



# Fish Health Section



The official link to the FHS website is: <http://www.afs-fhs.org/>  
**NEW WEBSITE!!!:** [www.afs-fhs.org](http://www.afs-fhs.org)

## FHS NEWS

**54TH WESTERN FISH DISEASE WORKSHOP AND AFS FISH HEALTH SECTION MEETING** - <http://www.afs-fhs.org/perch/resources/western-and-fhs-meeting-announcement.pdf>

June 18-20, 2013

Port Townsend, Washington

### Important dates:

|                       |                |
|-----------------------|----------------|
| Room Reservation:     | April 19, 2013 |
| Meeting Registration: | May 15, 2013   |
| Abstract Submission:  | May 15, 2013   |

Please join us for the 54th Joint Western Fish Disease Workshop & AFS Fish Health Section Meeting, which will be held June 18-20, 2013 in

**Port Townsend, Washington**

(<http://jeffcountychamber.org/building-community/port-townsend/>), at the **Northwest Maritime Center**

(<http://www.nwmaritime.org/>). **The drive from Seattle (link to pdf titled 'driving directions')** includes a beautiful ferry ride across Puget Sound.



### Preliminary Agenda:

Tuesday June 18, 2013

9:00 am – 4:00pm: Continuing Education - Freshwater and Marine Biotoxins  
 6:00pm – 8:00pm: Meeting registration and Social Reception

Wednesday June 19, 2013

~8:00am – 4:00pm\*: 54th Joint Western Fish Disease Workshop & AFS Fish Health Section Meeting  
 6:00pm – 10:00pm: Banquet

Thursday June 20, 2013

~8:00am – 4:00pm\*: 54th Joint Western Fish Disease Workshop & AFS Fish Health Section Meeting

\*Meeting times on Wednesday and Thursday are approximate, and will be adjusted after all abstracts are received.

### Meeting Registration (due May 15, 2013):

Registration this year is through **123signup** (<https://www.123signup.com/register?id=bchkv>); secure payment can be made using major credit cards. Your registration fee of \$200 includes lunch on Wednesday and Thursday (June 19-20) and a banquet ticket for Wednesday evening. Additional banquet tickets can be purchased for \$40. Registration for the Continuing Education

class (Freshwater and Marine Biotoxins) on Tuesday June 18) is an additional \$75. Please note that the **CE session is limited to 70 participants**, so please register early if you would like to attend.

### **Lodging:**

Port Townsend is a vacation destination in Washington state; visitors are drawn to its charming Victorian and maritime history. Part of this charm includes the small Victorian hotels and B&B's scattered throughout the downtown area. We have made special arrangements, including reduced lodging rates, with several **participating establishments** ([link to PDF titled 'lodging choices'](#)). All of these establishments are within easy walking distance to the meeting. Please make your lodging arrangements by calling these establishments directly and mention that you will be attending the Western Fish Disease Workshop. **Room blocks at each of these establishments are reserved through April 19, 2013. Please reserve your lodging before this date to assure that you will have a room at the agreed-upon price.**

### **Abstract submission (due May 15, 2013)**

Please submit scientific abstracts as an email attachment, to Paul Hershberger ([phershberger@usgs.gov](mailto:phershberger@usgs.gov)), with "WFDW Abstract" as the e-mail subject line. Indicate at the bottom of your abstract the type of presentation you will give, oral or poster, and if you are student presenter. Please compose your abstract in the attached format:

For more information, please contact Paul Hershberger ([phershberger@usgs.gov](mailto:phershberger@usgs.gov)). We are looking forward to seeing you in Port Townsend.

### **AFS VOTING**

AFS is conducting an officer election for the coming year. As a current member, you are eligible to participate. The election begins March 25, 2013 and closes April 25, 2013 at 11:59 PM U. S. Eastern Time. Please remember to cast your ballot.

We encourage you to take advantage of this opportunity to select the Second Vice-president of the American Fisheries Society for 2013-2014. This year's candidates for office are Joe Margraf and Jim Bowker. Their Candidate Statements are attached.

