

# Fish Health Section



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

## FHS NEWS

### FHS President's Note

GREETINGS FISH HEALTH MEMBERS,

Many people use the phrase “moving forward,” but the theme of my note this time is “looking back and giving back.” More specifically, I want to thank members of our archive committee, Rocco Cipriano, Diane Elliott, and Gary Wedemeyer, who spent the last six months on a project that recognizes the Snieszko Award Recipients. The archive committee gathered extremely hard-to-access information so that all of our distinguished recipients would have a representative biography and photo that they so rightly deserve. [The Fish Health Section will soon have the opportunity to view these profiles on the section web site.](#)

I am also writing to announce a very generous gift to the members of the Fish Health Section. Tosh Yasutake, a Snieszko Award Recipient himself, has created a new collection of photomicrographs from his archives titled, “Histopathology of Selected Parasitic Salmonid Diseases: A Color Atlas.” I am sure many of you have used the Microscopic Anatomy of Salmonids Atlas, which he co-authored. The parasite images in the new atlas are a great addition for those of us who value high quality micrographs. Our members will benefit from having access to this excellent histopathology atlas on our section web site. I very much appreciate that Tosh has made this contribution to our members. At 93, he is still giving back, thank you Tosh!

And finally, don't be caught looking back because you missed the June 1st deadline for submitting your abstract and receiving a lower registration cost for the upcoming AFS-FHS Annual Meeting in Ithaca.

The CE agenda is now available here: <http://tinyurl.com/l8rnxs3>

And the registration forms are here: <http://tinyurl.com/ovozhv5>

Check our Facebook page at [www.facebook.com/afs.fhs.2015.meeting](http://www.facebook.com/afs.fhs.2015.meeting)

Looking “forward” to seeing you all in the Finger Lakes this summer.

Rod Getchell

**In Memorium: Gordon Russell Bell**  
**March 27, 1924 - April 17, 2015**

We are saddened to announce the death of Dr. Gordon R Bell, who had resided at the Delta View Life Enrichment Centre in Delta, British Columbia (Canada) since 2013. Gordon received a B.Sc. degree in agriculture from the University of British Columbia, his MSc. degree in agriculture from Iowa State College, and his Ph.D. degree from the University of Western Ontario. He served as an employee of the government of Canada for 35 years, with 30 of those years spent as a research scientist at the Pacific Biological Station (PBS) in Nanaimo, B.C. When Dr. Bell arrived at the PBS in 1957, he shifted from his background in agriculture and applied his microbiology skills to the study of fish health problems. During his career at the PBS, Dr. Bell served as the head of the Department of Fisheries and Oceans Pacific Region Fish Health Program. This program was engaged in fish health certification and diagnostic consultations as well as research. Dr. Bell authored more than 60 publications, including several well-known "Guides" on topics such as the properties and use of general anesthetics for fish, surgical techniques for Pacific salmon, preparation and shipment of fish samples for histology, and anatomy and physiology of Pacific salmon. As co-chair of the Canadian Committee on Fish Diseases, he was instrumental in the establishment of Canada's Fish Health Protection Regulations. Dr. Bell was well recognized nationally and internationally for his lifetime research contributions and other service to the fish health field. He was a 1987 recipient of the S.F. Snieszko Distinguished Service Award presented by the Fish Health Section of the American Fisheries Society. After his retirement from the PBS in 1987, he continued his involvement in the fish health field for several more years and passed away in Delta, B.C. on April 17, 2015. Gordon was known for his thoughtful and caring nature and his warm sense of humor. He was predeceased by the love of his life, Marjorie (1999). A Celebration of Life will be held by the family at the Nanaimo Golf Club on Sunday, May 24 from 1pm-3pm.

**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".

**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**

**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 closes on June 1!**  
<http://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)

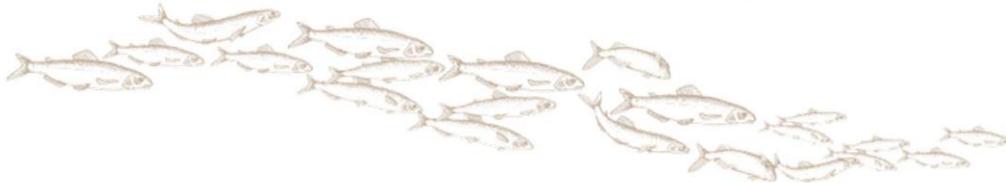
**21<sup>st</sup> Annual Aquaculture Drug Approval Coordination Workshop**  
**Bozeman, Montana**  
**July 27-30, 2015**

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

---

# 21<sup>st</sup> Annual Aquaculture Drug Approval Coordination Workshop

HOSTED  
BY **USFWS—AADAP Program**



**Bozeman, Montana**

**Monday, July 27<sup>th</sup>—Thursday, July 30<sup>th</sup>, 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.\*\*

**41<sup>st</sup> Annual Meeting of the Atlantic International Chapter of the American Fisheries Society**  
**CAP-PELÉ, NEW BRUNSWICK CANADA**  
**September 20-22, 2015**

Please open the attached PDF entitled, "41st AIC Meeting\_Call for Abstracts" to view the first call for abstracts.

**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.

**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 **has been extended to May 29<sup>th</sup> and registration is now open**. 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

Cova Arias, PhD  
[ariascr@auburn.edu](mailto:ariascr@auburn.edu)  
[www.ariaslab.org](http://www.ariaslab.org)

## **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. Nicole 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.