



Fish Health Section



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

FHS NEWS

ON THE WAY OUT...

Andy Goodwin, AFS-FHS past-president (since last week)

As I leave the exalted office of FHS president, I am disappointed to learn that I have no power to grant pardons. I guess that I will just stick with the old stand-by of bragging about accomplishments and thanking a few folks that went above and beyond. On the bragging about accomplishments side, please let me point out that the FHS web site (www.afs-fhs.org) is up and running, completely independent of the AFS site, and very easy for non-geeks to maintain. Also, that the Section is in the strongest financial position in its history. For the thank-you part, the FHS annual meeting in La Crosse last week was a huge success. The local organizers, Sue Marcquenski and Becky Lasee, did a fabulous job of organizing the meeting, the facilities, and even simple on-line registration. Their plan to increase attendance (and reduce our carbon footprints!) by co-locating 4 meetings made their organizational task far more complex, but it was also critical to the meeting's success. So, thanks to Sue and Becky, and to the other organizations that agreed to meet in LaCrosse with the FHS. I also need to especially thank the CE committee (hands down the biggest work-load in the past year!), the Policy Committee for their determination to make the Section a real player in National fish health policy, the Nominating and Balloting Committee for giving us a great slate of candidates, the Tech Standards committee for getting out a new edition of the Blue Book, our student members for working to help us develop fish health leaders for the future, Jill Rolland for taking on so much of the financial responsibility for the Section, Jerri Bartholomew for all her hard work, and Diane Elliott for helping me through the first months of my tenure as Section President.

Looking forward to the next year or two, I hope that...

- The students will find a way to stay active and organized even though "student" status is a short lived thing
- That the Policy Committee will continue to be active and to make progress toward giving the Section a stronger voice on the national scale
- That lots of folks will work together to help Paul Hershberger organize a very successful ISAAH for 2014.
- That you will all find travel money to get to the 2013 FHS meeting in Port Townsend, WA
- And, that everybody will help our new President, Larry Hanson, to make the Section even better

Thanks for everything!
Andy

INCOMING PRESIDENT'S MESSAGE

Larry Hanson

As usual I came back from the Annual Fish Health Section meeting stoked about the science of fish health and the opportunities in our profession. Coming to a meeting where everyone is excited about fish health, is a powerful reminder of the big picture and why we love the field. The meeting in La Crosse was well attended and it was a diverse crowd of fish health professionals and graduate students. Much of the success of the meeting can be attributed to the creative work of Sue Marcquenski and Becky Lasee in having this meeting in conjunction with the Great Lakes Fish Health Committee Meeting, The Veterinary Workshop on Fish Regulatory Medicine Aquaculture Biosecurity/AIS-HACCP Workshop, and the Annual USFWS Aquaculture Drug Approval Coordination Workshop. This greatly enhanced the attendance by colleagues working in regulatory agencies, and aquaculture and provided the opportunity Fish Health Section Members of various professions to interact.

The FHS meetings are so rewarding and attended by many "regulars" because there is no other organization in North America that addresses fish health issues as well as the FHS. This largest section of the American Fisheries Society consists of researchers, educators, diagnosticians, and regulators employed by universities, private industry, and federal, state and tribal agencies. The professional diversity makes the FHS a critical conduit for exchanging information and ideas. Most of us also participate in regional or specialty organizations, but the FHS provides the medium for learning about the whole field of fish health, on an international scale. The next FHS annual meeting is will be in conjunction with the Western Fish Disease Workshop on June 18-20, 2013 at Port Townsend Washington (this is being organized John Hershberger, see the FHS web page for more details <http://www.afs-fhs.org>). In 2014, the FHS will host the International Symposium for Aquatic Animal Health (ISA AH). This is always a great meeting attended by prominent fish health professional from around the world.

The annual meeting is an important part of the FHS but it is just a fraction of what FHS does for the field of fish health. The list serve (sent out by Jerri Bartholomew) and FHS WEB page (newly reorganized and managed by Andy Goodwin) are rapid venues for dissemination of current events in the field. The FHS Bluebook is the established reference manual for diagnostic and inspection procedures for many state and federal agencies. The utility of the Bluebook and Inspection Manual is maintained by biannual updates by experts in the field. The most recent edition scheduled for release this fall, will have 3 new chapters and 12 revised chapters. Revision of the Bluebook is directed by the Technical standards Committee. The Inspection Manual, which recommends procedures for inspecting fish lots and facilities, is available on line (<http://www.afs-fhs.org/bluebook/blue-book-access.php>). Content is directed by the Inspection Handbook Committee consisting of FHS members and representatives of USFWS, USDA-APHIS and NOAA.