### **FHS NOMINATIONS**

Spring has sprung and it time to nominate individuals for our 2013 FHS election. Positions open to election include Nominating and Balloting, Professional Standards, Technical Standards, Policy/Position Development, and Vice President. Nominations can be made for someone you know or for yourself. This presents a great opportunity for seasoned and young professionals alike to become more involved in the FHS. If there are things you would like to see changed or done differently in the FHS, now is the time to act! The duties of all positions as well as a list of individuals currently serving as section officers or as committee members can be found at <http://www.afs-fhs.org/committees.php>. Just click on the "Committees" link and then the "FHS Procedures Manual" link. You can also visit the official website at <http://www.afs-fhs.org/>. All nominees must be FHS members and, if elected, they must also be an AFS

member during their tenure as the committee chairperson or as a section officer. For a person to serve on the Professional Standards committee they must also be a certified Fish Health Inspector, a certified Fish Pathologist or a Doctor of Veterinary Medicine. Nominations will be accepted until 5 PM (EST) April 30, 2013. So, if you are interested in running or would like to nominate someone for any of these positions, please contact me.

Heather Walsh  
Chair AFS/FHS Nominating/Balloting Committee  
USGS Fish Health Branch  
11649 Leetown Rd.  
Kearneysville, WV 25430  
Office: (304) 724-4445  
Fax: (304) 724-4435  
e-mail: hwalsh@usgs.gov

### **CALL FOR AWARD NOMINATIONS**

**Snieszko Distinguished Service Award**- This is a request for nominations for the Snieszko Distinguished Service Award. This is the highest award presented by the FHS to honor individuals for outstanding accomplishments in the field of aquatic animal health. This is a career award. Candidates should have been active for a significant number of years in fish or shellfish health which resulted in significant accomplishments. Examples of accomplishments include but are not limited to:

1. Authored a substantial number of research publications in recognized peer reviewed journals;
2. Authored book chapters and books within the subject of fish or shellfish health;
3. Activity in finfish and shellfish health research or diagnostics as indicated by significant publications and/or secured grants for graduate student thesis projects, and/or administration of a successful finfish or shellfish health program or laboratory;
4. Played an important role in a major discovery regarding a new finfish or shellfish disease or diseases and/or continued significant contributions to the understanding of a previously discovered disease or diseases;
5. Previous recognition by peer through other society, committee or distinguished service awards and/or by elected or appointed chair/presidential positions.

Individuals to be considered for this award must be nominated by a current member of the FHS. The nominator must obtain six letters of recommendation from fish health professionals that support the nominee's dedication to research, teaching and/or service to the field of aquatic animal health. Nomination packets must be sent to the Awards Committee Chair by **April 22**. The packet must contain a letter of nomination, six letters of support and the curriculum vitae for the nominee:

**Special Achievement Award** – presented to a FHS member who has made a significant accomplishment in the fish health field regarding a new discovery, diagnostic method, publication, etc.. This award is for a one-time accomplishment and may or may not be given out every year. This award may be given for: (1) a unique contribution to

the fish health field (such as a new diagnostic tool, a new technique to control disease, etc.), (2) a significant research accomplishment, or (3) outstanding leadership in resolving a major aquatic animal health problem. The achievement must meet high standards of science and survive peer review.

Individuals to be considered for this award must be nominated by a current member of the FHS. The letter of nomination should clearly state: 1) the accomplishment; 2) the significance of the accomplishment to the field; 3) the implication of the accomplishment to aquaculture (local, regional, national, or worldwide). Copies of any articles or other documents relating to the work should be included. Nominations for the Special Achievement Award should be made within one year of the accomplishment and may be submitted to the Chair of the Awards Committee at any time.

**Snieszko Student Travel Awards** - This award is awarded to one or more students yearly to defray travel to the Annual FHS meeting to present a talk in the aquatic animal health field. The requirements from student applications are as follows:

- The student **MUST** be a member of the AFS/Fish Health Section
- Letter of application and statement of any special financial circumstances (i.e. not supported by a stipend, etc.)
- Curriculum vitae
- three letters of recommendation
- Itemized budget on how money is to be spent, i.e. travel, meals, lodging and registration
- Copy of abstract of paper to be presented

The applications will be judged by the following criteria:

- Quality of abstract
- Significance of/interest in the research
- Academic achievement
- Professional achievement
- Financial need

Students interested in applying for the Snieszko Student Travel Awards should prepare an application packet containing the above items and put it in pdf format. Submit complete pdf packet no later than April 22, 2011. Pdf packet should include: 1) Letter of application and statement of any special circumstances, 2) CV, 3) Three letters of recommendation, 4) Itemized budget, 5) Copy of abstract to be submitted.

Contact the Awards Committee Chair for further information:

Dr Scott Weber

Department of Medicine & Epidemiology

School of Veterinary Medicine

University of California

Davis, CA 95616

Phone: (530) 752-1363

[epweber@ucdavis.edu](mailto:epweber@ucdavis.edu)

## OTHER MEETINGS AND WORKSHOPS

**16th INTERNATIONAL CONFERENCE ON DISEASES OF FISH AND SHELLFISH – see attached InvitationEAFP2013.pdf**

**Tampere, Finland  
2-6th September 2013**

Welcome to the 16<sup>th</sup> International Conference on Diseases of Fish and Shellfish, 2-6 September 2013, Tampere, Finland.

