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

Attention FHS members: We urgently need one more nominee for the Vice President position. If you or anyone you know would be suitable for this position, please e-mail hwalsh@usgs.gov or call (304) 724-4445. Let's make this an exciting election year!

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)

PORT TOWNSEND MEETING UPDATE – see attached Port Townsend Meeting update.doc for full agenda
54th Joint Western Fish Disease Workshop & AFS Fish Health Section Meeting
Port Townsend, Washington
June 18-20, 2013

Registration for the Port Townsend Meeting has been extended through May 31, 2013. Please register for the scientific meeting, continuing education workshop, and extra banquet tickets at https://www.123signup.com/register?id=bchkv.

We are pleased to announce the preliminary agenda for the continuing education workshop on Tuesday June 18: **Freshwater and Marine Biotoxins**

8:30 –10:00	Wayne Carmichael: 'An Overview of Cyanobacteria Harmful Algae Blooms (CyanoHABs) and recent outbreaks in aquatic organisms'
10:00 –10:15	Break
10:15 –11:45	Paul Zimba 'Marine and freshwater algal toxins in Texas and the south-central USA'
11:45 –12:45	Lunch (provided)
12:45 – 1:45	Jerry Borchert 'Algal biotoxins in Washington State shellfish'
1:45 – 2:30	Rod Getchell 'Botulism in fish: an overview'
2:30 – 2:45	Break
2:45 – 3:30	Jack Rensel 'Harmful marine algal blooms, effects and mitigation for wild and farmed fish'
3:30 – 4:00	Mike Kent 'Toxicopathic liver diseases, microcystin, and netpen liver disease'

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

SEA LICE 2014 – See attached Sea Lice 2014 Save the date.pdf
Portland Main
Aug 31-Sept 5

THE 2013 AQUATIC ANIMAL MODELS FOR HUMAN DISEASE AND MIDWEST ZEBRAFISH CONFERENCE
30 June – 3 July 2013
Hilton Milwaukee Downtown, 509 W. Wisconsin Ave.
Hosted by the University of Wisconsin-Milwaukee

The 2013 Aquatic Animal Models for Human Disease and
Midwest Zebrafish Conference is rapidly approaching. We have an outstanding program in place that should be informative and thought-provoking, while
providing opportunities to connect with old colleagues and meet new collaborators. Registration is still open. Further information is available at
http://home.freshwater.uwm.edu/aamhd2013/

We had some server issues yesterday so we are extending the deadline for submitting abstracts. Abstracts are now due by midnight on Friday, May 17, 2013. Abstracts may be submitted until June 1, 2013, but acceptance cannot be guaranteed due to space limitations. However, we will do our best to accommodate everyone interested in presenting.

Conference hotel space is still available for the discounted price but is filling up quickly, so please make your hotel reservations soon. We have an agreement with another hotel (about 2 blocks away) to provide rooms at the same low price so there will be plenty of rooms, despite the Summerfest celebrations (http://summerfest.com/).

I look forward to seeing you all in Milwaukee!!

Contact:
Dr. Michael Carvan
School of Freshwater Sciences
carvanmj@uwm.edu

2013 SALMON DISEASE WORKSHOP

July,15-26 2013
Corvallis, Oregon
https://conferences.bus.oregonstate.edu/Conference/salmon-disease/registration
APPLICATION DEADLINE JUNE 10, 2013

This 2 –week 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 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/

JOBS

LECTURER /SENIOR LECTURER IN VETERINARY VIROLOGY (AQUATIC, FARM ANIMAL AND ECOSYSTEM HEALTH) – see attached 990-0513 Advert External FINAL V 2013.docx
University of Sydney, Australia

We are advertising for a new position in aquatic animal health – focused on veterinary virology. The position is research focused for the first 3 years (and potentially longer depending on funding). The position is closing on 6 June 2013.

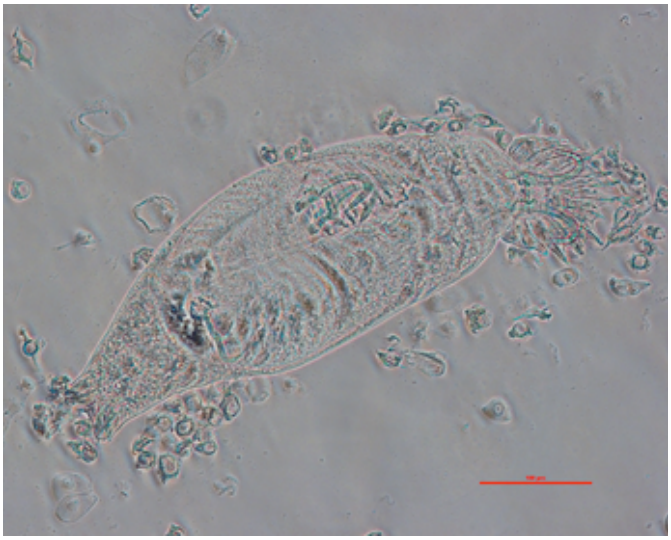
ASSISTANT PROFESSOR, DREISSENID MUSSEL BIOLOGY – see attached University of Minnesota Job.pdf
University of Minnesota

BIOLOGIST, FISHERY REGIONAL AND BIOLOGIST, FISHERY REGIONAL-HABITAT
Idaho Department of Fish and Game

The current opening is located in Coeur d'Alene, Idaho and the announcement may be used to fill future statewide openings. The announcement may be accessed through the following link: https://labor.idaho.gov/DHR/ATS/StateJobs/jobannouncement.aspx?announcement_no=00803084174 . Announcement Closing Date: Friday, June 7, 2013.

