



# Fish Health Section



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

## FHS NEWS

**57<sup>th</sup> Western Fish Disease Workshop, AFS Fish Health Section Meeting, and 22<sup>nd</sup> USFWS Aquaculture Drug Approval Coordination Workshop**  
**Jackson Hole, WY**  
**June 7-10, 2016**

Registration and Call for Abstracts is still open, and meeting organizers are encouraging the submission of additional abstracts and more registrants. The call for abstracts has been extended to May 8<sup>th</sup>. The deadline for early registration is 3/31/2016, and late registration begins May 1st. For full information on the meeting and CE course, please open the PDF entitled, “Western Fish Disease Workshop 2016 Registration 2”.

## FHS Annual Election – The Time to Vote is Now!!

Annual elections for FHS officers are underway and will run from May 2<sup>nd</sup> through May 16<sup>th</sup>. Nominee biosketches can be viewed on the FHS website at <http://www.afs-fhs.org/perch/resources/biosketches2016.pdf>. All members who are eligible to vote will receive an email with a link to the voting website.

**Fish Health Bonanza!!!! Save the Date for the 2017 AFS-FHS meeting (Jointly with the Great Lakes Fishery Commission Fish Health Committee) followed by the Eastern Fish Health Workshop**

Sparty invites you to a full week of Fish Health Bonanza on April 1-7<sup>th</sup>, 2017!!!

- 2017 AFS-FHS meeting jointly with the Great Lakes Fishery Commission Fish Health Committee (April 1-3)
- Eastern Fish Health Workshop (April 3-6)
- Continuing Education (April 7)

This is an exciting announcement and the meetings will be held at the Kellogg Hotel and Conference Center at Michigan State University in East Lansing, MI.

Please see the PDF entitled, “FHS2017” for the Save the Date!

## NEW! Fish Health Laboratory QA/QC Program

The Standing Committee for Quality Assurance has unveiled plans for a multi-tiered program for quality assurance and quality control in aquatic animal laboratories. Details

of the initial phase of the program, designated as "Tier 1 - Prequalification", have been finalized and the application can be accessed via ([Application](#)). A second phase, "Tier 2 - Recognition" is under development and should be completed by the end of the year. The first two phases will be administered by the FHS, under the guidance of the Standing Committee. Possible future plans might include a third Tier, with actual accreditation under an agency with legal authority.

The Tier 1 phase requires applicants to provide establishment and documentation of quality assurance principals, based largely on Chapter 3 of the FHS-AFS Bluebook, including standard operating procedures for laboratory procedures and equipment, designation of key quality assurance personnel, as well as laboratory safety procedures.

This program is designed for the many small-medium sized laboratories which don't have the resources to become accredited with more expensive/onerous programs, while still raising the quality and credibility of laboratory diagnostic/inspection services throughout North America. The program can be accomplished over time as resources become available, and is totally voluntary.

An application fee for the Tier 1 phase of \$500 has been established and applications for 2016 are due no later than March 31. A working subgroup of the Committee will review the applications and notify applicants at the FHS Meeting at Jackson, Wyoming in June 2016.

For additional information, contact Dr. Chris Wilson at [wetvet53@gmail.com](mailto:wetvet53@gmail.com).

### **Call for Proposals to Host ISAAH-8**

The American Fisheries Society's Fish Health Section is soliciting proposals to host the 8th International Symposium on Aquatic Animal Health (ISAAH-8), September 2 - 7, 2018. Please open the PDF entitled, "CALL FOR PROPOSALS TO HOST ISAAH-8 FINAL" for more information.

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

#### **Health and Colony Management of Laboratory Fish MBI Biological Laboratory, Salisbury Cove, Maine August 16-21, 2016**

[Health and Colony Management of Laboratory Fish](#) is a short course for veterinarians, principal investigators, technicians, trainees or core managers who utilize or plan to utilize fish models in laboratory research. The 2016 short course will be held in August at the MDI Biological Laboratory in Salisbury Cove, Maine. For more information, click the link above and open the PDF entitled, "Health Colony Mgt 2016".

## **JOBS/GRADUATE ASSISTANTSHIPS**

### **Permanent Fish Health Specialists Positions**

**State of Washington, Department of Fish and Wildlife**

**3 Locations within Washington**

These are permanent full-time Fish & Wildlife Health Specialist positions in the Fish Program, Science Division. The duty station for these positions are: (1) Wenatchee District Office, Wenatchee, WA, or vicinity; (2) Region 5 Office, Vancouver, WA, or vicinity; or Headquarters, Olympia, WA or vicinity; or (3) Region 1 Office, Spokane Valley, WA.

Routinely monitor and evaluate health of finfish, primarily at WDFW hatcheries but also at cooperative facilities, and in wild fish populations. Recommend best possible treatments currently available to: control disease; institute disease prevention programs; recommend modifications in rearing parameters and fish cultural practices to prevent disease; and perform applied research for improving the health of finfish at WDFW hatcheries. Ensure compliance with FDA and DOE requirements for use of therapeutants. Conduct surveillance for regulated pathogens to meet the requirements of the Salmonid Disease Control Policy of the Co-Managers of Washington State (Policy). Provide directions to Fish Program staff and aquaculturists regarding compliance with this Policy. Provide reports on status of the health of the fish to WDFW staff and staff at agencies, tribes, states and the general public. Works independently consulting with hatchery staff and other fish health professionals.

