Fish Health Section

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

FHS NEWS

STUDENT SECTION

The student committee has started a blog for student members of the Fish Health Section. The address is http://afs-fhs-students.blogspot.com/. It can also be reached by going to the FHS website and clicking on the 'For Students' tab. We'll be adding more information and relevant links in the upcoming weeks as well as reviving the featured student and professional profiles. If you have something to post, suggestions on content, or would like to volunteer to be the first featured profile, please contact Amy Long or Sarah McConnachie at student.section.fhs@gmail.com. We'd also like to remind advisors to encourage their students to sign up and get involved in the Fish Health Section. Amy Long Ph.D. Candidate, Fish Health Department of Fish and Wildlife Sciences University of Idaho Moscow, Idaho 83844-1136 Fax: 208-885-9080

OTHER MEETINGS

FISH IMMUNOLOGY CONFERENCE IN VIGO, 2013 – see attached Flier ISFSI 2013.ppt

Dear Colleague,
I'm pleased to inform you that the first Conference of the International Society of Fish and Shellfish Immunology will be held in Vigo (Spain) in late June 2013. Main aims of the Society are to gather scientists working on fish and shellfish immunology to exchange ideas, people, experience and to setup a worldwide network based on peer-reviewed scientific knowledge. ISFSI members will have more facilities and free access to Fish and Shellfish Immunology journal, and PhD students are particularly invited to participate to the conference.
Please find attached a flier of the event, display it in your Institution, and send it to anyone you believe can be interested.
Join the society today by following instructions at the website page:
www.isfsim.org

Giuseppe Scapigliati, PhD
ISFSI President
University of Tuscia (I)

JOBS

ASSISTANT PROFESSOR, FISHERIES BIOLOGY HUMBOLDT STATE UNIVERSITY – see attached 7542_1314_FISH_Aquaculture_Vacancy.pdf

POSITION: MICROBIOLOGIST II

Salary: $39,448 - $47,981 (DOQ)

Location: Northwest Indian Fisheries Commission (NWIFC)
Olympia, Washington

Closing Date: October 23, 2012

Position Description: The NWIFC is looking for a highly motivated, multi-tasking, individual to work in their fish health laboratory and perform the following tasks:

- Culture viruses and perform serological and molecular based assays to detect and identify specific viral pathogens in samples submitted to the Tribal Fish Health Lab.
- Culture bacteria on artificial media and perform microscopic, immunological, and molecular based assays to detect and identify specific bacterial and parasitic fish pathogens in samples submitted to the Tribal Fish Health Lab.
- Maintain a fully functional fish health lab that includes ensuring lab cleanliness and sterility, preparing media, reagents and stains required for pathogen detection, ordering lab and field supplies, conducting quality assurance testing on media, maintaining lab equipment, and implementing lab safety protocols.
- Produce autogenous bacterial vaccines to meet tribal hatcheries needs.
- Maintain a relational database for all fish health records.
- Assist in the field collection of samples when needed.

Qualifications: Minimum education and experience requirements:

- Bachelor of Science degree in microbiology, molecular biology, or related fields and two years pertinent work experience. Pertinent work experience includes working in a medical or biological laboratory and being responsible for practicing aseptic techniques, culturing and identifying bacteria and viruses using immunologic, serologic, and molecular based assays, and preparing media; or
- An equivalence combination of education, training and experience that demonstrates the ability to perform the essential functions of the position.

Skills:

- Strong knowledge of bacterial and viral culture techniques and immunologic, serologic, and molecular based (PCR) assays used to identify viruses, bacteria, and parasites.
- Excellent verbal and written communication skills.
- Ability to multi-task in a laboratory setting.
- Ability to work with persons of varied educational and ethnic backgrounds.
- Familiarity with PC software for word processing, spreadsheets, and relational databases.
- Valid Washington State Driver's License.

