

Fish Health Section



FHS NEWS

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

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

AFS Membership Campaign

In efforts to boost American Fisheries Society (AFS) membership, the AFS is currently holding an “AFS Member-get-a-member” campaign, the details of which can be found at <https://secure.fisheries.org/memgetmem>. Please consider recruiting a new AFS member (or three) who I’m sure would also be interested in joining the Fish Health Section. We have many important and active efforts underway within our section, so the more brain power, the better! Thanks for your continued activity as dedicated AFS-FHS members!

MEETINGS, WORKSHOPS AND COURSES

Joint Meeting of the Northeast Fish Health Committee and AFS Fish Health Section

Burlington, VT

July 12th – 15th, 2021

See attached pdf for more information.

Calling all Aquaculture America 2021 attendees! **Dates updated**

Are you interested in speaking in a special session at Aquaculture America 2021, to be held in San Antonio, Texas from August 11th-14th, 2021? Please see the link below to learn more about the National Aquaculture Association (NAA) special sessions that AADAP is co-hosting with the Aquatic Drug Approval Coalition (ADAC) and the Association of Fish and Wildlife Agencies-Drug Approval Working Group (AFWA-DAWG).

<https://www.fws.gov/fisheries/aadap/Expert-Presenters-Invited-Aquaculture-America-2021.html>

JOBS/GRADUATE ASSISTANTSHIPS

Postdoctoral Position – Flavobacterium Genetics

University of Wisconsin-Milwaukee, Department of Biological Sciences
Milwaukee, WI

I have funds to hire a postdoctoral scientist to expand our molecular and genetic studies of virulence of the fish pathogens *F. psychrophilum* and *F. columnare*. This research will be conducted in my lab at the University of Wisconsin-Milwaukee, USA. It will build on our studies of the role of the type IX secretion systems in virulence. We plan to identify secreted virulence factors to understand these flavobacterial diseases of fish, and to aid in development of control strategies. Ph. D. and research experience in microbiology required. Experience with molecular and bacterial genetics preferred, and experience with fish is also desirable. Salary is commensurate with experience and accomplishments. If you know of any good candidates, I would appreciate it if you would forward this message to them. Candidates may apply by sending a statement of interest, cv, and names and email addresses of 3 references by email to Mark J. McBride (mcbride@uwm.edu), Department of Biological Sciences, University of Wisconsin-Milwaukee. Information about the Department of Biological Sciences at the University of WI-Milwaukee can be found at: <https://uwm.edu/biology/>

Graduate Assistantship in Fish Immunotoxicology
Mississippi State University, College of Veterinary Medicine
Starkville, MS

Biological toxins including those produced by Hazardous Algal Blooms impact wild fish and aquaculture systems with increasing frequency. This is associated with global warming and increased fertility in water systems. These toxins can kill fish but immune suppressive effects of sublethal exposure may be more common and important to fish populations. We are studying the effect of known toxins, including microcystin LR, on the susceptibility of channel catfish to infectious diseases.

We are recruiting a PhD student that will study the immunotoxicology of these compounds in fish. This position is available for 4 years (competitive stipend and tuition remission) at the College of Veterinary Medicine, Mississippi State University, Starkville MS.

If interested please contact Dr. Larry Hanson, <mailto:hanson@cvm.msstate.edu>

Postdoctoral position
The Hong Kong University of Science and Technology

The Miller lab is seeking a highly motivated, organized and enthusiastic individual to help develop zebrafish as a model system to screen traditional Chinese medicines and novel synthetic compounds as possible therapeutic agents against SARS Cov-2 host-cell infection. Applicants with a PhD and strong background in fish virology are highly encouraged to apply. Salary and benefits are commensurate with relevant experience. The position is for 2 years and is available immediately. Please send your CV, and the name and address of three referees to: almiller@ust.hk.

Aquaculture Veterinarian

Department of Fisheries and Land Resources – Aquatic Animal Health Division

St. John's, Newfoundland and Labrador, Canada

Closes: 31 March 2021

Reporting to the Chief Aquaculture Veterinarian, this is a highly professional position in aquatic animal health management within the Province. Work involves responsibility for veterinary service to fin (shell) fish producers and researchers in the province including the operation of diagnostic laboratories in St. John's, St. Alban's and Grand Falls-Windsor, the supervision of technical personnel, and participation in the aquatic animal health regulatory program. Key responsibilities include the provision of aquatic animal health service for cultured aquatic animals, response to emergency service needs, conducting active and passive surveillance programs, conducting biosecurity audits and providing evidence-based decision making leading to sound health policy. Preparation and delivery of public presentations will also be required.

See attached pdf for more information.