Please see following link for full details:

<https://www.governmentjobs.com/careers/washington/jobs/1402822/permanent-fish-health-specialist03809-16>

### **Postdoctoral position at UC Davis Aquatic Animal Health Laboratory**

**University of California, Davis**

**Davis, CA**

We seek a postdoctoral scholar to carry out research on feed additives, microbiology and immunology interaction in cultured fish species. The postdoctoral scholar will investigate the efficacy of different feed additives in growth performance; feed conversion, immune response in Nile tilapia. The individual who holds the appointment is expected to participate in various research projects involving fish diseases and fish pathogens under the direction and guidance of Dr. Esteban Soto in the School of Veterinary Medicine.

For full information on this, please open the PDF entitled, "Post-doc position Description".

**Postdoctoral Researcher; Fish Health**  
**The Center for Aquaculture Technologies Canada**  
**Prince Edward Island, Canada**

The Center for Aquaculture Technologies Canada is seeking an experienced and motivated scientist for a research position in conducting fish health research. We are expanding our research team in Prince Edward Island, Canada with a focus on providing R&D support and professional services to the aquaculture industry.

For full information on this, please open the PDF entitled, "CATC ad -Post Doctoral Scientist-Fish Health".

**Veterinary Specialist (General)**  
**California Department of Fish and Wildlife**  
**Sacramento County, CA**

Under the supervision of the Research Scientist Supervisor I – Statewide Fish Health Coordinator, the Veterinarian Specialist (General) position serves as veterinary expert for fish and aquatic animal programs related to fish hatcheries, provides veterinary medical support including diagnostic services and prescriptive treatment recommendations for disease control at 22 CDFW fish hatcheries, keeping client-patient veterinary records, providing veterinary feed directives, and designing fish disease control programs as needed.

Please see following link for full details:

<https://jobs.ca.gov/Public/JobPosting.aspx?q=T49vAmcfEsPCAZ6OoXu1KkV34ypg0fJ9wpS7iupEUn41xNlo6vtzDdqWxskrYYYGpfs22zsg7hmbWm4g4L%2bVpfHY%2bv938clWhTKkgVeRLdzb09j0MjnKgYPIG6UZd%2bC0%2fbhODmXE4u8Kin7FxFKZDI9bbDKyP%2bJQKStlpNP1UXzo%3d>

**Research Immunologist/Molecular Biologist Postdoctoral Research Opportunity**  
**USDA-ARS, National Center for Cool and Cold Water Aquaculture (NCCCWA)**  
**Leetown, WV**

**Description**

A postdoctoral position (Molecular Biologist/Research Immunologist) is available at the National Center for Cool and Cold Water Aquaculture (NCCCWA) in Leetown, WV located about 70 miles from Washington D.C. The selected applicant will investigate mechanisms of disease resistance in selectively-bred rainbow trout lines. Available tools include extensive RNA-seq, proteomic, 50K SNP datasets as well as an improved reference rainbow trout genome assembly and pathogen genome sequences. Options for follow-up studies include functional analysis of candidate genes/pathways as well as studying on-farm performance. The selected applicant will be a team member on the project "Integrated Research to Improve On-Farm Animal Health in Salmonid

Aquaculture”. The successful candidate will select and develop appropriate strategies, methodologies and experimental procedures.

The appointment is full-time for one year and may be renewed upon performance. The annual stipend rate for this position is \$64,650. This position requires a pre-employment check and a full background investigation. This opportunity is available to U.S. citizens. This is an equal opportunity program open to all qualified individuals without regard to race, color, age, sex, religion, national origin, mental or physical disability, genetic information, sexual orientation, or covered veteran’s status. For more information about the position please contact Dr. Greg Wiens at [greg.wiens@ars.usda.gov](mailto:greg.wiens@ars.usda.gov) or visit website: <http://www.ars.usda.gov/pandp/people/people.htm?personid=34263>. To apply, please send your CV and contact information of three references.

### **Qualifications**

Eligible applicants must have received a Ph.D. with expertise in either Immunology, Microbiology, Genetics, Molecular Biology, Animal Sciences, or Life Sciences, within five years of the desired starting date. Relocation assistance and benefits are available.

Knowledge and experience in functional immunology, flow cytometry, analyzing large RNA-Seq/proteomic data-sets, pathway analyses and/or in quantitative and statistical genetics are desirable as well as professional knowledge of Fish Biology, Fish Genetics, Molecular Biology, Genomics, and/or Aquaculture Research. Strong computer and analytical skills are valuable. Applicants must meet all requirements for the position including completion of the Ph.D. prior to the start date.

### **Prince Edward Island Site Veterinarian/Local Animal Welfare Officer**

**ELANCO**

**PEI, Canada**

Elanco at Prince Edward Island is seeking applicants for a Site Veterinarian/Local Animal Welfare Officer. For more detailed information, please open the Word document entitled, “PEI Site Vet & AWO”.

## **RESOURCES**

### **New 2016 Quality Assurance Aquatic Bacteriology Module**

The Veterinary Laboratory Association Quality Assurance Program (VLAQAP) administered out of the Atlantic Veterinary College in Prince Edward Island Canada, provides proficiency testing to over 300 veterinary diagnostic labs worldwide. Currently this proficiency program includes a Fish and Shellfish Histopathology Testing Modules which can be provided quarterly to client labs which do fish histopathology. The VLAQAP program is expanding into Aquatic Proficiency Testing and will offer in early

2016 an Aquatic Bacteriology Module twice per year. This proficiency program will provide to client laboratories a lyophilized aquatic bacterial isolate which can be used as an external Quality Control measure for participating labs. In addition, clients will be able to anonymously check their performance against other participating labs. More information on this program can be obtained by either emailing to [gap-avc@groupwise.upei.ca](mailto:gap-avc@groupwise.upei.ca) or visiting the VLAQAP website <http://vlaqap.org/>

Please see the attached advertisement, PDF entitled, "VLAQAP New Fish Bacti".