



Fish Health Section



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

FHS NEWS

FHS NOMINATIONS

Hello All,

The time has come to nominate individuals for our 2012 section election. Positions open to election include positions in the Professional Standards, Technical Standards, Policy/Position Development, and Nominating and Balloting committees as well as Vice President. This is a great opportunity for seasoned professionals to help lead the section, and young professionals to become more involved. Nominations can be made for oneself or someone you know. The duties of all positions as well as a list of individuals currently serving as section officers or as committee members can be found at <http://www.afs-fhs.org/committees.php>. You can also visit the official website at <http://www.afs-fhs.org/>. All nominees must be FHS members and, if elected, they must also be an AFS member during their tenure as the committee chairperson or as a section officer. For a person to serve on the Professional Standards committee they must also be a certified Fish Health Inspector, a certified Fish Pathologist or a Doctor of Veterinary Medicine. Nominations will be accepted until 4 PM (CST) April 30, 2012. If you are interested in being considered for any of these positions or would like to nominate someone please contact me.

Thanks,

John Drennan
Chair, AFS/FHS Nominating and Balloting Committee
Merck Animal Health
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Elkhorn, NE 68022

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2012 AFS-FHS ANNUAL MEETING JULY 31-AUGUST 3, LA CROSSE WI

<http://www.uwlax.edu/conted/fish/index.htm>

You are most cordially invited to attend the AFS-Fish Health Section Meeting July 31-August 3 2012 in La Crosse, WI!

In an effort to reduce everyone's carbon footprint for attending this meeting to a size 3 (narrow), we have synchronized watches with the following groups who will hold their annual meetings on July 30 and/or 31.

[The Great Lakes Fish Health Committee](#)
[The Drug Approval Workshop](#)
[The Veterinary Workshop on Fish Regulatory Medicine](#)

The link above will take you to the home page for all four events. From there you can link to information about each meeting. You may register on-line for the Drug Approval Workshop and AFS-FHS meetings separately, or save \$\$ and attend both meetings for a reduced fee.

Register for the Veterinary Workshop on Fish Regulatory Medicine directly with Dr Gretchen May at WI DATCP. This workshop is free, thanks to a grant from USDA-APHIS.

There is no formal registration to attend the Great Lakes Fish Health Committee meeting.

[AFS-FHS Deadlines:](#)

June 1 for hotel reservations

June 15 for abstracts (note that images or graphics can be appended to the abstracts)

In an effort to go mostly paperless, abstracts will be posted on the website well in advance of the meeting and can be downloaded, saved electronically or printed as you like. There will be a short paper program available at the meeting.

To appreciate [science as art](#) and the "way coolness" of micrographs and other photographic images taken of our daily work, please bring prints of your favorites for display at the meeting. Special prizes will be awarded, and everyone is a winner!

Enjoy a [cruise on the Mississippi River](#) the evening of August 2, complete with Wisconsin's finest beverages and local specialty snacks. The boat has room for 60 people, so sign up early!

Details are being finalized for the [continuing education course](#) on August 3:

Molecular Diagnostic Tests for Aquatic Animal Pathogens: Regulatory Perspectives, Current Methods and Emerging Technologies

- a very timely topic for aquatic animal health professionals, conservation agency administrators and fisheries managers

All of this is happening at the beautiful Radisson Hotel in downtown La Crosse. The hotel has generously provided single room rates of \$70 (a king-size bed) and double

room rates of \$100 (two queen-size beds) per night. [Please use the promotional code](#) listed on the website when making your reservation. The deadline for hotel reservations is [June 1](#). Rooms may be available after June 1 but the rates above are not guaranteed.

The co-sponsors have worked hard to make this a fantastic week of meetings and we look forward to seeing you all in La Crosse!

The 2012 Western Fish Disease Workshop

Boise, Idaho

June 13-14, 2012



The Idaho Department of Fish and Game invites you to attend the 53rd Western Fish Disease Workshop on June 13-14, 2012 at The Grove Hotel, in Boise, Idaho. Now is the time to reserve the dates on your calendar and plan to make your room reservations.

Important Dates:

- May 12, 2012 Deadline for reduced rate room reservations
- May 15, 2012 Deadline for student travel award submission
- June 1, 2012 Deadline for abstract submission (see below)
- June 8, 2012 Deadline for online registration

Link to WFDW website:

<http://fishandgame.idaho.gov/public/wildlife/workshops/?getPage=297>

Registration link:

<https://s01.123signup.com/servlet/SignUpMember?PG=1535320182300&P=15353201911424342300>

Workshop Costs:

Early Registration before June 8th - \$200

Registration after June 8th - \$220

Continuing Education Session - \$75

Continuing Education Session: Tuesday, June 12th on Fish Nutrition, Feeds and Feeding – More information to follow.

