



Fish Health Section



The official link to the FHS website is: <http://www.afs-fhs.org/>

FHS NEWS

Bring a Guest to the AFS-FHS Meeting in Ithaca, NY!!

AFS-FHS meeting attendees — bring a guest! Daily guided tours of Ithaca's best features are up on tap for those interested in exploring the sights. Waterfalls, gorges, Moosewood Restaurant, wineries, Cornell's Johnson Museum of Art, and more. Download this preview of the daily lineup. <http://tinyurl.com/mr4vxao>

Meeting information can be found under "Meetings, Workshops, and Courses".

Students and Early Career Members

A new student profile has been posted on the Students and Early Career Members blog. Marc Terrazas, a master's student at the University of Idaho, is studying stress-mediated disease and thermal ecology issues associated with burbot culture and restoration. Learn more about Marc and his experiences here – <http://afs-fhs-students.blogspot.ca/2015/06/student-profile-marc-terrazas.html>

For any students/early career members looking for a roommate at the upcoming FHS Annual Meeting in July, we have set up a roommate sign-up sheet, https://docs.google.com/spreadsheets/d/1cpz88yuG0LYrsfR5AsyK_eCqizDZd4F4YO9AasBpXmM/edit?pli=1#gid=0.

We'd also like to remind everyone to check out our LinkedIn page (http://www.linkedin.com/groups?home=&gid=8129129&trk=groups_guest_about-h-logo). The goal of the page is to help fish health students and budding professionals find each other and get connected. We are hoping that this will allow students to gain mentorship from young professionals and provide a platform to post jobs, interesting questions and general ideas surrounding fish health. Hope to see you on there!

Finally, we're always looking for people at any stage of their career to profile on the blog. Previous profiles can be found here - <http://afs-fhs-students.blogspot.ca/search/label/profiles>. If you're interested in participating or have any questions/suggestions for us, please contact us at student.section.fhs@gmail.com.

Student Travel Awards for the AFS-FHS Meeting in Ithaca, NY

Students of the AFS-FHS section, please be reminded that student travel awards are available for the July meeting in Ithaca

<https://www.facebook.com/afs.fhs.2015.meeting>). Please visit the Awards page (<http://www.afs-fhs.org/awards.php>) or see below. All information must be submitted by June 1st. the awards committee will make decisions by June 15th.

Snieszko Student Travel Awards

This award, a sum of up to \$1000, 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:

- Letter of application and statement of any special financial circumstances (i.e. not supported by a stipend, etc.)
- Curriculum vitae must be submitted along with 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 student must be a member of the AFS/Fish Health Section
- The applications will be judged by the following criteria:
 - Quality of abstract
 - Significance of/interest in the research
 - Academic achievement
 - Professional achievement
 - Financial need

Please email information to: Luke Iwanowicz at liwanowicz@usgs.gov

Meetings, Workshops, and Courses

Annual AFS-Fish Health Section Annual Meeting (First Announcement)

Ithaca, New York

July 13-15, 2015

The first announcement for the AFS-Fish Health Section Annual Meeting is attached (AFS-FHS_2015_1st ANNC.pdf). Make it a point to join us in Ithaca, NY this summer from July 13 to 15th! We aim to educate, entertain, and please. Check out our Facebook page: www.facebook.com/afs.fhs.2015.meeting

Registration is now open! To see the complete announcement go to:

<http://tinyurl.com/ovozhv5>

The Announcement Packet includes:

- Registration Form
- Lodging Information
- Abstract Submission Instructions
- Tentative Agenda

21st Annual Aquaculture Drug Approval Coordination Workshop
Bozeman, Montana
July 27-30, 2015

Please click [HERE](#) to see the Workshop website and Registration page!

21st Annual Aquaculture Drug Approval Coordination Workshop

HOSTED
BY **USFWS—AADAP Program**



Bozeman, Montana

Monday, July 27th—Thursday, July 30th, 2015



Health and Colony Management of Laboratory Fish
Mount Desert Island Biological Laboratory, Salisbury Cove, Maine
August 16-21, 2015

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 12, 2015.

The course is offered at the Mount Desert Island Biological Laboratory, Salisbury Cove, Maine during the period of 16 - 21 August 2015. 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://mdibl.org/course/hcmlf-2015/>

**European Association of Fish Pathologists International Conference on Diseases of Fish and Shellfish—Deadlines for Abstract Submission and Early Registration
Las Palmas de Gran Canaria, Spain
September 7-11, 2015**

The EAFP 17th International Conference on Diseases of Fish and Shellfish is now being planned for September 7-11, 2015 in Las Palmas de Gran Canaria, Spain, and promises to be another exceptional conference. This conference will provide an excellent opportunity to share your research with participants from around the world in a beautiful and historic venue. For more information on the conference, please visit the conference website at <http://www.eafp2015.es/>. The deadline for submission of abstracts (online electronic submission only) is **April 10, 2015**, and the deadline for early registration is **May 15, 2015**.

