



Fish Health Section



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

FHS NEWS

ELECTIONS

The FHS elections have begun! Current members should be receiving a survey monkey ballot link in their e-mails soon. If you do not receive a ballot and would like to vote please e-mail Attila Karsi @ cvm.msstate.edu. Please keep an eye out for them. The biosketches for each candidate will be up on the website soon as well, so take a look at each candidate and elect the best man or woman for the committees. Good luck to the candidates!

JOURNAL OF AQUATIC ANIMAL HEALTH

Volume: 25, Number: 1

Control of *Flavobacterium psychrophilum*: Tests of Erythromycin, Streptomycin, Osmotic and Thermal Shocks, and Rapid pH Change (p. 1-8)
Randall W. Oplinger, Eric J. Wagner

Isolation of *Yersinia ruckeri* Strain H01 from Farm-Raised Amur Sturgeon *Acipenser schrencki* in China (p. 9-14)
Li Shaowu, Wang Di, Liu Hongbai, Lu Tongyan

Mortality of American Bullfrog Tadpoles *Lithobates catesbeianus* Infected by *Gyrodactylus jennyae* and Experimentally Exposed to *Batrachochytrium dendrobatidis* (p. 15-26)
Linda J. Paetow, J. Daniel McLaughlin, Bruce D. Pauli, David J. Marcogliese

Viral Surveillance of Cultured Rainbow Trout in the Eastern Black Sea, Turkey (p. 27-35)
H. Ogut, C. Altuntas, R. Parlak

Experimental Infection of Koi Carp with Viral Hemorrhagic Septicemia Virus Type IVb (p. 36-41)
Emily R. Cornwell, Sandra L. LaBuda, Geoffrey H. Grocock, Rodman G. Getchell, Paul R. Bowser

Mixed Metazoan and Bacterial Infection of the Gas Bladder of the Lined Seahorse—A Case Report (p. 42-52)
Paul A. Anderson, Barbara D. Petty

Effects of Aquarium-Related Stressors on the Zebrafish: A Comparison of Behavioral, Physiological, and Biochemical Indicators (p. 53-65)
David Gronquist, John A. Berges

Experimental Infection of Australian Freshwater Fish with Epizootic Haematopoietic Necrosis Virus (EHNV) (p. 66-76)

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

2014 INTERNATIONAL SYMPOSIUM ON AQUATIC ANIMAL HEALTH

Portland, Oregon

Aug 31 – Sept 4, 2014

The Program Committee for the 2014 International Symposium on Aquatic Animal Health in Portland would like to make a final call for volunteers who are willing to organize and lead special sessions.

Currently approved special sessions include:

- Aquatic Diagnostic Laboratory Quality Assurance
- Selective Breeding for Disease Resistance: Laboratory and Field Studies
- Zebrafish
- Aquatic Veterinary Medicine Workshop
- Sea Lice
- Myxozoan Workshop
- Environmental Contaminants and Fish Health
- Ornamental / Aquarium Fish



If you have an idea for an additional special session that you are willing to organize and lead, please contact Paul Hershberger (phershberger@usgs.gov)

MEETING UPDATE: 54TH JOINT WESTERN FISH DISEASE WORKSHOP & AFS FISH HEALTH SECTION MEETING

ABSTRACTS DUE MAY 15

Port Townsend, Washington

June 18-20, 2013

Plans are coming together for the Port Townsend meeting. As a reminder, the date for meeting registration and abstract submission is May 15. Additionally, the dates for room blocks (special rates) have been extended at some of the lodging choices:

Manresa Castle - May 15

Waterstreet Hotel - May 15

Bishop Hotel - May 15

Aladdin Motor Inn - April 30

Attention Students: Monetary awards will be given for the best oral presentations by both a Ph.D. and M.S. student. Additionally, if you require assistance with low income lodging options, please contact Paul Hershberger (phershberger@usgs.gov).

Please visit the FHS web page (<http://www.afs-fhs.org/>) for detailed meeting information including registration information, abstract submission, and lodging choices.

We're looking forward to seeing you in Port Townsend!



STUDENT UPDATE

Two new profiles have been posted on the student web site. Stephen Reichley, a DVM candidate at the Ohio State University with an interest in the field of aquatic animal health, is our featured student for this month. For our first mentor profile, we're featuring Andy Goodwin, the Fish Health Program Manager for the Fish and Wildlife Service in Region 1. To learn more about Stephen and Andy, please go to <http://afs-fhs-students.blogspot.com>

We'd also like to remind advisors to encourage their students to sign up and get involved in the Fish Health Section. If you have any news/information you'd like posted on the student website or would like to volunteer for the next profile, please contact Amy Long and Sarah McConnachie at student.section.fhs@gmail.com.