Hotel Reservations: The Grove Hotel, Boise, Idaho www.grovehotelboise.com. For reservations call 1-888-961-5000 and identify yourself as part of the “Western Fish Disease Workshop”. Or for online reservations go to: https://reservations.ihotelier.com/crs/g_login.cfm?hotelID=76224 and use Attendee code: WFDW.

Room rate: \$77.00/night

Contact Information: If you have any questions please contact:

Doug Munson
1800 Trout Rd.
Eagle, Idaho 83616
Phone: 208-939-2413
Email: doug.munson@idfg.idaho.gov

Dr. Phil Mamer
1800 Trout Rd.
Eagle, Idaho 83616
Phone: 208-939-2413
phil.mamer@idfg.idaho.gov

Students: Students are eligible to compete for the Best Student Paper Award. This will be a monetary award.

Student Travel Award to be presented to one student to help cover costs associated with attending the WFDW to present a paper in the aquatic animal health field. Following the submission of the required materials, each student's application is judged based on the quality of the abstract, significance of interest in the research, academic achievement, professional achievement and financial need. The following documentation is required by May 15th: 1) Letter of application and statement of any special financial circumstances (i.e., not supported by a stipend, etc.) 2) Letter of recommendation from the student's major professor; 3) Copy of abstract of paper to be presented. All supporting material should be emailed to doug.burton@idfg.idaho.gov or sent to Doug Burton, Eagle Fish Health Laboratory, and 1800 Trout Road, Eagle, Idaho, 83616.

ABSTRACTS DUE JUNE 1, 2012

Please prepare abstracts in Microsoft Word format and email as an attachment to Doug Burton (doug.burton@idfg.idaho.gov) by June 1, 2012. Power Point will be the format for all oral presentations and we anticipate 15 min time slots.

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 zip code and email for presenting author.
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.

Recreational Opportunities:

Boise is located in the Treasure Valley of southern Idaho and is uniquely situated within easy driving distance of wilderness mountains and wild and scenic rivers.

Contact Information: If you have any questions please contact:

Doug Munson

1800 Trout Rd.

Eagle, Idaho 83616

Email: doug.munson@idfg.idaho.gov

Dr. Phil Mamer

1800 Trout Rd.

Eagle, Idaho 83616

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37TH ANNUAL EASTERN FISH HEALTH WORKSHOP

High Peaks Resort, Lake Placid, New York

23 - 27 April 2012

AQUA 2013

Planning for AQUA 2013, the Triennial meeting of the Fish Culture Section of the American Fisheries Society, National Shellfisheries Association, and the World Aquaculture Society is well underway. The conference will be held in Nashville, Tennessee from February 21-25, 2013.

The Program Committee has identified a number of potential special invited sessions for this conference and some session organisers. We are now actively seeking your input and involvement in making this an outstanding conference for 2013.

We are currently soliciting ideas and volunteers for special invited sessions. If you are interested in volunteering to organise a special session, or if you have any ideas for topics that might be included for this conference, please contact Dr. Sandy Shumway, Chair, Program Committee or contact any of the AQUA 2013 Program Committee members below.

Thank you for getting involved in your organisation !

Cheers,

Sandra Shumway

e-mail: sandra.shumway@uconn.edu

Jay Parsons jay.parsons@dfo-mpo.qc.ca

Steve Allen Stevenmallen@gmail.com

Jim Bowker jim_bowker@fws.gov

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

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

JOBS

FISH DISEASE TECHNOLOGIST POSITION

Edmonton, Alberta) has been posted at:

<https://www.jobs.alberta.ca/jobs-dynamic.html>

look for : Job ID: 1010233

ends today!!!

FACULTY POSITION IN FISH MOLECULAR VIROLOGY

College of Veterinary Medicine

The University of Georgia

The Department of Pathology, College of Veterinary Medicine at The University of Georgia, invites applications for a tenure-track faculty position focused on the molecular biology of new and emerging viral diseases of fish. The position is offered at the rank of Assistant Professor to a qualified individual with strong commitment to research.

The Department of Pathology, in cooperation with the Athens Veterinary Diagnostic Laboratory, offers a comprehensive diagnostic service to aquatic animal veterinarians and public aquaria. The successful applicant will work cooperatively with and support the diagnostic activities of a fish pathologist. Areas of research will include the characterization of emerging aquatic animal viruses and the development of broadly applicable molecular based diagnostic methodologies. Demonstrated expertise in the areas of metagenomics and microbial phylogenetics is essential, as is a working knowledge of fish diseases and regulatory aspects of international commerce in aquatic animals. Experience with herpes and iridoviral diseases of fish and amphibians is highly desirable.

Applicants must possess a DVM or equivalent degree, PhD, and have completed a minimum of one year of post doctoral training involving fish molecular virology. Eligibility for faculty licensure in the State of Georgia is required. Primary responsibilities will be the development of a sustained independent research program and the teaching of graduate students and pathology residents with interests in diseases of fish and molecular diagnostics.

