCIETY
Salishan Lodge, Gleneden Beach, OR**

"Reliable Knowledge-Rigor in Wildlife Management,"

Registration: Kat Beal, 541-937-2131; or
Kevin Russell, 503-623-7149

Website: www.orst.edu/Dept/fish_wild/tws

FEBRUARY 26-27, 2002

**TWO CONCURRENT WORKSHOPS:
"DEVELOPING EFFECTIVE
COMMUNICATION SKILLS"**

Suniver Resort, Sunriver, Oregon

Held in conjunction with the Oregon AFS
annual meeting; choose one:

1- "Writing That Works" -

Martha Brookes; OR

**2- "Principles of Successful Public Com-
munication - Norm Hesseldahl**

FMI: Mary Buckman,

mary.buckman@orst.edu; 541-757-4263

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brennerL@peak.org

Website: www.osu.orst.edu/groups/orafs

FEBRUARY 27-MARCH 1, 2002

**38th ANNUAL MEETING OREGON
CHAPTER AFS**

Sunriver Resort, Sunriver, Oregon

"Learning from Our Successes and
Mistakes...Producing Results that Matter,"

FMI: Steve Smith, 503-263-1253,

huntersmith@canby.com

Registration: brennerL@peak.org;

541-753-0442

Website: www.osu.orst.edu/groups/orafs

APRIL 27-MAY 1, 2002

**WESTERN DIVISION 2002
ANNUAL MEETING**

**DoubleTree Hotel City Center,
Spokane, Washington**

"Toward Ecosystem-Based Management:

Breaking Down the Barriers in the
Columbia River Basin and Beyond."

Website: www.fisheries.org/wd



**American Fisheries Society
Oregon Chapter
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**!!! Deadline is January 25th for
Discounted Lodging Rates at
Sunriver...Make your reservations
today for the best rates at the 2002
Annual Meeting!!! See pages 5-6**

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