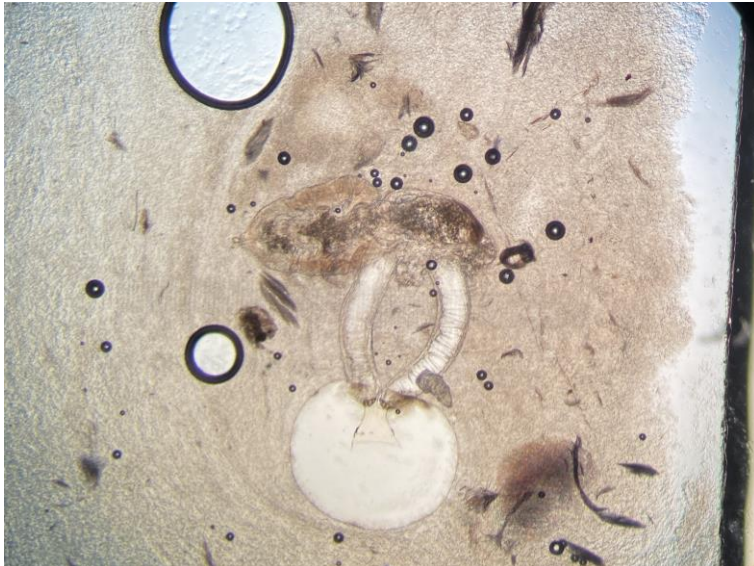
Zebrafish Related Job Announcements

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

RESOURCES/NEWS

Aquatic Animal Drug Approval Partnership (AADAP) Updates are now available online: https://www.fws.gov/fisheries/AADAP/aadap_update.html

NEW FEATURE – EDITOR'S RANDOM PICS



Female *Salmincola californiensis* found on a juvenile *O. nerka* in Lake Billy Chinook, Oregon, 3/23/2020

Competition Details

Referral Number	FLR.19.20.R0865
Employment Type	1 permanent position; 1 temporary position
End Date	March 31, 2021
Division	Aquatic Animal Health Division
Department	Department of Fisheries and Land Resources
Locations	St. John's
Closing Date	open until filled
Salary (scale)	\$45.01 - \$53.19 per hour (CG-46)
Allowances	Click here to enter allowances.

Position Details

Context

<https://www.fishaq.gov.nl.ca/aquaculture/index.html> [Help!](#)

Duties

Reporting to the Chief Aquaculture Veterinarian, this is a highly professional position in aquatic animal health management within the Province. Work involves responsibility for veterinary service to fin (shell) fish producers and researchers in the province including the operation of diagnostic laboratories in St. John's, St. Alban's and Grand Falls-Windsor, the supervision of technical personnel, and participation in the aquatic animal health regulatory program. Key responsibilities include the provision of aquatic animal health service for cultured aquatic animals, response to emergency service needs, conducting active and passive surveillance programs, conducting biosecurity audits and providing evidence-based decision making leading to sound health policy. Preparation and delivery of public presentations will also be required. [Help!](#)

Merit Criteria

Screening Criteria *Use numbered lists only.* [Help!](#)

1. Doctor of Veterinary Medicine
2. Experience with aquatic veterinary medicine
3. Experience conducting biosecurity audits
4. Supervisory experience (asset)

Assessment Criteria *Use numbered lists only.* [Help!](#)

1. Knowledge of aquatic veterinary medicine
2. Knowledge of conducting biosecurity audits
3. Knowledge of disease outbreaks

4. Knowledge of aquatic laboratory practices
5. Knowledge of the aquaculture industry
6. Ability to supervise others
7. Ability to make decisions
8. Ability to manage time and tasks
9. Ability to communicate effectively (verbal)
10. Professionalism

Conditions of Employment

Conditions of Offer *Use numbered lists only.* [Help!](#)

1. Demonstration of Doctor of Veterinary Medicine degree
2. National Veterinary Board Examination Certificate of Completion
3. Eligible for full licensure with the Newfoundland and Labrador College of Veterinarians
4. Proof of Class 5 Drivers License

Conditions of Acceptance *Use numbered lists only.* [Help!](#)

1. Acknowledges requirement for travel by vehicle, vessel, snowmobile and UTV
2. Acknowledges requirement for continuous education and training
3. Acknowledges requirement for performing work in variable weather conditions (on-land and marine)
4. Willing to accept emergency and stand-by on call availability
5. Willing to accept overtime