The University of Georgia is located in Athens, a vibrant community of 100,000 located in the wooded Piedmont hills of northeast Georgia. Offering the amenities of a cosmopolitan city, the surrounding area also offers the choice of a more rural lifestyle. Athens is located 1½ hours from Atlanta, two hours from the Appalachian Trail, and four hours from the Atlantic coast.

Applications received by April 16, 2012 are assured full consideration. The starting date is July 1, 2012. Interested individuals should submit a letter of intent stating professional interests and career goals, curriculum vitae, and the names

and addresses of three professional references to Dr. Al Camus, Department of Pathology, College of Veterinary Medicine, University of Georgia, Athens, GA 30602-7388; telephone 706-542-5848, FAX 706-542-5828, or e-mail camus@uga.edu.

Please visit our website at <http://www.vet.uga.edu/vpp/index.php> for additional information.

The University of Georgia is an Affirmative Action and Equal Opportunity employer.

POSTDOCTORAL POSITION: SCHOOL OF MARINE AND ATMOSPHERIC SCIENCES, MARINE ANIMAL DISEASE LABORATORY.

If you are interested, contact:
William M. Wise, Director
Living Marine Resources Institute
School of Marine and Atmospheric Sciences
Stony Brook University
Stony Brook NY 11794-5000
(ph) 631.632.8656
(FAX) 631.632.9441

NEWS

AADAP NEWSLETTER

The latest issue of the AADAP Newsletter (Vol 8-1) is now available to view or download for printing. To view or download click on the following link and then click on the pdf version link.

<http://www.fws.gov/fisheries/aadap/newsletter.htm>

As always, please contact us if you have any questions or comments on recent changes, or anything else related to the Newsletter or AADAP's website. Don't forget to pass this on to others that you feel may benefit from the information within the Newsletter.

Please accept our apologies if by chance you receive more than one email notice of availability from AADAP.

PROGRESS BEING MADE IN THE REGISTRATION OF AQUIS-20E

Attached is the letter from FDA we received this week in response to the risk assessment UMESC prepared requesting that FDA determine the safe concentration and tolerance of eugenol residues in edible fillet using an Acute-Single Dose Intake

(ASDI) approach instead of the typical Acceptable Daily Intake (ADI) approach which is traditionally used. This was a crucial step in completion of the human food safety of technical section because it allowed FDA to conclude that consumption of recently sedated fish was an unlikely event. The FDA used a slightly different approach that suggested and derived what they refer to as an Acute Reference Dose (ARfD) for eugenol residues following use as an immediate release sedative in fishery management activities. That ARfD determined for this proposed use pattern is 2 mg eugenol/kg human bodyweight, which when translated to a standard human mass and a standard fish portion size indicates that eugenol residues of up to 400 mg eugenol residues/kg in the edible fillet would be safe for occasional human consumption. That is a remarkably high number, higher than any other drug residue that either Jeff or I have worked with in the past ~20 years, and ~7 times higher than that Jeff determined in fish immediately after sedation by isoeugenol (55 mg/kg). Though we don't yet know what the eugenol residue levels will be immediately after sedation, the finding by FDA helps us chart our course in conducting these studies.

I've copied several folks on this email that were critical to developing the risk assessment that went forward, including Matt Keefer from University of Idaho, John Kerwin from WA Department of Fish and Wildlife and notably Ed Larson, Nez Perce and Phil Roger, CRITFC. Without their support and information it would have been impossible to prepare a risk assessment to address FDA's concerns regarding immediate release sedatives and the potential for human consumption of recently sedated fish.

This is really the first step in the process to address the residue chemistry technical section for this drug. But thanks to funding from the U.S. Army Corps of Engineers and from the FDA, Jeff is proceeding with the initial studies to assess the residue depletion of eugenol residues from fish following sedation. In fact, he's sampling fish from an AQUIS 20E bath as I type this email - its part of a study to determine the exposure parameters that maximize eugenol residues in the edible fillet. Completing the "max residue" study will enable Jeff to select the exposure parameters for the total residue study to assess the total residue profile of eugenol residues. Based on the data generated in those two studies and the conclusions reached by FDA in the attached letter, we will be able to determine what additional studies would be required to complete the residue chemistry subsection of the human food safety technical section.

I know we don't always receive the news that we expect from FDA as we submit data to them for review. However, I believe our progress on eugenol represents a case which thus far highlights the utility of effective interaction between FDA and data generators to determine the paths forward that efficiently use available data and identify the minimum new data that must be developed to address a technical section. The findings made by FDA represent their first application of the ARfD risk assessment to fish and represents a substantial departure from their traditional data-driven processes. It took some up front efforts on all of our parts but the potential savings in using available data support this process should pay us back in the end.

Best regards,

Mark P. Gaikowski
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