



Fish Health Section



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

FHS NEWS

ELECTIONS

Dear AFS Fish Health Section Members-

The time has come for our 2011 section election. This year, we are attempting to conduct an online election through Survey Monkey to increase participation. Each member will receive an email with a link to the 2011 ballot and will have the ability to anonymously cast their votes. The emails should be sent out in the next week. When you receive the email, please take a few minutes to cast your votes!! Thank you for your participation!

Ben LaFrentz
Chair, Nominating and Balloting Committee
AFS-FHS
E: benjamin.lafrentz@ars.usda.gov

JOINT ANNUAL FHS MEETING AND 52ND WESTERN FISH DISEASE WORKSHOP

June 14-16, 2011
Nanaimo B.C.
<http://www.fisheriessociety.org/fhs/AFS2011.php>

ABSTRACTS DUE MAY 13!!!

Updated information on the meeting and a registration form are now posted on the website.

Schedule of Events:

An evening social will be held on Tuesday, June 14th. The Continuing Education session will take place on Tuesday, June 14th from 9:00am to 4:00pm. General session will be held from Wednesday, June 15th until June 16th. Depending on the number of submissions, the meeting may take all of June 16. A banquet will be held on the evening of June 15th. There will be an Executive Committee meeting during one lunch break to discuss FHS business and future meetings.

Registration Costs (either Cdn or US dollars):

Registration (FHS members)	\$200
(Non-FHS members)	\$225
Student FHS Members	\$175
Continuing Education Session	\$75 (includes lunch)

Registration includes social, breaks and banquet fees. Extra banquet Tickets can be purchased for \$40 Cdn. Lunch will be provided on **Wednesday, June 15th**

Continuing Education Session:

This year's continuing education session will focus on the **Practical Tools for Managing Bacterial Kidney Disease**. This one day workshop will aim to address, in lecture format, state-of-knowledge presentations on BKD diagnosis and tools for its management including husbandry, therapeutic treatment, vaccination and brood stock selection. The workshop will include a roundtable discussion by all participants on current knowledge and look to identify areas requiring additional research. The workshop will be facilitated by Dr. Laura Brown from the Pacific Biological Station.

Recreational Activities:

Vancouver Island is a prime holiday destination for enjoying fishing, hiking, scenic outings and generally a fun time. Hence it is a great venue for conferences and meetings. Please visit <http://www.hellobc.com/en-CA/RegionsCities/VancouverIsland.htm> to get a preview.

**Important Dates: April 29, 2011
June 01, 2011**

**Deadline for abstract submission
Deadline for registration**

Contact Information:

If you have any questions at this time please contact either:

Mark Higgins
Aquatic Animal Health Section
Pacific Biological Station
3190 Hammond Bay Road
Nanaimo, BC V9R 5K6

or Dr. Eva Jakob
Aquatic Animal Health Section
Pacific Biological Station
3190 Hammond Bay Road
Nanaimo, BC V9R 5K6

Email: Mark.higgins@dfo-mpo.gc.ca
Phone (250)756-7072

Eva.Jakob@dfo-mpo.gc.ca
Phone:(250) 756-7035

Please prepare abstracts in Microsoft Word format and email as an attachment to Dr. Simon Jones (Simon.Jones@dfo-mpo.gc.ca) by April 29, 2011. Power Point will be the format for all oral presentations.

Guidelines for Abstract Preparation

1. Abstract must fit on single side page with margins set at 1.5" on all sides.
2. Use Times New Roman 12 pitch font
3. Center the title and use all capitals. Genus and species names should be in italics.
4. Provide a double space between the title and authors.
5. For each author provide first name, middle initial and last name. Use bold script for author presenting the paper. Follow each name with a numeric superscript to denote affiliations.

6. Provide a single space between authors and affiliations. Affiliations should include mailing address plus postal/zip code.
7. Provide double space between affiliations and body of the abstract.
8. Provide a double space between the body of the abstract and an indication of whether you prefer oral presentation or poster.
9. If you are a student presenter and wish to be considered for the Best Student Paper Award, write student after Oral Presentation.

MEETINGS AND WORKSHOPS - FOR INFORMATION ON THESE AND OTHER UPCOMING MEETINGS GO TO THE WEBSITE:

<http://www.fisheries.org/units/fhs/meeting.php>

"HEALTH AND COLONY MANAGEMENT OF LABORATORY FISH"

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

Mount Desert Island Biological Laboratory Bar Harbor,
Maine – 15 – 19 August 2011

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, 2011.

The course is offered at the Mount Desert Island Biological Laboratory, Salisbury Cove, Maine during the period of 15 - 19 August 2011. Topics to be discussed will include general system design and water quality management, anatomy and histology of fish, general fish diseases and disease management strategies. Infectious and non-infectious diseases common to all fish as well as specific diseases of importance to laboratory-maintained zebrafish will be discussed. The course will consist of lecture, laboratory exercises and discussions. During the course there will be an opportunity for students to discuss unusual and/or unsolved diagnostic case experiences from their home laboratories as problem-solving exercises. The course should be particularly valuable to technical staff, graduate students, postdoctoral fellows, junior faculty and investigators needing skills to monitor the health of a colony of aquatic organisms.