Application: Send resume and cover letter stating interest by October 23, 2012 to: Michael Grayum, Executive Director, Northwest Indian Fisheries Commission, 6730 Martin Way East, Olympia, WA 98516-5540; wbowman@nwifc.org

The Northwest Indian Fisheries Commission operates under Public Law 93-638 contract; Indian Preference is an employment policy. Must be eligible to work in the U.S.

RESOURCES

LAMPREY DISEASE – HELP WANTED

Attached is a flyer from New Zealand with information on a disease outbreak in protected lamprey and a request for any information that might help them diagnose the problem. They are trying to figure out what is going on, investigating both infectious agents and potential pollution problems. Apparently this problem has been going on a couple years and they have had no luck finding an agent so far. I agreed to pass this on to some of the folks in the northwest to see if anyone has ideas they might want to test/investigate. Or perhaps you know of someone who might have ideas. If you have any suggestions, please contact:

Jaap Knegtmans: Jaap.Knegtmans@mpi.govt.nz

Additional information:

- The affected lamprey are anadromous. We do not know if they are affected prior to entering the rivers.
- We have only observed the haemorrhaging in adult lamprey to date.
- We appear to be finding an increased percentage of affected lamprey throughout the lamprey run season.
- We are finding affected lamprey up the length of the river.
- We have not encountered young lamprey at this time of the year.
- This year we have not confirmed this condition to be present in other fish species.
- Bacterial agents have not been detected (my addition based on the email, I don't know if this is by culture or other methods)

AQUATIC ANIMAL DISEASES SIGNIFICANT TO AUSTRALIA: IDENTIFICATION FIELD GUIDE 4TH EDITION.

The Aquatic Animal Health Program of the Australian Government Department of Agriculture, Fisheries and Forestry (DAFF) is pleased to release *Aquatic Animal Diseases Significant to Australia: Identification Field Guide 4th Edition.* The field guide is now available for viewing on the DAFF website (http://www.daff.gov.au/animal-plant-health/pests-diseases-weeds/aquatic-animal-diseases-significant-to-australia-identification-field-guide-4th-edition).

In the coming weeks it will also be made available on USB memory stick for offline viewing. We will not be providing a hard copy printed version of the field guide, however a printable report format (291 pages) will be available on the USB.

The field guide provides information to raise awareness and assist diagnosis of aquatic animal diseases of significance to Australia. It has been revised to include new scientific information and to maintain consistency with Australia's National List of Reportable Diseases of Aquatic Animals. Forty-eight diseases of finfish, crustaceans, molluscs and amphibians are covered. Six additional diseases have been incorporated into the revised field guide and four diseases from the third edition have been removed. Changes are listed below;

Included:

- Infectious spleen and kidney necrosis virus-like viruses (ISKNV-like viruses)
- Monodon slow growth syndrome
- Milky haemolymph disease of spiny lobster (*Panulirus spp.*)
- Ostreid herpesvirus-1 microvariant (OSHV-1 µvar)
- Infection with *Batrachochytrium dendrobatidis*
- Infection with ranavirus

Removed:

- Baculoviral midgut gland necrosis
- Tetrahedral baculovirus
- Spherical baculovirus
- Abalone viral mortality

Please contact us at AAH@daff.gov.au if you would like a USB copy of the field guide.

I'd like to take this opportunity to thank all who have assisted in this revision process, providing technical information and supporting images. Your feedback is always welcome and I encourage suggestions for improvements to ensure this resource remains accurate and up to date.

On behalf of the DAFF Aquatic Animal Health Program.

Kind regards,

Steve

Steve Wortley BVSc

Policy Officer, Aquatic Animal Health Program

Animal Health Policy| Ph +61 2 6272 4278 | Fax +61 2 6249 1798 |
steven.wortley@daff.gov.au

Department of Agriculture, Fisheries and Forestry | 7 London Circuit, Canberra ACT 2601 Australia | GPO Box 858, Canberra ACT 2601 Australia

http://www.daff.gov.au