



Fish Health Section



FHS NEWS – June 2024

Fish Health Section website: <https://units.fisheries.org/fhs/>

Fish Health Section Facebook Site: <https://facebook.com/FishHealthSectionAFS>

Fish Health Section Twitter feed: @AFSFishHealth

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Call for Nominations

The Nominating and Balloting Committee is seeking nominees for the following positions: **Vice-President;** **Secretary/Treasurer;** **Professional Standards Committee (1);** **Policy/Position Development Committee (1);** and **Nominating and Balloting Committee (1).**



The Vice-President serves a 4-year term with 1-year obligations as VP, President-Elect, President, and Past President. All committee positions are 3-year terms, and the newly elected member will serve as chair of the committee during their 3rd year on the committee. Additional information on the roles of the committees can be found on the FHS website, <https://units.fisheries.org/fhs/about/by-laws/>.

The link to the FHS Procedure Manual in addition to the by-laws:

https://units.fisheries.org/fhs/wp-content/uploads/sites/30/2023/02/FHS_Procedural_Manual_2022-09-06.pdf

Nominees must be Fish Health Section members in good standing. Additionally, nominees for the Professional Standards Committee must be a Certified Fish Health Inspector, a Certified Fish Pathologist, or a Doctor of Veterinary Medicine.

This an excellent opportunity to volunteer for the AFS-FHS and expand connections, service, and contributions for advancing fish health.

The nomination period is open until **July 12th, 2024**. Please send all nominations to Timothy Bruce, tjb0089@auburn.edu. Nominees will be asked for confirmation and to provide a biosketch for the election process.

MEETINGS, WORKSHOPS & COURSES

American Fisheries Society, Fish Health Section Meeting and 63rd Western Fish Disease Workshop



July 30th – August 1st, 2024

The 2024 American Fisheries Society, Fish Health Section meeting and 63rd Western Fish Disease Workshop will be held at the Riverside Hotel in Boise, Idaho from Tuesday July 30 – August 1, 2024. A full day continuing education session will be held on Tuesday July 30th and will be followed by a welcoming social, with light appetizers, cash bar and a casual session of interesting case studies. The general session will start the morning of Wednesday July 31st and will continue through the afternoon of Thursday August 1. A poster session on Wednesday afternoon will be followed by the meeting banquet.

MEETING UPDATES AND IMPORTANT DEADLINES:

MEETING SUMMARY

- The 2024 American Fisheries Society, Fish Health Section meeting and 63rd Western Fish Disease Workshop will be held at the Riverside Hotel in Boise, Idaho from July 30 – August 1, 2024.
- Continuing education will cover “Disease Prevention – Finfish Brood and Production Strategies”.

MEETING VENUE AND ROOM RESERVATIONS

- Discounted room rate ends **July 2nd**
- Room reservations link: [63rd Western Fish Disease Workshop](#)

ABSTRACT SUBMISSION

- Abstract submission deadline **July 5th**
- Submission link: <https://event.fourwaves.com/wfdw63/pages>

MEETING REGISTRATION

- Registration deadline **July 19th**
- Registration link: <https://event.fourwaves.com/wfdw63/pages>
- Continuing education fee: \$75 (U.S. dollars)
- FHS/WFDW fee: \$350 (U.S. dollars)

STUDENT TRAVEL AWARDS

- Award recipients will be notified by Monday July 1st.



American Board of
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For excellence and
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and surgery.

DEADLINE JAN 15

**VETERINARIANS WITH THE
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- **Work with pet fish,
zebrafish, aquaculture,
aquarium fish and more**
- **4.5-5 years experience**
- **15% or more total case load**

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JOBS/GRADUATE ASSISTANTSHIPS

Research Veterinary Medical Officer

USDA-ARS

Aquatic Animal Health Research Unit

Auburn, AL

Closes 7/3/24

<https://www.usajobs.gov/job/793912800>

Duties:

- Perform aquatic animal health research to develop more effective means for control of viral, bacterial, and parasitic diseases of cultured fish and shellfish via a combination of biological, immunological, nutritional, and health management methods.
- Research the control and prevention of diseases of fish, including designing and conducting systematic research for determining microbial virulence factors, disease pathogenesis, immune responses.
- Develop in vitro and in vivo models, diagnostics, and vaccines.
- Serve as the Attending Veterinarian on the Institutional Animal Care and Use Committee for the AAHRU