You will find more information about the event on the Congress site <http://eafp2013.fi/> or in the attached pdf-flyer.

**38<sup>TH</sup> EASTERN FISH HEALTH WORKSHOP – see attached 38 EFHW tentative agenda and registration form**

**Eisenhower Inn and Conference Center  
Gettysburg, Pennsylvania  
April 29 – May 3, 2013**

**The 38th EFHW TENTATIVE AGENDA is attached.**

**Important Due Dates: Powerpoint Presentations: due by 15 April 2013**

**Lodging Accommodations:** Accommodations must be made with The Eisenhower Inn and Conference Center at (717) 334-8121. You must identify your affiliation with the Eastern Fish Health Workshop and call before **29 March 2007** to secure a room at the convention rate (\$98.00 per night plus tax).

**Registration:** A **\$250.00** registration fee (U.S.dollars) includes a reception on Monday evening, workshop proceedings, refreshments at breaks, buffet breakfasts and luncheons on each of the three days of the workshop, dinner on Tuesday night and the Anniversary Banquet on Thursday night. Make checks payable to the "Eastern Fish Health Workshop " and return payment with your registration form. The EFHW does not accept credit cards and there are no daily or discounted registrations.

**Continued Education Opportunity: Approaches and Considerations for Proper Fish Welfare** will be offered as the continuing education session on Friday, May 3 from 9:00 AM until 4:00 PM. The session will discuss fish welfare guidelines, IACUC requirements, pain perception in fish, analgesia and euthanasia, environmental impacts on health, assessing fish welfare, environmental enrichment, and fish transportation. This course is designed for people planning to or currently conducting fish research at aquatic animal health facilities, aquaculture centers, hatcheries, and aquariums. Participants will earn 6.0 CE credit hours from the Fish Health Section (FHS) of the American Fisheries Society and receive a CD-ROM of the presentations. The FHS is a RACE certified continuing education provider (No. 546) with the American Association of Veterinary State Boards. This program is designed to meet the requirements for

veterinary continuing education in jurisdictions which recognize AAVSB RACE approval; however, participants should be aware that some boards limit the number of hours accepted in certain categories and/or restrict certain methods of delivery. For additional information contact Dr. Mark Fast ([mfast@upei.ca](mailto:mfast@upei.ca)) or Dr. Stephen Smith ([stsmith7@vt.edu](mailto:stsmith7@vt.edu)). Cost will be \$50 (U.S.) and includes registration, handouts, breakfast, lunch and break.

**By automobile:** 4 miles south of downtown Gettysburg on Bus US 15. Take US Route 15 -Steinwehr Ave exit north (towards Gettysburg) for 3 miles on the right.

**By air:** If traveling by air, you should reserve a rental car i to reach the facility.

**From Harrisburg (PA) Airport:** US 15 South - Steinwehr Avenue Exit. Turn right off ramp onto business 15 North, 3 miles on the right. (50 minute drive)

**From Baltimore's BWI Airport:** 695 to 795 to I40 West to 15 North. Take Steinwehr Avenue Exit. Turn left off ramp onto business 15 north about 3 miles on the right. (90 minute drive)

**From Washington's Dulles Airport:** Dulles Greenway (toll road) west towards Leesburg (VA). At Leesburg follow US 15N about 50 miles to Steinwehr Avenue Exit. Turn left off ramp onto business 15 North, about 3 miles on the right. (90 minute drive)

### **2013 SALMON DISEASE WORKSHOP**

July, 15-26 2013

Corvallis, Oregon

<https://conferences.bus.oregonstate.edu/Conference/salmon-disease/registration>

Registration open and spaces are still available. This workshop is designed for professionals working in the fish health field and will emphasize recent advances and developments in our understanding of salmonid diseases. The workshop is limited to 20 participants on a first come, first served basis.

For more information, if you wish to receive graduate credit and to register, please contact Dr. Jerri Bartholomew at 541-737-1856 or e-mail at:

[bartholj@science.oregonstate.edu](mailto:bartholj@science.oregonstate.edu)

### **HEALTH AND COLONY MANAGEMENT OF LABORATORY FISH**

**Mount Desert Island Biological Laboratory**

**Bar Harbor, Maine**

**19 – 23 August 2013**

Applications are being accepted for this 1-week educational opportunity for individuals with maintenance, management or research responsibilities in which fish are used as laboratory animals.

