

# The Angler

Newsletter of the Colorado/Wyoming Chapter of the American Fisheries Society www.cowyafs.org Volume 37, Number 1, January 2014

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# **The Vent** Paul Gerrity

I've been a member of the Colorado/Wyoming Chapter of the American Fisheries Society for eight years, and have been to some fantastic annual meetings. But I hope the 2014 meeting stands out as the best I've ever been to, and not just because I currently have the honor of serving as our chapter's president. I hope that increased participation at this year's annual meeting will not only make it one to remember, but also start a trend that will continue into future annual meetings.

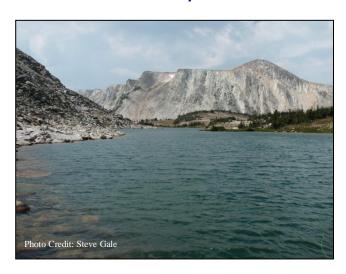
I would like the success of this year's meeting to start with increased participation from professionals in the aguaculture field. It's not a big secret that we have had less participation from aquaculture professionals in our chapter over the past decade, which has reduced the benefits that all chapter members can gain by attending annual meetings. To increase participation from fish culture professionals, the ExCom created an Aquaculture Committee in 2013. The ExCom and Aquaculture Committee are currently working together on an annual meeting program that will be relevant to professionals in all aquatic fields. The meeting will start Wednesday morning with an opening session consisting of presentations on the integration of fish culture and management. The opening session will begin with a presentation by Jesse Trushenski from Southern Illinois University, who was president of the Fish Culture Section of AFS from 2009 – 2011. Contributed paper sessions consisting of presentations from all aquatic fields will comprise the remainder of the annual meeting from Wednesday afternoon through Thursday.

Speaking of presentations - the exchange of knowledge at AFS meetings is very important to our chapter and society. That is why I am asking current members to please consider giving a presentation or poster at this year's and future chapter meetings. All types of talks on all subject matter are welcome at our meetings. Whether your talk is technical or informative, or whether the subject matter is

culture, habitat, management, or research, there is a place for it at our chapter meetings. There will always be meeting attendees that will be interested in what you have to say. The experiences you share in your presentation or poster can not only help other fisheries professionals, but you also will likely learn something from someone who has had an experience similar to yours.

I'd like to conclude by thanking all current chapter committee members. Many dedicated chapter members are volunteering their time to various committees, and the success of our chapter and the annual meeting would not be possible without them.

# CO-WY Annual Meeting March 4-6, 2014 Laramie, WY



The 2014 Annual Meeting of the Colorado/Wyoming Chapter of the American Fisheries Society will be Tuesday, March 4 – Thursday, March 6 at the Hilton Garden Inn in Laramie, Wyoming. A continuing education class titled "Fisheries Population Genetics" will be held on Tuesday with a welcome social for meeting attendees Tuesday evening. Presentations will follow Wednesday and Thursday. The business lunch will be Wednesday afternoon, the student social Wednesday evening, and banquet Thursday evening.

Online meeting registration with the option of credit card payment is currently open at <a href="http://www.cowyafs.org/?page\_id=268">http://www.cowyafs.org/?page\_id=268</a>. Registration can also be completed by mail using the registration form

provided at the end of this newsletter. **Deadline for early registration is February 7, 2014.** 

A block of rooms has been reserved at a rate of \$77.00 per night. Room reservations can be made at <a href="http://hiltongardeninn3.hilton.com/en/hotels/wyoming/hilton-garden-inn-laramie-LARLAGI/index.html">http://hiltongardeninn3.hilton.com/en/hotels/wyoming/hilton-garden-inn-laramie-LARLAGI/index.html</a>. If reserving

a room online, after clicking on the above link look just below the red "Check Availability" tab, click on "more options", then click on "add special rate codes", and enter our group code COWYAF. Anyone not using this link should clearly identify that they are making reservations to attend the Colorado/Wyoming AFS meeting or mention our group code COWYAF so we get credit for the room reservation. This is important because we need to meet our room obligations. Phone number for the Laramie Hilton Garden-Inn is 307-745-5500. **Reservations can be made in the hotel block until March 4, 2014.** 



