



Fish Health Section



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

FHS NEWS

7th INTERNATIONAL SYMPOSIUM ON AQUATIC ANIMAL HEALTH

<http://isaah-7.science.oregonstate.edu/>

Portland, Oregon

Aug 31 – Sept 4, 2014

Abstracts and Early Registration must be submitted by May 31.



Registration is open:

<https://conferences.bus.oregonstate.edu/Conference/isaah/registration>

Abstract submission:

<https://conferences.bus.oregonstate.edu/Conference/isaah-abstracts/registration>

Please join us for the **7th International Symposium on Aquatic Animal Health** (ISAAH-7) in Portland, Oregon (August 31 – September 4, 2014). ISAAH has been held every four years since the first meeting in Vancouver in 1988. Since you attended the last ISAAH in Tampa in 2010 you already know that this is a great opportunity to interact with fellow aquatic animal health professionals from throughout the world. The best of Portland and our global ISAAH community await you! The preliminary program has been posted and the social events will be appearing soon. We are looking forward to a great meeting.

Please visit the ISAAH-7 website for more information, it is being updated periodically with new information and things to do in Portland:

<http://isaah-7.science.oregonstate.edu/>

JOURNAL OF AQUATIC ANIMAL HEALTH

Volume: 26, Number: 1

Lactococcosis in Silver Carp (p. 1-8)

Lester H. Khoo, Frank W. Austin, Sylvie M. A. Quiniou, Patricia S. Gaunt, Dennis K. Riecke, Alicia M. Jacobs, Keith O. Meals, Arthur W. Dunn, Matt J. Griffin

Genetic Variation in Bacterial Kidney Disease (BKD) Susceptibility in Lake Michigan Chinook Salmon and Its Progenitor Population from the Puget Sound (p. 9-18)

Maureen K. Purcell, Jeffrey J. Hard, Kathleen G. Neely, Linda K. Park, James R. Winton, Diane G. Elliott

Susceptibility to *Myxobolus cerebralis* among *Tubifex tubifex* Populations from Ten Major Drainage Basins in Colorado Where Cutthroat Trout Are Endemic (p. 19-32)

R. Barry Nehring, P. M. Lukacs, D. V. Baxa, M. E. T. Stinson, L. Chiaramonte, S. K. Wise, B. Poole, A. Horton

Infectious Salmon Anemia (ISA) Virus: Infectivity in Seawater under Different Physical Conditions (p. 33-42)

Siri Vike, Karin Oelckers, Henrik Duesund, Svein Rune Erga, Javier Gonzalez, Børge Hamre, Øyvind Frette, Are Nylund

Molecular Characterization of the VP2 Gene of Infectious Pancreatic Necrosis Virus (IPNV) Isolates from Mexico (p. 43-51)

Celene Salgado-Miranda, Edith Rojas-Anaya, Gary García-Espinosa, Elizabeth Loza-Rubio

Guide for Authors (p. 52-57)

STUDENT MEMBERS

ISA AH-7 - <http://isaah-7.science.oregonstate.edu/students>

Check out the website for new information on student opportunities at the international meeting

Snieszko Student Travel Award (also on FHS website)

This award, a sum of up to \$1000, is given to one or more students yearly to defray travel to the Annual FHS meeting to present a talk in the aquatic animal health field. Closing date for the receipt of applications is May 31, 2014. The requirements for 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, registration
- Copy of abstract of paper to be presented
- The student must be a member of the AFS/Fish Health Section

The application will be judged by the following criteria:

- Quality of abstract
- Significance of/interest in the research
- Academic achievement
- Professional achievement
- Financial need

Students interested in applying for the **Snieszko Student Travel Awards** should contact [Scott Weber](#) and prepare an application packet containing the above items and send to the Awards Committee following the request for applications.

JOBS

Laboratory Technician ID Dept of Fish and Game

Responsibilities: Process and organize large volumes of fish samples for pathogen testing; maintain and sterilize laboratory equipment; decontaminate, wash and store glassware and other items used in a lab; operate standard laboratory equipment including centrifuge, autoclave, dishwasher, scales and pipettes, prepare reagents, solutions and media. Process fish samples and assist with extracting DNA for molecular testing; perform standardized/routine lab procedures under supervision.

Qualifications: Basic laboratory skills and math skills; following oral and written instructions. Good organizational skills. Applicant must be able to accurately label and arrange large volumes of samples. Candidates with course work and/or previous experience will be given preference.

