



# Fish Health Section



The official link to the FHS website is: <https://units.fisheries.org/fhs/>

## FHS NEWS

### Change in FHS Listserve Editor

Hello everyone,

I'm excited for the opportunity to get more involved with FHS. I've been a fish biologist for the US Food and Drug Administration, Center for Veterinary Medicine, Office of Research since 2001

[9https://www.fda.gov/AnimalVeterinary/ScienceResearch/ucm558355.htm](https://www.fda.gov/AnimalVeterinary/ScienceResearch/ucm558355.htm)). Prior to FDA, I was a fisheries biologist for Maryland Department of Natural Resources. I look forward to getting any news, job announcements, meeting/workshop announcements, or other relevant information at [charliegieseker@gmail.com](mailto:charliegieseker@gmail.com). FYI - FDA requires I use my personal email for this activity.

Thanks, Charlie

### Letter from the FHS President

Esteban Soto has prepared a letter to FHS members. [Please open the PDF entitled, "Letter from the president Oct 2017", to view.](#)

### ISAAH 2018 Update: Keynote Speakers and Sponsorship packages

The Atlantic Veterinary College (AVC) at the University of Prince Edward Island is proud to partner with the Prince Edward Island BioAlliance and the Fish Health Section of the American Fisheries Society (FHS) to co-host the eighth International Symposium on Aquatic Animal Health ([www.isaah2018.com](http://www.isaah2018.com)). The 2018 event will be held at the Prince Edward Island Convention Centre from September 2 to 6 in beautiful Charlottetown, PEI, Canada. A symposium email address has been set-up and can be used to email the organizing committee: [info@isaah.com](mailto:info@isaah.com).

The organizing committee of ISAAH is happy to announce the Keynote Speakers that will be presenting at ISAAH 2018. Please visit this website page to view the biographies for the speakers: <https://isaah2018.com/speakers/keynote-speakers/>. The call for

abstracts and Tentative Program Schedule are currently being prepared and will be coming soon!

Additionally, the organizing committee would like to announce that Sponsorship Packages are now available and can be found at the following website:  
<https://isaah2018.com/sponsorship/>.

Please don't forget to sign up for meeting updates and news at the symposium website ([www.isaah2018.com](http://www.isaah2018.com)). Once at the website, on the right side of the page will be a place to enter your email address to receive important meeting notifications and news.

Finally, the call for special sessions and workshops is still open. Please see the attached PDF entitled, "Call for special sessions and workshops ISA AH" for more information.

### **Commentary from the Parent Society President: Getting More Out of Your AFS Dues**

Wouldn't it be nice if just once, when the price of something increased, you actually got more for your money? AFS members will get more for their money when the increase in dues approved by the AFS Management Committee last month in Tampa goes into effect in 2018. [Read more.](#)

## **STUDENTS AND EARLY CAREER MEMBERS**

### **Funding Opportunity for Graduate Students and Post-Doctoral Fellows for Travel Support to Attend the 8<sup>th</sup> ISA AH**

The Canada Excellence Research Chair (CERC) in Aquatic Epidemiology is committed to world-leadership in aquatic epidemiology with a focus in ecosystem health. As part of its mandate, the CERC is building global capacity and supporting research in regions such as Asia, central and South America, and Africa where there have been limited opportunities for research in aquatic epidemiology and presentation of research findings at international meetings.

Applicants should be PhD students or post-doctoral fellows whose research focus is aquatic epidemiology or ecosystem health at the time of abstract submission. Masters students with outstanding records of scholarship and PhD students graduated less than 1 year and working in aquatic animal health will also be considered for funding. Preference will be given to applicants outside of Canada and the U.S.A, and especially those from the regions listed above.

For more information on the application process and deadlines, please view the PDF entitled, "CERC Student Travel Awards Announcement July 21".

## **MEETINGS, WORKSHOPS AND COURSES**

### **Sponsored Session at Aquaculture America 2018**

**Las Vegas, Nevada**

**February 19-22, 2018**

AADAP and The National Aquaculture Association are sponsoring a session at Aquaculture America 2018 on the Veterinary Feed Directive rule change.

Please attend if you are confused about (1) the Veterinary Feed Directive rule change that was enacted on Jan 1, 2017 or (2) the subsequent Compliance Policy Guideline on Extralabel Use of Medicated Feeds in Minor Species.