# **Tentative Meeting Agenda**

#### Tuesday, March 4

10:00am – 5:00pm: Continuing education workshop:

"Fisheries Population Genetics"

5:00pm – 7:00pm: Registration

5:00pm – 7:00pm: Presentation download and practice

6:00pm – 8:00pm: Raffle and poster setup 6:00pm – 10:00pm: Welcoming social

#### Wednesday, March 5

7:00am – 5:00pm: Registration

7:00am – 5:00pm: Presentation download and practice

8:20am – 10:30am: Opening session 10:30am – 12:00pm: Contributed papers 12:00pm – 1:30pm: Chapter business lunch 1:30pm – 5:00pm: Contributed papers 6:00pm – 10:00pm: Student social

#### Thursday, March 6

7:00am – 5:00pm: Registration

7:00am – 3:00pm: Presentation download and practice

8:00am – 12:00pm: Contributed papers 12:00pm – 1:30pm: Lunch (on your own) 1:30pm – 5:00pm: Contributed papers

6:00pm – 10:00pm: Awards banquet and raffle

## **Meeting Deadlines**



#### Don't miss the boat! Remember these important deadlines for the Annual Meeting.

#### February 7<sup>th</sup>

- ✓ Early Meeting Registration
- ✓ Award Nominations
- ✓ Presentation and Poster Abstracts
- ✓ Photo Contest Entries

#### March 4th

✓ Hotel Room Block Deadline – make your reservation today!

#### March 5<sup>th</sup>

✓ Deadline to Vote for Secretary/Treasurer

# **Final Call for Papers**

The final deadline for presentations and posters is fast approaching. So it's time to share all of the great work you have been doing over the past year by giving a presentation or poster. As always, all topics are of interest and we will once again have a "Sharing Your Experiences" session to discuss lessons learned.

# Final deadline for presentation and poster abstracts is February 7, 2014.

Abstracts for contributed papers and posters should be prepared as a MS Word or WordPerfect file in 12 point, Times New Roman font, left aligned and include the following information.

1. A brief descriptive title.

- 2. Names, addresses, telephone and FAX numbers, and e-mail addresses for all organizers.

  Presenter must be clearly identified
- 3. An abstract of 350 words or less.
- 4. Indicate whether presenting a poster or oral presentation.
- 5. Indicate if presenter is a student.
- 6. Indicate length and width of poster.
- 7. Indicate whether presentation is "informational" or follows "scientific method" (helps in judging process).

#### **Abstract Example**

Title: Program Committee

Authors: Rick Henderson (Presenter), US Forest Service, 925 Weiss Drive, Steamboat Springs, CO, 80487, 970-870-2219 (W), 970-870-2284 (F), <a href="mailto:rhenderson01@fs.fed.us;">rhenderson01@fs.fed.us;</a> Laura Leslie Burckhardt, SWCA Environmental Consultants, 8 Cactus Drive, Cody, WY 82414, 307-213-4631 (W),

lleslie@swca.com

*Abstract*: The abstract may include, but is not required to include, a problem statement, objectives, findings, and conclusions.

Preference: Oral presentation preferred.

Student: No.

#### All abstracts must be submitted to:

Laura Leslie Burckhardt at <a href="mailto:lleslie@swca.com">lleslie@swca.com</a> and Rick Henderson at <a href="mailto:rhenderson01@fs.fed.us">rhenderson01@fs.fed.us</a> with contributed paper/poster abstract attached as an MS Word or WordPerfect file.

For additional information, please contact **Laura Leslie Burckhardt** at **307-250-1213** or **Rick Henderson** at **970-870-2219.** 



#### Final Call for Nominations: CO/WY Chapter AFS Awards

The Colorado/Wyoming Chapter has four award classifications for recognizing our fisheries professionals and the Awards Committee needs your help in determining qualified candidates. This is an opportunity for you to become involved and see that your professional peers receive the deserved recognition from the American Fisheries Society.