The Journal of Aquatic Animal Health is a high quality journal for dissemination of peer reviewed scientific publications with reasonable page charges to authors and reasonable subscription rates to AFS members.

FHS has a well established certification program (Aquatic Animal health Inspectors and Fish Pathologists) to document training, experience and professionalism in diagnostics and inspection of fish pathogens and an active Continuing Education program. The FHS members organize CE courses on line or in conjunction with fish health meetings. The FHS often provides loans to assist the organizers. CE credits are applicable to renewal of FHS certifications and FHS is a RACE certified continuing education provider (No. 546) with the American Association of Veterinary State Boards. CE courses offered this year were: PCR and new molecular techniques, organized by Maureen Purcell, Rod Getchell and Sue Marcquenski; Fish Nutrition, Feeds and Feeding, organized by Doug Munson and Phil Mamer; The World Organization for Animal Health: Understanding the OIE, organized by Thomas Waltzek and Kathleen Hartman. Web-based courses were Histology by Scott Foott and PCR techniques by Maureen Purcell.

Policy and Position committee has been established to address issues of concern among the FHS. As experts in the field FHS members provide advice on disease certification, regulation of trade, regulation of drugs and biologics. Furthermore the FHS interacts directly with the American Veterinary Medical Association by having a member of the Aquatic Veterinary Medicine Committee (Myron Kebus) as an advisor to the EXCOM and often FHS members participate on this politically active committee (Last year Andy Goodwin was an advisor to this committee).

The reason I reviewed things about the society that you probably already knew, is to remind you how important the FHS is to the fish health field. I wanted to emphasize the tools FHS provides so that you can take full advantage of its resources. The FHS is your organization. Your participation in governance, assistance in meetings, providing expertise in CE courses, providing direction to the society are critical for its growth. Please provide me with any advice or concerns you have about the functioning of the FHS. The last 2 things I request of you are: 1. please make sure your membership is current for 2012 (this is important for receiving the list serve, allowing voting and participation in FHS governance and is especially critical for maintaining certifications), 2- please spread the word about FHS. I would especially like to remind those that interact with graduate students to encourage them to join the AFS/FHS as student members. Encourage them to come to the meetings and be active members of the Fish health Profession (don't forget about the Snieszko Student travel awards and the awards for student presentations). For 3 years after graduation, they can be AFS/FHS members as young professionals at close to ½ off the cost of regular membership. Also, please inform colleagues in developing nations that they can join AFS/FHS at a much reduced rate.

I thank Andy Goodwin for the great leadership as FHS president last year. He was instrumental in strengthening the FHS in advisory roles with regulatory agencies. This year my broad goals are to continue this activity, increase FHS membership and utilize the FHS resources to facilitate communication among FHS scientists.

Next week I will be representing the FHS at the AFS governing board at the AFS Meeting in St. Paul, MN. I am looking forward to reporting the FHS accomplishments and expectations. I hope to see some of you there. The 2013 meeting will be in Little Rock, AR, Sept. 8-12. The FHS generally helps host a ½ day fish symposium on a fish health related issue that is of interest to other fisheries professional at the AFS meeting. If you have suggestions on a topic or would like to participate please let me know.

Larry Hanson
Fish Health Section President

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

FHS MISCELLANY

Ted Meyers stopped at the Freshwater Fishing Hall of Fame during a post-meeting fishing trip and thought it would be interesting, but not surprising for FHS members to know that Dr. Snieszko was an inductee into the Hall of Fame in 1991. Thanks for the fun fact Ted and it was good to see you in LaCrosse.

JOBS

POSTDOCTORAL FELLOW, Oregon State University

The postdoctoral fellow will investigate the role of the immune response, specifically IgT, in protection against the myxozoan *Ceratomyxa shasta*. The candidate will work with a team that investigates various aspects of the parasite life cycle, and take the lead in coordinating with project collaborators at the University of Pennsylvania. The ideal candidate will have completed Ph.D. studies in a relevant biological discipline. A demonstrated record of accomplishment is required and the successful applicant will be expected to publish research results in appropriate high quality journals. This position will be offered as a one-year contract contingent upon further funding.