### **43<sup>rd</sup> Annual Eastern Fish Health Workshop**

**Chattanooga, Tennessee**

**April 9 to 13, 2018**

We are proud to announce the 43<sup>rd</sup> Annual Eastern Fish Health Workshop at the Chattanooga Marriott Downtown hotel in Chattanooga, Tennessee. Registration begins at our annual reception on Monday, April 9 from 5:00 to 7:00 pm, and is followed by an evening of interesting, bewildering, and bemusing case reports. There will be three full-day sessions (April 10-12), followed by a full-day continuing education course on Friday, April 13. We encourage contributions for oral presentation of case reports and research investigations that are pertinent to animal health within marine and freshwater environments. Important Deadlines:

Abstracts Due By: 28 February 2018

Registration Due By (postmarked): 28 February 2018 (to avoid the late fee)

PowerPoints Due: 27 March 2018

Hotel Reservation Due By: 8 March 2018.

### **24th Annual Aquaculture Drug Approval Coordination Workshop and the 59<sup>th</sup> Western Fish Disease Workshop**

**Bozeman, Montana**

**June 19-22, 2018**

Make plans to attend the 24th Annual Aquaculture Drug Approval Coordination Workshop and the 59<sup>th</sup> Western Fish Disease Workshop. June 2018 is a long way off, but for some, it's never too early to request approval to attend out-of-state meetings. The 24th Annual Aquaculture Drug Approval Coordination Workshop will be held in conjunction with the 59th Western Fish Disease Workshop on June 19-22, 2018, in Bozeman, Montana. The workshops will be scheduled back-to-back and we hope those making plans to attend one will also plan to attend the other. Additional Workshop details will be provided as they become available. Hope to see many of you in beautiful Bozeman next June.

**8<sup>th</sup> International Symposium on Aquatic Animal Health**  
**Charlottetown, Prince Edward Island, Canada**  
**September 2-6, 2018**

The Atlantic Veterinary College (AVC) at the University of Prince Edward Island is proud to partner with the Prince Edward Island BioAlliance and the Fish Health Section of the American Fisheries Society (FHS) to co-host the eighth International Symposium on Aquatic Animal Health ([www.isaah2018.com](http://www.isaah2018.com)). The 2018 event will be held at the Prince Edward Island Convention Centre from September 2 to 6 in beautiful Charlottetown, PEI, Canada.

## **JOBS/GRADUATE ASSISTANTSHIPS**

**Fish Health and Lab Coordinator**  
**Troutlodge Inc.**  
**Bonney Lake, WA**

Troutlodge is part of the multinational, multi species animal breeding company Hendrix Genetics. As part of this organization we have access to market leading genetic and genomic technology to utilize in our Rainbow Trout breeding program. From our base in the pacific NW we supply around 500M selectively bred trout eggs to over 50 countries annually.

With such international trade health testing and certification is an essential part of our business. We are recruiting for this position which will lead the implementation of our fish disease testing program, ensuring that samples are taken in the approved manner, and dispatched to the diagnostic laboratory in the accepted timescale as well as distributing lot results internally. The role will also lead the on farm health monitoring program (microbiological and parasite), and and operate the on site lab to a high standard.

<http://www.aquaculturejobs.com/job/fish-health-and-lab-coordinator-bonney-lake-wa-troutlodge-inc-73f8c8b4c3/?d=1&source=jobroll>

**Research Associate (Post-Doc): Pacific Oyster Response to Ocean Acidification and herpes virus threats**  
**Oregon State University**  
**Newport, Oregon**

Research Associate (Post Doc) holds a leadership role in a larger research team made up of researchers from Oregon State University (OSU) and the Agriculture Research Service-United States Department of Agriculture (USDA – ARS) involved in cooperative research to improve commercially important traits of farmed Pacific oysters on the US

West Coast through the application of quantitative and molecular selection (MAS) methods.

Specific objectives are to participate in the design, execution and data analysis of experiments to: 1) develop resistant stocks to new microvariant strains of oyster herpes virus (OsHV-1  $\mu$ var) that pose a threat to the US West Coast oyster industry, 2) develop stocks that are resilient to hypoxic, acidified seawater (OA), 3) develop high-yielding stocks as part of Oregon State University's shellfish breeding program, the Molluscan Broodstock Program (MBP). Quantitative analysis of data will include application of mixed animal models e.g. AIREMLF90, ASReml.