**Award of Excellence:** Recognizes an individual who has made significant contributions in the fishery-aquatic resource field. Last year's Award of Excellence recipient was Greg Policky.

Max Award of Merit: In honor of Max Rollefson (WGFD), this "atta boy" recognizes a short-term professional accomplishment in management, administration, research or culture. Last Year's Max Award recipient was Ryan Colyer.

Outstanding Mentor Award: This award recognizes a fisheries professional who has shown substantial devotion to assisting or mentoring prospective fisheries students/professionals, current fisheries students, or fisheries professionals. Last year's Outstanding Mentor Award recipient was Jesse Lepak.

**Leaky Boot Award**: Recognizes the most outrageous behavior of any fisheries student or professional in the year prior to the chapter's annual meeting. Last year's Leak Boot recipient was Dan Kowalski.

Please limit applications to one page for the "Max", Mentor, and Leaky Boot awards. Award of Excellence nominations are typically more detailed with letters of support from multiple individuals.

For more information or to submit a nomination or letter of support, please contact:

Jason Burckhardt CO/WY AFS Awards Committee Chair 2820 State Highway 120, Cody, WY 82414 307-527-7322 Ext. \*814 Jason,Burckhardt@wyo.gov

**Deadline for Awards Nominations is February 7th** 

#### **Student Volunteers Needed**



Student volunteers are needed to pick trammel nets... just kidding. You are needed to **assist with the 2014 CO/WY AFS meeting in Laramie**. We are looking for volunteers to help with audiovisual support and the raffle during the meeting. Hours of volunteer time will be credited and count towards meeting fees. Four hours of volunteer time will count as \$40 and eight hours will count as \$80 towards registration fees (1/2 and full early student registration fee, respectively). We would like to encourage as many students as possible to volunteer their time.

For more information on volunteering please contact Anna Senecal at Anna.Senecal@wyo.gov



## **Paper and Poster Judges Needed!**

Volunteers are needed to judge papers and posters at the 2014 CO/WY AFS meeting in Laramie. We would like to have three judges per paper and poster, so a great deal of help will be needed from CO/WY AFS members. Government agency and private consulting professionals are preferred for judging volunteers. Please consider volunteering some of your time at the meeting!

If you are interested in judging please contact Christina Barrineau @ <u>307-745-5180</u> x240 or <u>Christina.Barrineau@wyo.gov</u>

#### **Colorado Flood of 2013**







#### **Raffle**

We are looking forward to a lively raffle and auction to complement the awards portion of the banquet at our 2014 Annual Meeting. We will also be conducting a silent auction, a fishing game (with prizes), and a general raffle. Each of us in the Chapter probably has at least one business, organization, or person willing to donate something towards the mission of AFS. **Please take a few minutes to ask.** 

To maximize our fundraising efforts, we are asking that attendees bring items to donate to our cause. We would be more than happy to receive any item and are interested in items such as backpack trips, guided fishing trips, handmade flies, original artwork, prints, or other fish related items. To make the most of donated trips, we ask that you arrange lodging to go along with the trip, if possible.

If you would like to make contributions please bring your item(s) with you to the meeting or send them to:

Boyd Wright 317 W. Prospect Fort Collins, CO 80526 Boyd.wright@state.co.us

or

Hilda Sexauer, WY Game and Fish, P.O. Box 850, Pinedale, WY 82941 Hilda.sexauer@wyo.gov



## Fifth Annual Colorado-Wyoming AFS Photo Contest



One of the perks of our work is that we are often spending time in some of the most scenic areas of the country and have opportunities to view and photograph many types of wildlife. We also get an opportunity to capture images of beautiful fish specimens and spectacular landscapes. The Photo Contest at the annual chapter meeting celebrates this unique aspect of our jobs, while contributing to the Raffle Committee's fundraising efforts.