The candidate will be expected to assist in the design of experiments, collect data, summarize results, produce reports for submission to NIH/NSF, and publish in

refereed journals. Periodic travel will be required to present research findings, meet with project collaborators, and conduct field challenges. The candidate should have demonstrated proficiency in all aspects of microbiology and a strong background in molecular and immunological techniques such as flow cytometry, histology/immunohistochemistry, ELISA, PCR, etc.

This position will require some indirect and direct supervision of students in the laboratory.

MINIMUM QUALIFICATIONS:

Education: Ph.D. degree in Microbiology, Immunology, Molecular biology, Aquaculture, Fisheries or closely related field
Demonstrated oral and written communication skills
Demonstrated ability to work independently and with a group

For additional information contact:

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FISH HEALTH LABORATORY TECHNICIAN – for details see attached Fish Health Laboratory Technician May 2012.doc

FishVet Group (FVG) is a leading multidisciplinary veterinary/animal health business located in Europe with offices in the United Kingdom in Inverness and North America in Portland Maine, USA. FVG offers a comprehensive range of solutions, services and products for global aquaculture that benefit fish, fish farmers, the consumer and the environment. The company was established in 1995, and has expanded progressively in order to meet the growing technical needs of aquaculture producers, processors, aquarists and associated suppliers.

FVG is an international business that develops and markets aquaculture animal health products and technical services, and it is expanding its activities to serve the major aquaculture species being produced around the world. A central part of this service is an in-house laboratory and analytical team that offers industry leading medical, chemical and environmental analysis.

POST-DOCTORAL POSITION: AQUATIC EPIDEMIOLOGY (INFECTIOUS DISEASES)

University of Prince Edward Island
Atlantic Veterinary College
Department of Health Management

The Atlantic Veterinary College (AVC) at the University of Prince Edward Island (UPEI) is seeking a highly-qualified applicant for a post-doctoral position in aquatic epidemiology with a focus on infectious diseases of finfish. The position is for 1 year and is renewable contingent on obtaining additional funding. The successful applicant will be a member of the Canada Excellence Research Chair (CERC) program in Aquatic Epidemiology awarded by the Canadian Government to UPEI. The goal of the CERC program is to make UPEI and Canada the global leader in applied aquatic epidemiology research (with an ecosystem health focus). The successful applicants will join a multi-disciplinary team of epidemiologists, statisticians, finfish, crustacean and mollusc clinicians, ecosystem health and regulatory veterinary medicine specialists whose work focuses on holistic approaches to assist the Canadian and international aquaculture industries improve the productivity, sustainability and health of aquatic food animal stocks.

Applicants must have a DVM degree and a PhD in epidemiology, or related discipline. Expertise in aquatic food animal diseases and aquaculture is strongly preferred. Individuals must be self-motivated and able to work both independently and as an effective partner in the expanding UPEI CERC team.

Salary will be commensurate with qualifications and experience of the individual. Interested applicants are encouraged to contact Dr. Ian Gardner (phone: [902-620-5059](tel:902-620-5059); e-mail: iagardner@upei.ca) for further information about the position.

Interested candidates should submit their curriculum vitae, a statement of interest and the names and contact information of two referees. Review of applications will begin on September 1, 2012 and the position will remain open until filled. Applications should be sent to:

Leanne Newson
Centre for Veterinary Epidemiological Research
Department of Health Management
Atlantic Veterinary College
University of Prince Edward Island
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cver@upei.ca

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RESOURCES

**USFWS AADAP AQUACULTURE DRUG UPDATE AUGUST 9, 2012:
AUTHORIZATION GRANTED FOR THE IMMEDIATE RELEASE OF FISH SEDATED
WITH AQUI-S 20E UNDER INAD 11-741**

See attached file: [AQS20E_Aug 9_2012.pdf](#)

NUTSHELL – see attached nutshell 35 april-july 2012

Lots of interesting information, including teaching sharks to hunt lionfish, news on IHNV detection on p6, snakehead bounty hunt on p18