**EAFP Pre-conference workshop on diagnostic test validation
Held in conjunction with the EAFP meeting, Canary Islands, Spain
September 6th**

If you need guidance on the best strategies for use of experimental and/or field studies to obtain estimates of diagnostic sensitivity and specificity, and tips for analyzing these data this workshop is for you. There will be 3 hours of lecture/discussion and the remaining 4 hours will be problem-based with use of Medcalc software to analyze data assuming a perfect reference standard. If there is sufficient interest, one hour may be allocated to use of latent class analysis when the reference standard is imperfect. Examples will be based on OIE-listed diseases of finfish, mollusks and crustaceans and participants are encouraged to bring their own data or provide relevant examples for discussion.

Please see the attached PDF entitled, "Evaluation of the accuracy of diagnostic tests April 10" for more information on this workshop as well as a course outline.

Short Course on Toxicologic Pathology in Fish
University of Berne, Switzerland
October 7-9, 2015

We are pleased to announce the 3rd short course on toxicologic pathology in fish. The aim is to provide training in the methods and diagnosis of toxicopathological lesions in fish.

Please open the attached PDF entitled, "Toxicopath flyer 2015 final" for more information.

4th International Conference on Members of the Genus Flavobacterium
Auburn, Alabama
October 27-29, 2015

The Flavobacterium 2015 Organizing Committee welcomes your abstracts for oral papers and scientific posters. **Registration is now open.** Instructions for abstract submission can be found at www.flavobacterium.com. Information on lodging and travel to Auburn is also available on the website. We plan on opening registration in the upcoming weeks.

If you have any questions about the meeting please, contact the organizing committee at flavobacterium2015@gmail.com

Looking forward to receiving your abstracts!

Don't forget to like the conference FB page Flavobacterium 2015

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JOBS/GRADUATE ASSISTANTSHIPS

Graduate Student Opening at the School of Fisheries - Auburn University

I have a PhD student opening in my lab to work with fish pathogens. This person will participate in the daily operations of the Southeastern Cooperative Fish Disease Lab and must have previous experience on aquatic animal health. Ideally, I'd prefer a candidate with some experience in pathology or tissue culture and with a MS degree. Molecular biology experience is not required although the student's project will involved the use of DNA-based techniques including next generation sequencing. If you know of any potential students please tell them to contact me by mail (I'll be traveling in the upcoming weeks).

Cova Arias, PhD

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RESOURCES

Western Fisheries Science News: May 2015 - Issue 3.5

Dear Western Fisheries Research Center Colleagues, Partners and Friends;

Please enjoy the latest issue of our Center 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.

To subscribe (or unsubscribe) to the "Western Fisheries Science News" mailing list, please do so at <http://wfrc.usgs.gov/newsletter/maillist.html>

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

2nd Edition of the Quick Desk Reference Guide to: Approved Drugs for Use in Aquaculture

The U. S. Fish and Wildlife Service Aquatic Animal Drug Approval Partnership (AADAP) Program will soon be releasing the 2nd Edition of the Quick Desk Reference Guide to: Approved Drugs for Use in Aquaculture. Originally published in 2011 with support from the Association of Fish and Wildlife Agencies and the American Fisheries Society Fish Culture and Fish Health Sections, the Desk Reference was provided free-of-charge to the many AADAP partners and stakeholders. The Desk Reference proved wildly popular: 1,100 of the 1st edition were made available, and all were spoken for in less than 2 days. The U.S. Food and Drug Administration has granted several new drug approvals since publication of the 1st edition, and the 2nd edition reflects all of these important advances in fish health management. Thanks to generous contributions from external partners, AADAP will be able to produce and ship 2,000+ of the 2nd edition to

our partners across the country. The 2nd edition Desk Reference should be available for distribution by the end of April 2015—they will go fast, so be sure to submit your request for a copy right away!

If you are interested in receiving the new Desk Reference booklet, **please contact Ms. Nicole Wandear** (niccole_wandear@fws.gov) and provide her the following information:

- 1) Your first and last name,
- 2) Your organization,
- 3) Your current FedEx address (or street address; *no PO Boxes* please),
- 4) A phone number,
- 5) The number of booklets you'd like.