The incumbent is expected to engage in innovative research, produce scholarly publications and other products, as well as participate in outreach to the West Coast shellfish industry. The position is located at the Hatfield Marine Science Center (HMSC), Newport, OR.

<https://jobs.oregonstate.edu/postings/49941>

## **RESOURCES/NEWS**

### **AADAP Update: FDA Answers Some Questions About Veterinary Feed Directives**

Below are four questions that we have been frequently asked relative to the use of Veterinary Feed Directive (VFD) Medicated Feeds. We ran these questions by staff with the U.S. Food and Drug Administration Center for Veterinary Medicine and we're sharing their answers with you.

#1. Can a VFD order for medicated feed be written for fish that don't exist yet?

[YES – Learn More](#)

#2 Can surplus VFD medicated feed on hand be used for another VFD order?

[YES – Learn More](#)

#3 - Can fish from one state natural resource agency facility be moved to numerous other facilities within the same state agency and all be under the same VFD?

[YES – Learn More](#)

### **Western Fisheries Science News: September 2017 - Issue 5.9**

Dear WFRC 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 four different

field stations throughout Washington and Oregon. 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/>

In this issue . . .

## FEATURE STORY

Conducting Risk Assessments for the Reintroduction of Salmon in the Upper Columbia River

## EVENTS

- USGS at Northwest Climate Conference
- USGS Scientists Participate in Fish Health Meeting
- USGS Presents at Washington State Academy of Sciences Meeting

## IN THE NEWS

On September 6, 2017, USGS scientists were quoted in Courthouse News Service about an article published this week in Ecology and Evolution on landscape ecology of infectious hematopoietic necrosis virus in salmonids. The research included scientists from the Cary Institute of Ecosystems Studies, Cornell University, University of Alabama, University of Washington, Virginia Institute of Marine Science, and WFRC. For more information, contact Rachel Breyta, [206-526-2277](tel:206-526-2277), [rbjmax@uw.edu](mailto:rbjmax@uw.edu), or Gael Kurath, Seattle, WA, [206-526-6583](tel:206-526-6583), [gkurath@usgs.gov](mailto:gkurath@usgs.gov).  
<https://www.courthousenews.com/deadly-fish-virus-spreading-pacific-northwest/>

On September 1, 2017, WFRC scientists Nancy Elder and Steve Rubin were featured on Seattle television station KING-5 as they conducted dive surveys to monitor the Elwha River Delta following dam removal. The piece included underwater video and interviews of both Elder and Rubin. USGS has been monitoring the Elwha River Delta for 10 years, giving them an opportunity to see changes since the dams were removed on the Elwha River. For more information, contact Nancy Elder, Nordland, WA, [360-385-1007, ext. 222](tel:360-385-1007), [nelder@usgs.gov](mailto:nelder@usgs.gov) or Jeff Duda, Seattle, WA, [206-526-2532](tel:206-526-2532), [jduda@usgs.gov](mailto:jduda@usgs.gov). <http://www.king5.com/tech/science/environment/underwater-video-shows-elwha-regeneration-after-dam-removal/470184142>

## PUBLICATIONS

Hardiman, J.M., Breyta, R.B., Haskell, C.A., Ostberg, C.O., Hatten, J.R., and Connolly,

P.J., 2017, Risk assessment for the reintroduction of anadromous salmonids upstream of Chief Joseph and Grand Coulee Dams, northeastern Washington: U.S. Geological Survey Open-File Report 2017 -1113, 87 p.

<https://pubs.er.usgs.gov/publication/ofr20171113>

Borin, J.M., M.L. Moser, A.G. Hansen, D.A. Beauchamp, S.C. Corbett, B.R. Dumbauld, C. Pruitt, J.L. Ruesink, and C. Donoghue. 2017. Energetic requirements of green sturgeon (*Acipenser medirostris*) feeding on burrowing shrimp (*Neotrypaea californiensis*) in estuaries: importance of temperature, reproductive investment, and residence time. *Environ. Biol. Fish.* (2017): 1-13. DOI: 10.1007/s10641-017-0665-3.

<https://link.springer.com/article/10.1007/s10641-017-0665-3>