Please consider submitting one or more of your photos in this year's photo contest. The Raffle and Executive Committees will vote for the top three pictures, which will be framed and featured in the live or silent auction at the upcoming 2014 Colorado/Wyoming Chapter AFS annual meeting. We will also be including all submissions in a slide show to be viewed during the meeting. Besides helping us out in fundraising efforts, you can be honored for your photographic skills and may even win a prize! The deadline for submissions is February 7. We know all too well that a picture is worth a thousand words, but your pictures may be worth so much more than words!

Photo Caption: The three photo contest winners from 2013, and a close runner up (bottom right). In clockwise order, the first photo was submitted by Steve Gale (WGF), and the following three from Carlin Girard (UW).

**Paper Ballot:** Members can vote by paper ballot at the annual meeting in Laramie. Paper ballots will be available at the registration desk at the annual meeting. Completed ballots must be returned to the registration desk or to Bobby Compton.

# Continuing Education Workshop CO-WY AFS



The Continuing Education program will feature a population genetics workshop lead by Dr. Chris Funk and PhD candidate Sarah Fitzpatrick (Department of Biology, Colorado State University). This workshop will serve as an introduction to population genetics as it relates to applied conservation and management. The main goal is to provide a practical overview and 'molecular toolkit' for current or future fisheries managers to interpret population genetics studies and understand what types of questions can be addressed by incorporating a genetics perspective. Topics that will be covered include a brief overview of theoretical concepts, types of questions that population genetic studies can inform, methodology and costs, interpretation of scientific literature, and case studies. The workshop is tentatively scheduled from 10:00 am to 5:00 pm on Tuesday March 4. Cost for the course is \$25 for early registrants and \$35 for late registrants.

# CO/WY AFS Secretary-Treasurer Election

This year we are excited to have two nominees for the incoming Chapter Secretary-Treasurer position. Eric Fetherman and Rick Henderson have accepted the nomination to lead our chapter. **Candidate biographies follow on pages 7 and 8.** 

**Vote by E-mail:** To vote by e-mail, send an e-mail with your name and candidate of choice to Bobby Compton at: <a href="mailto:bobby.compton@wyo.gov">bobby.compton@wyo.gov</a>. We encourage chapter members to vote early.

E-mail and ballot voting submissions must be received by 7:00 PM on Tuesday March 4<sup>th</sup>. Only current chapter or subunit AFS members are eligible to vote.

Eric Fetherman
Candidate for Secretary-Treasurer



My interest in fishery and wildlife biology began at an early age. Both of my parents attended CSU and earned degrees in wildlife biology. As a result, most of our family time revolved around the outdoors. Some of my favorite memories involve fishing trips with my father, from fishing for cutthroat trout in Yellowstone, to after-dinner trips to local city ponds to catch bass, crappie, bluegill, and sunfish. After working as a park naturalist aid through high school at Bear Creek Lake Park in Lakewood, CO, I knew that I too wanted to pursue a career in natural resources.

I began that career in 2002, attending Colorado State University and working towards a degree in wildlife biology. In 2003, I was hired by the U.S. Fish and Wildlife Service to help raise razorback suckers (my favorite native species!) at the Ouray National Fish Hatchery in Utah. I also got to go on two non-native fish removal trips through Dinosaur National Monument and excursions into the Green and Yampa Rivers to collect native fish fry. After spending the summer in Utah chasing fish, I knew I was hooked on a career in fisheries, and added fishery biology as a major upon returning to CSU. The following summer. I started working as a fisheries technician for the Colorado Division of Wildlife (CDOW) helping rear and experiment with the whirling disease-resistant Hofer strain of rainbow trout. I graduated with a B.S. in wildlife biology, with fishery biology as a second major, in 2006. I maintained my ties to wildlife biology through my undergrad, remaining a member of the CSU student chapter of The Wildlife Society, and serving as the annual banquet coordinator and vice-president of the chapter. My work with CDOW led to a Masters

project examining the effects of whirling disease exposure on the physiological performance of resistant and susceptible strains of rainbow trout. I earned my Masters degree from CSU in 2009. I continued on with whirling disease research, focusing on introduction and management of resistant rainbow trout strains in Colorado rivers, and earning my Ph.D. from CSU in August 2013. I was hired by Colorado Parks and Wildlife in 2011 as an aquatic research scientist (salmonid disease research) and continue to research the introduction and management of resistant rainbow trout strains, among other topics.

