



# Fish Health Section



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

## FHS NEWS

### FHS President's Note

Greetings from Ithaca where the snow has finally melted.

I have a few things to bring to your attention. Tom Loch attended the AVMA Aquatic Veterinary Medicine Committee meeting in Illinois last month and provided the first item. As the FHS representative (replacing Sue Marcquenski) Tom updated the committee about our doings. He also brought back details of a new APHIS initiative called Commercial Aquaculture Health Program Standards (CAHPS) Concept. Take a look at the two pdfs that Ben has attached. The FAQs pdf has a link where there is even more info. Clearly, there are opportunities here for FHS members to increase their interactions with the aquaculture industry.

The next item is a summary of the discussion that our ad-hoc committee had on increasing international participation in the FHS certification program. Please read the suggestions we have (also attached as a pdf) and send your comments to Larry Hanson ([Hanson@cvm.msstate.edu](mailto:Hanson@cvm.msstate.edu)) or myself ([rgg4@cornell](mailto:rgg4@cornell)).

The Archive Committee is making major progress on creating Bios for all our Snieszko Distinguished Service Award Winners...stayed tuned.

Finally, we have lined up some great speakers for the CE session, which will occur during the first day of the Annual AFS-FHS meeting, July 13<sup>th</sup>, here in sunny Ithaca. We will post the line-up as soon as we have our RACE approval.

Till next time.

Cheers,  
Rod Getchell

### Request for an older article from the FHS Newsletter

Gustavo Ramirez-Paredes is looking for an older article (1995) from the FHS Newsletter:

Title: Isolation of a new rickettsia-like organism from Atlantic salmon in Chile  
Authors: J Cvitanich, O Gárate, C Silva, M Andrade, C Figueroa  
FHS/AFS newsletter, 1995

If you have any of the older FHS newsletters or know of anyone who may, Gus would greatly appreciate it if you could provide him a copy of the article. His contact information is below:

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

AFS-FSH 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. Amy Teffer, a Ph.D. student at the University of Victoria, is examining the disease ecology of wild salmon in British Columbia. Learn more about Amy and her experiences here – <http://afs-fhs-students.blogspot.ca/2015/04/student-profile-amy-teffer.html>

We'd also like to remind everyone to check out our LinkedIn page ([http://www.linkedin.com/groups?home=&gid=8129129&trk=groups\\_quest\\_about-h-logo](http://www.linkedin.com/groups?home=&gid=8129129&trk=groups_quest_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](mailto: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 1<sup>st</sup>. the awards committee will make decisions by June 15<sup>th</sup>.

### **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](mailto:liwanowicz@usgs.gov)

## **Meetings, Workshops, and Courses**

### **56<sup>th</sup> Annual Western Fish Disease Workshop (2<sup>nd</sup> Call for Abstracts and Extended Early Registration Period)**

**Sheraton Steamboat Resort, Steamboat Springs Colorado  
June 2-4, 2015**

Please join us this year at the Sheraton Steamboat resort in beautiful Steamboat Springs, Colorado for the 2015 Western Fish Disease Workshop (WFDW) on June 2-4, 2015. The WFDW is an annual conference designed to address fish health issues affecting aquaculture and wild fish populations in the western United States, Canada, and the Pacific Ocean. Researchers, fish health professionals, veterinarians, and students come together to present current topics of interest in all fields of fish health.

Online registration is available at <http://tinyurl.com/mnszt2c>, and hotel reservations can be made through <http://tinyurl.com/k9jz2fj>.

See the attached PDF flyer entitled, "Western 2015 Registration" for more details on this conference, registration, the CE program, and how to submit a presentation, or contact Brandon Taro ([brandon.taro@wyo.gov](mailto:brandon.taro@wyo.gov), +1 307-766-5620 work, +1 307-399-9806 cell), or Vicki Milano ([vicki.milano@state.co.us](mailto:vicki.milano@state.co.us), +1 970-370-3015 work).

**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](http://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

**2015 Salmon Disease Workshop**  
**Corvallis, Oregon**  
**July, 20-31, 2015**

Registration now open!  
<https://conferences.bus.oregonstate.edu/Conference/salmon-disease/registration>

This workshop, designed for professionals working in the fish health field, will emphasize recent advances and developments in our understanding of salmonid diseases. We have a number of great lectures and hands on labs scheduled and the workshop is limited to 20 participants on a first come, first served basis. For more information on the course go to:

[http://micro6.science.oregonstate.edu/barthol\\_lab\\_SDW](http://micro6.science.oregonstate.edu/barthol_lab_SDW)

For more information, if you wish to register for graduate credit, 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, 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.\*\*

**4<sup>th</sup> 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. The submission period is **March 20th-April 30th**. Instructions for abstract submission can be found at [www.flavobacterium.com](http://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](mailto: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**

**3 Positions at The Center for Aquaculture Technologies Canada (Director of Fish Health; Senior Research Scientist-Fish Health; Quality Assurance Specialist)**  
The Center for Aquaculture Technologies Canada  
Prince Edward Island, Canada

The Center for Aquaculture Technologies Canada is seeking to fill three new positions for our aquaculture R&D facility on PEI. The job advertisements for Director of Fish Health, Senior Research Scientist-Fish Health, and Quality Assurance Specialist are attached. These positions will remain open until we find the best people to fill them.

### **Aquatic Veterinarian, Veterinarian I**

**Department of Natural Resources, Colorado Parks and Wildlife  
Durango, CO**

Position Title: Aquatic Veterinarian  
Classification: Veterinarian I  
Job Location: Durango  
Close Date: April 28, 2015

TO APPLY: [Aquatic Veterinarian](#)

If you experience difficulty with the link, please access the State of Colorado Official Job Opportunities website at: <https://www.colorado.gov/dhr/jobs>

## **RESOURCES**

### **2<sup>nd</sup> 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 2<sup>nd</sup> 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 1<sup>st</sup> 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 1<sup>st</sup> edition, and the 2<sup>nd</sup> 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 2<sup>nd</sup> edition to our partners across the country. The 2<sup>nd</sup> 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. Niccole Wandelea** ([niccole\\_wandelea@fws.gov](mailto:niccole_wandelea@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.