



Fish Health Section



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

FHS NEWS

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 1-7th, 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.

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

Assistant Professor (Fish Pathology) University of Arkansas at Pine Bluff Pine Bluff, AR

The incumbent will develop a productive research program including both biotechnological and applied aspects of fish health issues that will result in more effective diagnosis, treatment, and prevention of fish health problems. The successful candidate will oversee fish disease diagnostics at the Pine Bluff location, and will participate in fish inspections as needed for certifications. He/She will also be expected to contribute to extension educational programs focused on fish health and biosecurity. Teaching responsibilities will include a graduate course in Fish Health and an undergraduate Biology of Fishes course. The faculty member hired will be expected to mentor M.S. and Ph.D. graduate students.

For all details, please visit the link below:

<http://wfscjobs.tamu.edu/jobs/assistant-professor-fish-pathology-university-of-arkansas-at-pine-bluff/>

RESOURCES

Updated versions of the [Guide to Using Drugs, Biologics, and Other Chemicals in Aquaculture](#) and companion treatment calculator now available!

All aquaculture operations have occasional demand for drugs, biologics, and other chemicals. It is critical that fisheries professionals apply these products in a manner that is consistent with their intended use, best management practices, and relevant rules and regulations. The [Guide](#) was developed by the AFS Fish Culture Section Working Group on Aquaculture Drugs, Chemicals, and Biologics as a comprehensive introduction to the use of regulated products in aquaculture and a resource for fish culturists, fish health specialists, veterinarians, and others.

Since their introduction in 2011, the Guide and Treatment Calculator have been used by commercial farms, state and federal hatcheries, academic research programs, and many, many happy users. **Don't be the only fisheries professional in your neighborhood without a copy—click [here](#) to download the Guide and Treatment Calculator for free!**

Western Fisheries Science News: Issue 4.5 – May 2016

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/>

Journal of Aquatic Animal Health

New Issue Contents Volume 28, Issue 2, 2016

Production of *Ceratonova shasta* Myxospores from Salmon Carcasses: Carcass Removal Is Not a Viable Management Option (p. 75-84)

J. S. Foott, R. Stone, R. Fogerty, K. True, A. Bolick, J. L. Bartholomew, S. L. Hallett, G. R. Buckles, J. D. Alexander

Coliform Bacteria Monitoring in Fish Systems: Current Practices in Public Aquaria (p. 85-90).

Erin E. Culpepper, Leigh A. Clayton, Catherine A. Hadfield, Jill E. Arnold, Holly M. Bourbon

Quorum Signal Inhibitors and Their Potential Use against Fish Diseases (p. 91-96)

Weihua Chu, Robert J. C. McLean

***Francisella* Infection in Cultured Tilapia in Thailand and the Inflammatory Cytokine Response (p. 97-106)**

Sasibha Jantrakajorn, Janenuj Wongtavatchai

Infected Donor Biomass and Active Feeding Increase Waterborne Transmission of *Ichthyophonus* sp. to Rainbow Trout Sentinels (p. 107-113)

S. E. LaPatra, R. M. Kocan

Use of Polymerase Chain Reaction for Bivalve Pathogen Surveillance in the Yellow Clam *Mesodesma mactroides* (p. 114-117)

Yuri Bovi Morais Carvalho, Juan Jethro da Silva Santos, Fernando C. Raibenberg, Luis Henrique Poersch, Luis Alberto Romano

Rhabdomyosarcoma in a Silver Carp (p. 118-121)

Annahita Rezaie, Seyed Mohammad Mousavi, Mahshid Bagherzadeh Ansari

Susceptibility of Australian Redfin Perch *Perca fluviatilis* Experimentally Challenged with Epizootic Hematopoietic Necrosis Virus (EHNV) (p. 122-130)

Joy A. Becker, Alison Tweedie, Dean Gilligan, Martin Asmus, Richard J. Whittington

Isolation of the Fathead Minnow Nidovirus from Muskellunge Experiencing Lingering Mortality (p. 131-141)

Mohamed Faisal, Ashley Baird, Andrew D. Winters, Elena V. Millard, Sue Marcquenski, Hui-Min Hsu, Ann Hennings, Phil Bochsler, Isaac Standish, Thomas P. Loch, Michelle R. Gunn, Janet Warg