I was a member of the CSU student chapter of AFS during my graduate degree programs. I have been a member of the CO/WY and National chapters since 2006. Throughout my graduate career, I attended all the CO/WY, Western Division, and National meetings that I could convince my advisor to send me to, presenting at all of them. At all of these meetings, presentations from CO/WY members stood out among the rest, speaking to the quality of the work conducted by the CO/WY membership. Both states seem to be at the forefront of innovative fisheries management and research. If elected, I would work on promoting increased collaboration between our two states so that both could benefit and learn from the great work conducted on both sides of the border.

In 2011, I was a member of the Western Division AFS student representative committee, helping develop guidelines for the inclusion of a voting student member on the WD Executive Committee. Most recently, I have increased my involvement in the CO/WY chapter by serving as a co-editor of The Angler. The more involved I've become with AFS, the more impressed I am by the important role AFS plays in the careers of its members including the transfer of information at annual meetings, the networking and professional support, and the opportunities it provides for career advancement. If elected, I would focus on providing travel funding opportunities, increasing the opportunities members have to learn from and interact with each other, as well as other fisheries students and professionals around the country. I would also work on increasing student involvement in AFS, and participation in programs like the CO/WY AFS mentoring program. I am excited to have been nominated as a candidate for secretary-treasurer and hope to have the opportunity to continue to promote the standard of excellence exhibited by the CO/WY chapter and serve you in the coming years.

# **Rick Henderson**

Candidate for Secretary-Treasurer



My favorite memory of fishing occurred several years ago in the Wind Rivers thanks to a silent auction pack trip. Fish in the lakes were eluding us so my six and eight year old youngsters and I moved to a nearby stream. Their first attempts at casting met with minimal success so we spent the rest of the day crawling around the meadow, jointly casting, and catching their first brookies on a fly rod. It is these memories of family, exploring the western U.S., frustrations, and triumphs that I treasure when thinking about my childhood.

Growing up in Colorado gave me a great opportunity to develop a passion for the outdoors. My childhood hero was Ranger Rick and this led to all sorts of adventures and my first experiences with fish, frogs, and bugs. I credit the Ranger and subsequent fishing trips for my love of aquatics, childhood friendships, the reason I bought my first car, summers in Alaska, and the reason I totaled my first car.

I received a B.S. in Fish Biology from Colorado State University. During this time I worked for the Larval Fish Lab, Colorado Parks and Wildlife, and Dr. Fausch and Dr. Behnke. I am forever grateful to these professionals for their time and patience, instilling a passion for the resource, and defining good science. Upon graduation, I worked for the

Forest Service in Oregon, Idaho Fish and Game, and Montana State University which provided an opportunity to work with different issues, fish, and aquatic systems. I went to Utah State University for my M.S. where I studied hybridization between rainbow and cutthroat trout on the South Fork Snake River. For the last 13 years, I have been a fish biologist with the U.S. Forest Service in the Pacific Northwest; Washington, DC; and finally back in Colorado. During this time I have focused on impacts from land management practices, aquatic passage, habitat monitoring, and habitat restoration for native trout and amphibians.

I have been a member of the American Fisheries Society since 1988. My first involvement was with the CSU student chapter as a member and then an officer. This experience broadened my understanding of aquatic sciences, highlighted the diverse career paths available, and introduced me to the role of AFS in promoting the profession. I have since been a member of four Chapters and presented papers at Chapter, Division, and National meetings. Since moving back to Colorado I have co-chaired the CO/WY Program Committee which has provided an opportunity to get to know many of you. I am always impressed by your dedication to the profession, passion for the resource, the camaraderie of the membership, and your interest in the further development of both students and professionals. From a personal standpoint, the Chapter has provided me with an opportunity to learn from my peers, continue my professional education, and develop lasting relationships.