Applicant Information *Use numbered bullets only.*

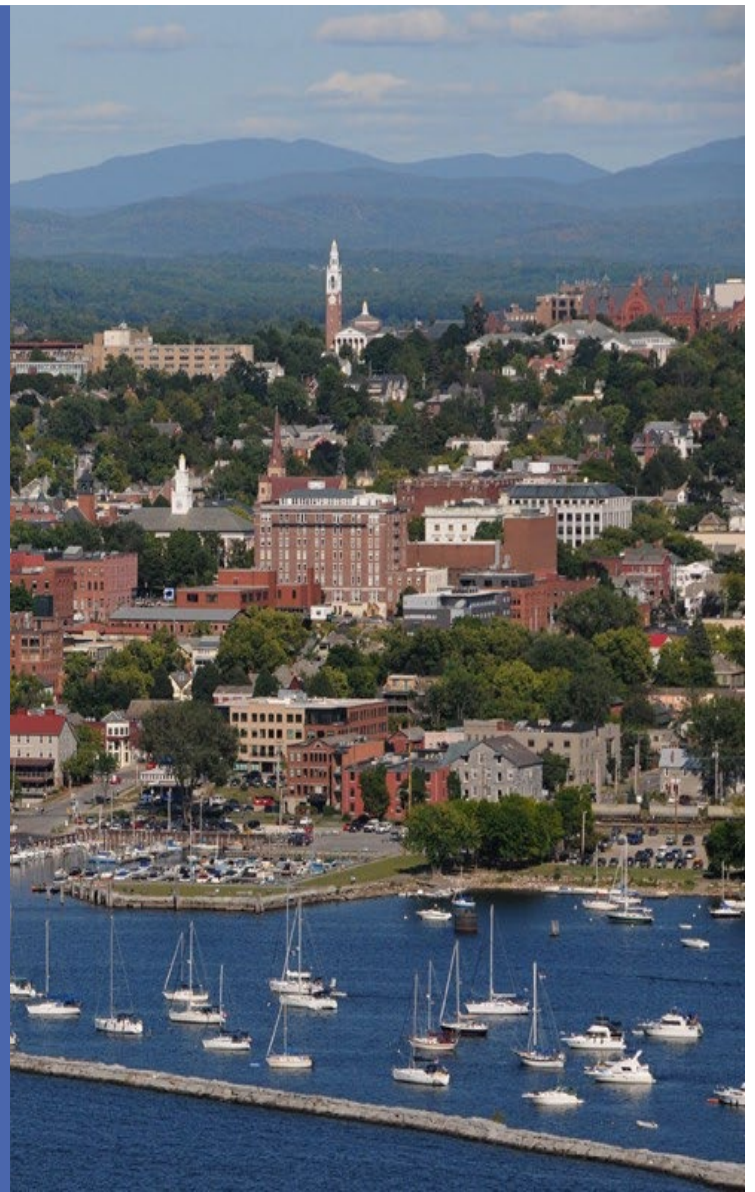
For more information about this opportunity please contact: Dr. Daryl Whelan at (709) 729-0387.

1.
 - The Government of Newfoundland and Labrador values diversity in the work place and is an equal opportunity employer.
 - Disability related accommodations and alternate formats are available upon request at any stage of the recruitment process by contacting recruitment@gov.nl.ca, 709-729-0130 or toll free at 1-888-729-7690.
 - Preference will be given to applicants who are legally entitled to work in Canada.
 - Applications must be received on or before the closing date stated for this job posting.
 - It is the responsibility of the applicant to submit an application that demonstrates the required merit criteria.
 - Applications that do not clearly demonstrate the required criteria will be screened-out.
 - All applications must contain accurate contact information, including current mailing address, email address and phone number.
 - All information submitted as part of this application must be factual, complete and current to date of submission.
 - This competition may be used to fill future similar vacancies with the Government of Newfoundland and Labrador.

JOINT MEETING OF THE
NORTHEAST FISH HEALTH
COMMITTEE AND AFS FISH
HEALTH SECTION

APPLYING RESEARCH:
BRIDGING THE GAP
BETWEEN AQUATIC
ANIMAL HEALTH
RESEARCH AND
INSPECTIONS

JULY 12TH – 15TH, 2021
HILTON LAKE CHAMPLAIN
BURLINGTON, VERMONT



Tentative Schedule at a Glance:

July 12th & 13th

- NEFHC Meeting
- NEFHC Fish Culture Chiefs Meeting
- FHS EXCOM Meeting

July 13th

- FHS Continuing Education Course (TBD)
- Icebreaker Opening Social

July 14th – 15th

- Special Sessions
 - “Fish Health Research/Topics in the Northeast US”
 - “Current Status of Fish Health Regulations and Testing Criteria for Aquatic Animal Movements in the Northeastern US & Canada”
- General Sessions and Case Study Reports
- Poster Session
- FHS Business Meeting
- Banquet