Incomplete job applications will not be considered;

- Applicant must be able to read, write and compute simple math.
- Applicant must have a valid driver's license.
- Must be at least 18 years of age.

Salary: \$12.31/hr.

Ad Closing Date: May 10, 2014

Contact/Email: Phil Mamer-phil.mamer@idfg.idaho.gov

Weblink:

<http://fishandgame.idaho.gov/public/about/employment/tempEmploymentApp.pdf>

MEETINGS

20TH ANNUAL USFWS AQUACULTURE DRUG APPROVAL COORDINATION WORKSHOP

Please join us in Bozeman, MT for the 20th Annual USFWS Aquaculture Drug Approval Coordination Workshop. Co-hosted by USFWS-AADAP Program and AFS-Fish Culture Section.

[REGISTER HERE @ SignUpKit.com](http://SignUpKit.com)

Molly P. Bowman

U.S. Fish & Wildlife Service

Aquatic Animal Drug Approval Partnership (AADAP) Program

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Bozeman, MT 59715

phone: 406-994-9916

fax: 406-582-0242

www.fws.gov/fisheries/aadap

RESOURCES

IMMUNOLOGICAL NEEDS SURVEY – See attached CIRNAS-Survey.pdf

"A research consortium (US-UK CIRNAS) that would like to address the immunological needs for advancing fish health in the US, is requesting comments as to specific research needs of the fish health community. The group is in the process of submitting a proposal to the recent NIFA Animal Health RFA and if funded, products from the project would be made directly available to the research community. These reagents and tools would accelerate research studies that would benefit both aquaculture and fisheries-based research. Responses to the survey are requested by April 25, 2014."

FISH FARMING – see attached FFN_#2_2014_Smolowitz.pdf

NEWSAQUATIC VETERINARY EDUCATIONAL OPPORTUNITY LISTING – see attached AVMA Externship-Internship Opportunity Listing.doc

To have your program listed and distributed to veterinary students and veterinary graduates seeking to advance their education or experience in aquatic veterinary medicine, please complete the following information and return this form to dscarfe@avma.org or administrators@wavma.org.

APHIS TO LIFT VIRAL HEMORRHAGIC SEPTICEMIA FEDERAL ORDER

WASHINGTON, April 14, 2014—The U.S. Department of Agriculture's Animal and Plant Health Inspection Service (APHIS) is lifting the Viral Hemorrhagic Septicemia (VHS) Federal Order that was first issued in 2006 in response to an outbreak of the fish disease in the Great Lakes region.

After studying the disease, conducting surveillance and evaluating the latest science, APHIS has determined it can safely remove the Federal Order as long as states maintain existing VHS regulations and other practices to reduce risk.

By removing the Federal Order, which has become duplicative with state regulations, we can still protect the health of farmed and wild fish while also supporting the interstate movement needs of the aquaculture industry. Beginning June 2, APHIS will no longer prohibit or restrict the interstate movement of VHS-susceptible species of live fish from VHS-affected or at-risk states, including: Illinois, Indiana, Michigan, Minnesota, New York, Ohio, Pennsylvania and Wisconsin. In addition, APHIS will no longer restrict the importation of the same species of live fish from Ontario and Quebec, Canada into the United States. However, this action does not affect the U.S. Fish and Wildlife Service's

salmonid importation requirements as found in title 50 of the Code of Federal Regulations.

Although APHIS will no longer regulate VHS, the Agency's Veterinary Services program will continue to work with states and industry to promote sound biosecurity practices and share scientific updates regarding the disease.

WFRC NEWSLETTER

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/>

In this issue . . .

FEATURE STORY - People Are In Some Ways More Fish-Like Than We Think

EVENTS - Sea Star Wasting Disease: The WFRC "Marrowstone Marine Field Station is currently hosting scientists from Cornell University who are studying sea star wasting disease, an emerging disease that has rapidly resulted in dramatic impacts to sea star populations on the east and west coasts of North America. - USGS meets to discuss chemical ecology of lampreys and eels - USGS presents at Future of Our Salmon Technical Workshop - USGS scientists present at WA-BC Chapter of the American Fisheries Society Annual Meeting

PUBLICATIONS - Publication evaluates fish susceptibility to infectious disease - USGS Open File Report evaluates effectiveness of fish collection prototype at Cowlitz Falls Dam