I am honored to be a candidate for Secretary-Treasurer and am excited to continue promoting the Chapter and giving back to an organization that has helped my professional growth. If elected I would encourage keeping the Annual Meetings going in their current direction. This would include a focus on member interactions, keeping a balanced mix of formal research and more casual lessons learned presentations, and fostering professional development through continuing education courses. I am also interested in increasing the diversity of our membership and expanding the mentoring program to best support and train our future professionals.

## **ExCom Meeting Minutes**

ExCom meeting minutes are now available on the Chapter website at:

http://www.cowyafs.org/?page\_id=212

# **Committee and Subunit Updates**

Colorado State University Student Subunit (Jon Wardell) - CSU AFS now maintains four aquaria in the Wagar building on CSU campus. These educational displays have become a strong tradition in keeping with the CSU AFS mission, and we hope they offer esthetic and educational values to the CSU community. Our newest addition features tiger salamanders, boreal toads, various native fishes, and live vegetation. The other three tanks consist of a warmwater sportfishes, native fishes, and tropical community fishes displays. Also new to the display this year are Endangered fishes of the Upper Colorado River Basin: Colorado pikeminnow (Ptychocheilus lucius), and razorback sucker (*Xyrauchen texanus*). In the past, our native aquarium has displayed various Colorado species such as darters, chubs, northern redbelly dace, topminnows, shiners, and killifish. We are very excited to be the first student group to maintain a display of endangered Colorado River fishes and appreciate the thoughtful donations that made it possible.



CSU AFS is looking forward to an exciting spring semester focused on the member recruitment, outreach and research projects, informative speakers, and fun events – including ice fishing workshops with the CPW and hosting the annual annual Evan Lefort Memorial College Lake Fishing Derby. We are also looking forward to conducting carp removal

projects on private lands. Carcasses will be donated to the Rocky Mountain Raptor Center.

CSU AFS has a Facebook page! Check us out and "Like" at:

www.facebook.com/pages/American-Fisheries-Society-Colorado-State-University/450549101699139.

University of Wyoming Student Subunit (Jessica Dugan) –



The UW Student Subunit is starting the semester right, by traveling to Flaming Gorge Reservoir to help the Wyoming Game and Fish Department (WGFD) Green River office remove burbot at an annual burbot ice fishing removal trip (Jan. 18<sup>th</sup>-20<sup>th</sup>). It will be a really fun weekend of ice fishing and getting to know some of the Student Subunit members from CSU, as they will be joining us that weekend. For this spring semester, we will have the pleasure of hearing talks from members of the WGFD, including Nathan Cook (Jan. 28<sup>th</sup>) and Steve Gale (March 25<sup>th</sup>). Meetings for February and April will be scheduled shortly. We are still very excited to host the Colorado/Wyoming Chapter annual meeting here in Laramie this March. In an effort to build ties with other student organizations, we will be holding a friendly game of broomball this spring semester (Feb.) with the UW Wildlife Society. As always, meetings begin at 5:30pm and are held on the University of Wyoming Campus. Anyone with an interest in fisheries is encouraged to attend. For further information, please contact Jessica Dugan (jdugan2@uwyo.edu).

Mentoring Committee (Steve Gale, Michelle McGree) -The Mentoring Committee would like to thank the 13 Chapter Members who submitted Mentor applications:

Christina Barrineau, Bobby Compton, Paul Gerrity, Mike Snigg, Brandon Taro, Steve Gale, Dan Brauch, Jon Ewert, Steve Flickinger, Lori Martin, Michelle McGree, and Tyler Swarr.