PhD Position in Multi-species Landscape Epigenomics

University of Alberta

See attached .pdf for information

Clinical Instructor

Global Center for Aquatic Health and Food Security

Gulfport, MS

Link: <https://explore.msujobs.msstate.edu/en-us/job/507555/clinical-instructor-i-ii-or-iii>

The College of Veterinary Medicine at Mississippi State University is seeking to hire a Clinical Instructor in marine animal health. The position will be supported by and will serve the Global Center for Aquatic Health and Food Security. The position will be based in or near Gulfport, Mississippi with periodic trips to Starkville, Mississippi. Reappointment will occur on an annual basis and will be dependent on funding.

Assistant/Associate/Professor in International Aquatics and One Health

Mississippi State University

Starkville, MS

Links: Tenure-track: <https://explore.msujobs.msstate.edu/en-us/job/507566/assistantassociateprofessor>, Non-tenure-track:

<https://explore.msujobs.msstate.edu/en-us/job/507567/assistantassociateclinical-professor>

The College of Veterinary Medicine at Mississippi State University is seeking to hire an Assistant/ Associate/ Full Professor in International Aquatics and One Health. The position will also serve in the Global Center for Aquatic Health and Food Security.

Assistant Research Professor in Aquatic Health

Mississippi State University

Gulfport, MS

Link: <https://explore.msujobs.msstate.edu/en-us/job/506659/assistant-research-professor>

The College of Veterinary Medicine at Mississippi State University is seeking to hire an Assistant Research Professor in Aquatic Health. The position will be supported by the Mississippi State University Global Center for Aquatic Health and Food Security and will be based in or near Gulfport, Mississippi with periodic trips to Starkville, Mississippi.

Zebrafish Related Job Announcements

<https://wiki.zfin.org/display/jobs/Zebrafish-Related+Job+Announcements>

RESOURCES/NEWS

Aquatic Animal Drug Approval Partnership (AADAP) Updates are available by request:

The AADAP Updates feature news on aquaculture drugs currently in the U.S. Food and Drug Administration (FDA) approval process, AADAP programmatic updates, and aquaculture drug use guidance information. If you would like to sign up to receive the AADAP Update, please email to be paige_maskill@fws.gov added to our email listserv.



PhD position in Multi-species Landscape Epigenomics (Venney lab)

I am seeking a highly motivated student for a PhD project on multi-species landscape epigenomics. This is a funded PhD position in the Department of Biological Sciences at the University of Alberta (**minimum guaranteed salary of \$25,917/year for 5 years**). The start date is anticipated to be January or September 2025 but is negotiable. Previous experience with genomic data or bioinformatics (Linux and R) is an asset.

DNA methylation is a potential underlying mechanism for phenotypic plasticity and can respond to environmental fluctuations such as climate change. Due to the potential for epigenetic inheritance, populations living in different environments could accumulate epigenetic differences over many generations. These methylation differences could slowly lead to genetic divergence over long evolutionary periods due to the mutagenic nature of DNA methylation.

We will assess variation in DNA methylation due to climatic variation and its associations with genetic variation. We have performed ~16X coverage whole genome methylation sequencing for 80 lake whitefish (*Coregonus clupeaformis*) and 80 brook charr (*Salvelinus fontinalis*): 10 fish per species from eight sampling locations across a latitudinal climatic gradient in Hudson Bay and James Bay. We will combine these data with environmental data and ~20X whole genome sequencing data for the same fish to answer diverse questions on interactions among DNA methylation, the genome, and environmental variation in a natural system.

The successful candidate will be co-supervised by Dr. Clare Venney (<https://clarevenney.weebly.com/>) and Dr. Jean-Sébastien Moore (Université Laval, <https://jean-sebastienmoore.weebly.com/>). The successful candidate can also contribute to upcoming fieldwork in the lab as desired (e.g., potential work in and around Banff and Jasper National Park). Interested candidates should send a CV, unofficial transcripts, and one page cover letter detailing their interest in the position to **venney@ualberta.ca** on or before **July 1st, 2024**.

Please feel free to reach out with any questions at the email address listed above.

Clare Venney
Incoming Assistant Professor
Department of Biological Sciences
University of Alberta