CALL FOR IMPORTANT DOCUMENTS AND OTHER MATERIAL FOR FHS ARCHIVES

The FHS Archives Committee, with approval from the FHS Excom, has developed a plan for permanent preservation and storage of the FHS archives and other fish-health-related material of historical importance. The Section has decided to donate its historical material to the D.C. Booth Historic National Fish Hatchery and Archives in Spearfish, SD, where archive material from AFS headquarters, the Fish Culture Section, and some AFS Chapters is also stored. The D.C. Booth archive personnel will catalog the material into their ICMS database, used by the Department of Interior for museum collections. They will also re-house the material for long term preservation as needed (usually changing from acidic to acid free storage materials), and expect to put collection records and scans of selected photographs online at some point in the future. Section members or others requesting access to archived material from D.C. Booth will be sent copies rather than original material, which will safeguard against loss of irreplaceable items. The FHS Excom has voted to provide funds to reimburse D.C. Booth for archiving costs.

It is important that the Section move ahead with this archive project before historic documents, photographs, and film get misplaced, lost, or even thrown out by someone who does not realize their value. We are asking Section members who possess historical material to help with this project by shipping the material to the D.C. Booth archive for preservation, following approval for shipment by the FHS Archives Committee or Excom. The Section needs to keep a record of the material shipped to ensure that important records are sent and to avoid unnecessary duplication.

The procedure for donating material to the FHS archives is as follows:

- 1) Notify the FHS Archives Committee of your intent to ship material to D.C. Booth, and include a list of the material you intend to donate. Please send your request to:
Diane Elliott dgelliott@usgs.gov
- 2) After approval of the shipment, you will be sent instructions for packing and shipping the material to D.C. Booth to ensure that it arrives undamaged.
- 3) You will be asked to notify D.C. Booth personnel before shipment of items so that they can anticipate receipt of the material.
- 4) Ship archive material to D.C. Booth (Fedex shipment preferred).
- 5) Submit shipping receipt to FHS Secretary-Treasurer to receive reimbursement for shipping charges.

We thank you for helping to preserve the history of the Fish Health Section and of fish health research, management and education in North America.

FHS Archives Committee (Diane Elliott, Gary Wedemeyer, and Drew Mitchell)

OTHER MEETINGS AND WORKSHOPS

2013 SALMON DISEASE WORKSHOP

July, 15-26 2013

Corvallis, Oregon

Registration now open!. <https://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://microbiology.science.oregonstate.edu/barthol_lab_sdw

For more information, if you wish to receive graduate credit and to register, please contact Dr. Jerri Bartholomew at 541-737-1856 or e-mail at:

bartholj@science.oregonstate.edu

HEALTH AND COLONY MANAGEMENT OF LABORATORY FISH

Mount Desert Island Biological Laboratory

Bar Harbor, Maine

19 – 23 August 2013

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 15, 2013.

For more information on the course, please see the course web site at:

http://www.mdibl.org/courses/Health_and_Colony_Management_of_Laboratory_Fish/182/

RESOURCES AND NEWS

SURVEY – REQUEST FOR INPUT - <http://www.surveymonkey.com/s/8WK5MFB>

We're researchers from George Washington University working on infectious diseases and pathogen detection. We are conducting an NSF-funded project trying to determine what are the current pathogen detection techniques used in aquaculture and whether they satisfy current needs. We have developed a tool based on genomics and informatics where we can simultaneously detect pathogens for fast, cheap, and reliable pathogen identification, and we'd like to gather your opinions

Eduardo Castro-Nallar

PhD student

Computational Biology Institute

George Washington University"

WESTERN FISHERIES RESEARCH CENTER NEWSLETTER – see attached WFRC April Newsletter.pdf

Dear WFRC Colleagues, Partners and Friends;

Please enjoy this month's 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.

Subscription preferences can be managed by e-mailing lhayward@usgs.gov.

Read online: <http://wfrc.usgs.gov/newsletter/>

In this issue . . .

FEATURE STORY

- USGS Helps Spring Migrating Salmon

NEW PUBLICATIONS

- Surveys for forage fish give insights into Puget Sound food webs
- Potential climate change effect on the Olympic Coast National Marine Sanctuary
- Distribution and current status of Pacific lamprey

EVENTS

- WFRC's John Hansen attended the annual Fish Health Immune Reagent Meeting to help develop and distribute immune tools for agriculturally important species
- Students at Seattle's Orca K-8 middle school enjoyed a presentation on Olympic National Park and the Elwha River delivered by WFRC's Lisa Wetzel
- Jeff Duda of WFRC talked about dam removal and river restoration to students of the Huxley College of the Environment at Western Washington University.
- WFRC's Paul Hershberger, Diane Elliott and Maureen Purcell were awarded a two year grant to study a parasite that may drive declines in Chinook salmon.

IN THE NEWS

- Mike Parsley was quoted in the *Columbia Basin Bulletin* on the topic of Stellar sea lion predation on white sturgeon

AADAP NEWSLETTER – see attached [AADAP News_April 2013.pdf](#)

The April 2013 issue of the AADAP Newsletter is now available. Note: At present, we are not able to post documents to the AADAP website; consequently, I have attached the Newsletter to this email. My apologies for any inconvenience.

As always, my sincere thanks to everyone who contributed news, updates, or articles. Please contact me if you are interested in contributing information to future AADAP Newsletters.

Sincerely,

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