APPLICATION DEADLINE - JUNE 15, 2013.

The course is offered at the Mount Desert Island Biological Laboratory, Salisbury Cove, Maine during the period of 19 - 23 August 2013. Topics to be discussed will include general system design and water quality management, anatomy and histology of fish, general fish diseases and disease management strategies. Infectious and non-infectious diseases common to all fish as well as specific diseases of importance to laboratory-maintained zebrafish will be discussed. The course will consist of lecture, laboratory exercises and discussions. During the course there will be an opportunity for students to discuss unusual and/or unsolved diagnostic case experiences from their home laboratories as problem-solving exercises. The course should be particularly valuable to technical staff, graduate students, postdoctoral fellows, junior faculty and investigators needing skills to monitor the health of a colony of aquatic organisms. The course also provides a unique educational opportunity for Residents in Laboratory Animal Medicine Programs.

For more information on the course, please see the course web site at:  
[http://www.mdibl.org/courses/Health\\_and\\_Colony\\_Management\\_of\\_Laboratory\\_Fish/182/](http://www.mdibl.org/courses/Health_and_Colony_Management_of_Laboratory_Fish/182/)

## **JOBS**

### **MICROBIOLOGIST -**

[http://agency.governmentjobs.com/dfw/job\\_bulletin.cfm?JobID=571527](http://agency.governmentjobs.com/dfw/job_bulletin.cfm?JobID=571527)

**Job Title:** Permanent Microbiologist 2 \*12697-13

**Opening Date/Time:** Fri. 03/01/13 12:00 AM Pacific Time

**Closing Date/Time:** Continuous

**Salary:** \$3,614.00 - \$4,741.00 Monthly

**Job Type:** Full Time - Permanent

**Location:** Thurston County – Olympia, Washington

**Department:** Dept. of Fish and Wildlife

[Print Job Information](#)[Apply](#)

[Description](#) [Benefits](#) [Supplemental Questions](#)

### **GRADUATE STUDENT: M.S. OR PHD RESEARCH ASSISTANTSHIP IN FISH HEALTH**

**Agency/Location:** University of Idaho, Moscow, ID 83844-1136

**Responsibilities:**

Conduct research on stress-mediated disease risks and novel pathogens associated with “Burbot” (*Lota lota*) as part of an ongoing conservation aquaculture program for this species. The student is expected to develop a thesis/dissertation and publish results in appropriate high quality/impact journals.

**Qualifications:**

Candidates with demonstrated written and oral communication skills and strong academic credentials are preferred. Applicant must be highly motivated and demonstrate a strong work ethic. **For MS:** must have a B.S. in microbiology, fisheries, aquaculture or a closely related field. **For PhD:** must have an MS in microbiology, fisheries, aquaculture or a closely related field. Laboratory experience in bacteriology and virology is highly desired. The student must have a strong interest in Fish Health and/or Aquaculture research, a minimum GPA of 3.0, and GRE scores of at least 1100 (verbal + quantitative).

**Stipend:** MS: \$17,000; PhD: \$20,000 plus full tuition/insurance coverage (approximately \$9,500/year)

**Closing date:** This position is open until filled. Ideally, a student would ideally start in May/June of 2013.

**Contact:** Please send pre-application material (cover letter, résumé, unofficial transcripts, GRE scores, and contact information of 3 references) to Dr. Ken Cain [kcain@uidaho.edu](mailto:kcain@uidaho.edu)

**Weblink:** Formal applications must be submitted through Graduate Admissions office (<http://www.uidaho.edu/graduateadmissions>).

**Category:** Student

**NEWS AND RESOURCES**

**WESTERN FISHERIES RESEARCH CENTER NEWSLETTER – See attached WFRC March Newsletter.pdf**

We would like to introduce you to our new monthly newsletter, designed to update you on science, new publications, events and news from the **U.S. Geological Survey Western Fisheries Research Center (WFRC)**. WFRC scientists conduct research on aquatic animal health; restoration ecology; and drivers of ecosystem change at six different field stations throughout Washington, Oregon and Nevada. We hope that this newsletter will help familiarize you with WFRC science and update you on our latest developments. Please forward to colleagues who may also benefit from these communications.

Read online: <http://wfrc.usgs.gov/newsletter/>

**FUN PARASITES** - <http://phenomena.nationalgeographic.com/2013/02/28/tongue-eating-fish-parasites-never-cease-to-amaze/>