There are a variety of opportunities available for those interested in submitting a Mentee application by the February 15<sup>th</sup>deadline. Some of these opportunities include assistance with applications, resumes, and interviews, participating in fish health assessments, and assisting with field work. Field work could include stream, lake, or amphibian surveys. Those interested in reviewing the available opportunities and then submitting their Mentee application please visit our Chapter website at <a href="https://www.cowyafs.org">www.cowyafs.org</a> and click on the "Mentoring Program" tab at the top of the page. If you have additional questions please contact either Michelle McGree <a href="mailto:Michelle.Mcree@state.co.us">Michelle.Mcree@state.co.us</a> or Steve Gale <a href="mailto:Steve.Gale@wyo.gov">Steve.Gale@wyo.gov</a>.



#### **Job Board**



We will have a **JOB BOARD** at the 2014 meeting in Laramie! The board is intended to help employers find qualified applicants and job seekers find potential employers. Both job announcements and resumes will be placed on the board.

Please email your job announcement or resume **by February 7**<sup>th</sup> to:

Nathan Cook: Nathan.Cook@wyo.gov



# Registration Form for the 2014 Annual Meeting of the Colorado/Wyoming Chapter of the American Fisheries Society

## March 4 - 6, 2014 Hilton Garden Inn, Laramie, WY

	Zip:			
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# **2013-2014 Chapter Officers and Committee Members**

Chapter Officers			
President	Paul Gerrity	paul.gerrity@wyo.gov	
Vice President	Dan Brauch	dan.brauch@state.co.us	
Secretary/Treasurer	Bobby Compton	bobby.compton@wyo.gov	
Past-President	Ryan Fitzpatrick	ryan.fitzpatrick@state.co.us	
UW Subunit President	Jessica Dugan	jdugan2@uwyo.edu	
CSU Subunit President	Jon Wardell	afscsu@gmail.com	
<b>Standing Committees</b>			
Arrangements	Beth Bear (co-chair)	beth.bear@wyo.gov	
	Steve Gale (co-chair)	steve.gale@wyo.gov	
Chapter Archivist	Greg Anderson (chair)	greg.anderson@wyo.gov	
	Venice Beske	venice.beske@wyo.gov	
Continuing Education	Jesse Lepak (co-chair)	jesse.lepak@state.co.us	
	Diana Miller (co-chair)	diana.miller@wyo.gov	
Environmental Policy	Dan Brauch (chair)	dan.brauch@state.co.us	
	Jason Burckhardt	jason.burckhardt@wyo.gov	
	Ryan Fitzpatrick	ryan.fitzpatrick@state.co.us	
Membership	Nathan Cook (co-chair)	nathan.cook@wyo.gov	
-	Boyd Wright (co-chair)	boyd.wright@state.co.us	
Newsletter	Eric Fetherman (co-chair)	eric.fetherman@state.co.us	
	Ana Senecal (co-chair)	anna.senecal@wyo.gov	
Nominating	Ryan Fitzpatrick	ryan.fitzpatrick@state.co.us	
Program	Rick Henderson (chair)	rhenderson01@fs.fed.us	
-	Laura Burckhardt	<u>lleslie@swca.com</u>	
Special Committees			
Aquaculture	Lars Alsager	lars.alsager@wyo.gov	
Audio-Visual	Erin Sobel	erin.sobel@wyo.gov	
Awards	Jason Burckhardt (chair)	jason.burckhardt@wyo.gov	
Endowment Funding	Travis Neebling	travis.neebling@wyo.gov	
Fundraising	Ryan Fitzpatrick (chair)	ryan.fitzpatrick@state.co.us	
	Matt Kondratieff	matt.kondratieff@state.co.us	
Fundraising Vision	Mark Smith	mark.smith2@wyo.gov	
	Pam Sponholtz	pamela_sponholtz@fws.gov	
	Ann Widmer	awidmer@swca.com	
Gifts	Christina Barrineau	christina.barrineau@wyo.gov	
Mentoring	Steve Gale (co-chair)	steve.gale@wyo.gov	
-	Michelle McGree (co-chair)	michelle.mcgree@state.co.us	
Paper/Poster Judging	~	alamiatina haminaan @aana aan	
7	Christina Barrineau	christina.barrineau@wyo.gov	
Raffle	Christina Barrineau Boyd Wright (chair)	boyd.wright@state.co.us	
	Boyd Wright (chair)	boyd.wright@state.co.us	
Raffle	Boyd Wright (chair) Hilda Sexauer	boyd.wright@state.co.us hilda.sexauer@wyo.gov bobby.compton@wyo.gov	
Raffle	Boyd Wright (chair) Hilda Sexauer Bobby Compton (chair)	boyd.wright@state.co.us hilda.sexauer@wyo.gov	