Applicants must apply online through the link listed above.

RESOURCES AND NEWS



GYRODACTYLUS SPECIATION – SEND US YOUR PARASITES!

The U.S. Fish and Wildlife Service's La Crosse Fish Health Center (LFHC) is once again looking for a few good parasites. The LFHC is looking for samples of cool or warm water fish that are infested with *Gyrodactylus*. The LFHC will identify those parasites to species and, in collaboration with Upper Midwest Environmental Sciences Center (USGS), provide information on the identified parasite species and fish host to the Food and Drug Administration to make future decisions regarding antiparasitic drugs. Samples can be submitted to Eric Leis at the La Crosse Fish Health Center (555 Lester Ave, Onalaska, WI 54650) either as whole fish on ice (ship overnight for morning delivery) or skin

scrapes/fin clips in preservative. Contact Eric Leis at eric_leis@fws.gov or (608) 783-8440 for more information. Please call or email before you send samples.

NEW PUBLICATION TELLS WESTERN FISHERIES RESEARCH CENTER'S HISTORY OF INNOVATION

SEATTLE — The U.S. Geological Survey's Western Fisheries Research Center (WFRC), headquartered in Seattle, has led cutting-edge research on fish and aquatic environments for nearly 80 years – first in the Pacific Northwest, then nationwide and throughout the world. WFRC's history of research and innovation is captured in a new publication, "Seventy-Five Years of Science: The Story of the Western Fisheries Research Center 1935-2010," by WFRC emeritus scientist Gary A. Wedemeyer.

The WFRC began in the Great Depression as an effort to understand and control the fish diseases that limited the success of hatcheries founded to mitigate the Grand Coulee Dam's destruction of salmon runs in the Columbia River basin. As environmental issues grew more complex and the effects of terrestrial ecology on marine ecology became better understood, the WFRC expanded with a multidisciplinary approach that now draws on the expertise of ecologists, microbiologists, and geneticists as well as fisheries biologists and other scientists. Its six laboratories – in Seattle; on Marrowstone Island and in the Columbia River Gorge, Wash., in Klamath Falls and Newport, Ore., and in Reno, Nev. – provide the technical information that natural resource managers need to ensure the continued survival of fish and fish populations in the western United States. Because food webs, aquatic communities, and ecosystems know no borders, WFRC research is relevant worldwide.

"The WFRC has a proud tradition of solving problems that negatively impact aquatic ecosystems," said WFRC Center Director Jill Rolland. "Working here is both an honor and a responsibility that our employees take seriously."

But it all started in 1935, when the appropriately named biologist Frederic F. Fish was tapped by the U.S. Bureau of Fisheries to found a dedicated lab in the basement of their Seattle laboratory – a "hospital for fish," as an article in a 1939 issue of Newsweek dubbed the novel project. Important discoveries emerged from Fish's lab from the start.

"These discoveries became the basis for the hatchery operations needed to ensure the continued survival of economically important fish and fish populations both in the United States and abroad," Wedemeyer said.

WFRC research toward recovery plans for endangered species has led to the successful establishment of self-sustaining fish populations in U.S. desert aquatic ecosystems. Other projects have proven critical to the continued survival of Pacific salmon and sturgeon populations throughout the U.S. portion of the Columbia River basin in five Western states. The Center was part of the U.S. Fish and Wildlife Service until 1996, when it came under the aegis of the USGS.

WFRC's history of innovation continues. Since 2008, the Coast Salish Nation and Swinomish Indian Tribal Community have partnered with WFRC on the Coast Salish Tribal Water Quality Project, which blends science and Coast Salish cultural practices to study water quality and its effects on an ecosystem that supports orcas, salmon and other culturally important species. WFRC scientists are studying fish populations and ecosystems within the Elwha River Restoration Project, the largest dam removal project in U.S. history. Others are developing acoustic imaging techniques to safely monitor the endangered Delta smelt, whose status is an ecological bellwether for a region critical to California's economy. Still others are developing strategies to fight the ecological and economic damage wrought by invasive aquatic species introduced into U.S. waters in the ballast tanks of ocean-going ships. WFRC is an International Reference Laboratory for the World Organization of Animal Health in Paris, and its scientists assist more than 170 WOAH member countries to establish effective fish disease control programs.

The publication "Seventy-Five Years of Science: The Story of the Western Fisheries Research Center 1935-2010" is available online. Video of Wedemeyer talking about WFRC is available here.

IFrame URLs: http://gallery.usgs.gov/photo_shares/thumbs/tags/NR2013_05_16/1