2011 SALMON DISEASE WORKSHOP

http://microbiology.science.oregonstate.edu/salmon_disease_workshop

July 11-22

Oregon State University, Corvallis, OR

This workshop is designed for professionals working in the fish health field and will emphasize recent advances and developments in our

understanding of salmonid diseases. The workshop is limited to 20 participants on a first come, first served basis.

- Current immunological and molecular techniques
- Sampling for pathogens in wild populations
- New and emerging fish pathogens
- Cell culture techniques, including maintenance of cultures and viral identification
- Histopathology associated with salmonid diseases
- Current status of important viral, bacterial, and parasitic pathogens
- Salmonid disease treatment practices in Pacific Northwest hatcheries
- Epidemiology

APPLICATION DEADLINE - JUNE 15, 2011.

Cost of the workshop is \$950. To register:

<https://conferences.bus.oregonstate.edu/Registration/Index/2011-salmon-disease-workshop>

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

bartholj@science.oregonstate.edu

***The Gem - off campus studios or apartments w/kitchen, private bath,
linens, internet access:***

<http://www.housingnorthwest.org/studenthousing/osu/index.asp>

INTERNATIONAL SYMPOSIUM OF FISH PARASITES - WWW.8ISFP.COM

Date: September 26th - 30th, 2011

Venue: Hotel Gala Viña del Mar Chile

IMPORTANT DATES:

DEADLINE FOR ABSTRACT SUBMISSION: JUNE 10th, 2011

DEADLINE FOR EARLY BIRD REGISTRATION: MAY 31st, 2011

Time is running and the 8th International Symposium of Fish Parasites is approaching.

I want to inform you about important deadlines along with the preliminary program of the symposium:

8th ISFP PRELIMINARY PROGRAM

CONFIRMED PLENARY CONFERENCES:

MONDAY 26, 19 hrs. Gala Room

Biodiversity of fish parasites in South America

Dr. Jos  Luis Luque

Universidade Federal Rural do Rio de Janeiro

TUESDAY 27, 12:15 hrs GALA Room
Fish parasites: From Linnaeus to molecules
Dr. Tim Littlewood .
British Museum Natural History - UK

TUESDAY 27, 19:00 hrs GALA Room
Fish Parasites and Food Webs
Dr. Kevin Lafferty
Marine Science Institute
University of California - USA

WEDNESDAY 28 12:15 hrs GALA Room
Evolution of Fish Parasites
Dr. R Poulin
Otago University -New Zeland

THURSDAY 29 12:15 hrs. GALA ROOM
The taxonomy and systematics of Anisakidae. Morphological versus Molecular
Evidences
Dr. S Mattiucci
Universit  di Roma "La Sapienza" Italy

THURSDAY 29 19:00 hrs. GALA ROOM
Fish Parasites and Fisheries
Dr. Ken Mackenzie :
University of Aberdeen Scotland

POSITIONS

GRADUATE STUDENT POSITIONS

DFO Freshwater Institute We are accepting applications from students interested in pursuing a **PhD** (1 position available) or **Masters** (1 position available) degree in the field of viruses of lower vertebrates. The students will be located at the Freshwater Institute, Fisheries and Oceans Canada, Winnipeg, Manitoba and enrolled in the Department of Biological Sciences Graduate Program at the University of Manitoba. Possible start date is September 2011 or earlier.

The Ph.D. student's project will involve metagenomics, disease ecology and epidemiology of viral diseases of endangered lake sturgeon in Canada.

The Master's student's project will involve the application of Koch's postulates and molecular diagnostic tool design and development for viral diseases of endangered lake sturgeon in Canada.

Lake sturgeon (*Acipenser fulvescens*) populations in Manitoba were designated as endangered by the Committee on the Status of Endangered Wildlife in Canada in 2006 and are currently being assessed for inclusion in Schedule 1 of Canada's Species at Risk Act. Population enhancement through a sturgeon conservation stocking program is being considered as a supplementary measure to mitigate any further reduction in natural populations. To further these efforts we are investigating the effect(s) that infectious diseases might have on the recovery of threatened lake sturgeon populations. The students' projects will be part of a larger research program that addresses existing knowledge and technological gaps in viral diseases of lake sturgeon.

The successful candidate must have graduated from an officially recognized university with either a B.Sc or M.Sc in an appropriate discipline i.e. molecular biology, virology, microbiology, genetics or biochemistry (Degree to be earned by June, 2011). The applicants must show evidence of excellent academic qualifications, strong written and verbal communication skills, high motivation and the ability to work both independently as well as part of a larger collaborative research team.

Apply on-line at <http://jobs-emplois.gc.ca/rap-par/index-eng.htm> or for more information, please contact Sharon Clouthier at DFO Freshwater Institute, 501 University Crescent, Winnipeg, Manitoba, Canada, R3T 2N6; Email Sharon.Clouthier@dfo-mpo.gc.ca; Telephone 204-984-5215.

RESOURCES AND NEWS

REMEMBERING PETE BULLOCK – see attached [FFN_2_11.pdf](#)