#### **News and Events**



# Rethinking Fisheries Sustainability: the Future of Fisheries Science

Together with the Mexico Chapter of AFS, the Western Division is pleased to be hosting this meeting against the backdrop of the beautiful city of Mazatlan. We invite you to join us and be a part of a conference that will capture the historical influence of the fishing industry in this part of Mexico.

#### **Meeting Highlights**

- 2<sup>nd</sup> International Symposium on Mangroves as Fish Habitat, held in conjunction with this Western Division Annual Meeting. This symposium will focus on the connection of the mangrove ecosystem to the productivity, diversity and interactions of the various fish communities that use and depend upon it.
- 6<sup>th</sup> National Symposium of Sharks and Rays, also held in conjunction with the Annual Meeting.
- 5<sup>th</sup> annual WDAFS student colloquium
- Nine additional symposia.
- Workshops on Mangrove Ecology, AFS standard methods, and the evaluation of methods in Elasmobranch populations
- Four different socials to network with students and professionals
- Conference at the beautiful El Cid Convention Center, Mazatlan Mexico. For more details or updates on the meeting visit <a href="http://wdafs.org/meetings/annual-meeting/">http://wdafs.org/meetings/annual-meeting/</a>

Contacts: Program and Arrangements
Felipe Amezcua achirus@gmail.com
Hilda Sexuar Hilda.sexuar@wyo.gov or 307-367-4352

#### **News and Events**

Winter Training Opportunities for Acoustic Tag & Hydroacoustic Assessments
Co-Hosted by HTI and the University of Washington (UW)
Student Chapter of the American Fisheries Society
at the UW School of Aquatic and Fishery Science



#### Using Acoustic Tags to Track Fish

6-7 February 2014 9:00 am to 5:00 pm

At University of Washington School of Aquatic Fishery Sciences, Seattle, WA

#### http://www.HTlsonar.com/at short course.htm

This short course addresses all aspects of tracking fish movement with acoustic tags, including three-dimensional tracking with sub-meter resolution. The course includes hands-on-operation and a variety of applications are covered. Lunch is provided. To reserve a seat or ask a question, email HTI at <a href="mailto:support@HTIsonar.com">support@HTIsonar.com</a>.

Tuition Rate Offer (50% discount) for university students, university staff, non-profit and tribal organizations. <a href="http://www.htisonar.com/Training\_Special\_Offer.htm">http://www.htisonar.com/Training\_Special\_Offer.htm</a>



# Using Hydroacoustics for Fisheries Assessment

13-14 February 2014 9:00 am to 5:00 pm

At University of Washington School of Aquatic Fishery Sciences, Seattle, WA

#### http://www.HTlsonar.com/ha\_short\_course.htm

The hydroacoustic short course covers mobile and fixed-location survey techniques, and subjects include basic hydroacoustic theory, deployment logistics, data collection and processing, as well as typical results. Split-beam, single-beam, and multi-beam frequency techniques are discussed in detail. Lunch is provided. To reserve a seat or ask a question, email HTI at support@HTIsonar.com.

Tuition Rate Offer (50% discount) for university students, university staff, non-profit and tribal organizations. <a href="http://www.htisonar.com/Training\_Special\_Offer.htm">http://www.htisonar.com/Training\_Special\_Offer.htm</a>