

Fish Health Section



FHS NEWS – January 2025

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

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

Fish Health Section on LinkedIn: Please join our newest social media network at LinkedIn Login, Sign in or search for us and ask to join.

Fish Health Section Twitter feed: @AFSFishHealth

Welcome to our newest and returning members: Ben Americus, Jessica Best, Corey DeBoom, Marlis Douglas, Joseph Kingsbury, Ellen Martinsen, Han Rogers, Esteban Soto, and Mick Walsh. It's a new year, don't forget to renew your memberships in AFS and the FHS at <https://fisheries.org/membership/>.

2025 AFS-FHS Elections

The 2025 AFS-FHS Elections will be coming up before we know it! We are hoping to get an early start on the nominating process by encouraging members to begin thinking of potential candidates for important FHS positions. The Nominating and Balloting Committee is seeking nominees for Vice President and positions on three elected committees (e.g. Nominating and Balloting, Policy/Position Development, and Professional Standards).

The nomination period will be open until early April with a formal call for nominations coming in late February/early March, but if you already have someone in mind for any of these positions, please email nominations to Amber Johnston (amber.johnston1@maine.edu). Self-nominations are also accepted! Don't miss out on the opportunity to give back to your favorite AFS Section - every nomination is helpful. We couldn't do the things we do without our volunteers!

Note: All nominees must be Fish Health Section members in good standing. Nominees for the Professional Standards Committee must be a Certified Fish Health Inspector, a Certified Fish Pathologist, or a Doctor of Veterinary Medicine. More information on these positions can be found on the FHS website. <https://units.fisheries.org/fhs/about/by-laws/>

Professional Standards Committee Update

Joe Marcino's position as Secretary for the Professional Standards Committee included organizing our Fish Pathologist (FP) and Aquatic Animal Health Inspector (AAHI) applications. The FHS is currently working to assist in collecting and reviewing all application material Joe may have received prior to his unfortunate passing. If you have recently applied for the FP or AAHI certifications and have not received final approval, please contact Wade Cavender (wadecavender@utah.gov) to review and discuss application status.

Searching for 1st, 2nd, 3rd Editions of the AFS FHS Blue Book

The Archive Committee is looking for early editions (prior to 1994) of the Blue Book to preserve and clarify how our current web based Blue Book came to be. If you have one of these editions and are willing to share it, we will digitize it and return it to you. Or you can donate it to us so that we may archive it at the D.C. Booth Historic National Fish Hatchery and Archives.

Please contact any member of the Archive Committee if you can help!

Matt Stinson mstinson@nwifc.org
Susan Marcquenski smarcquenski@yahoo.com
Beth Peterman aep9@msstate.edu

S.F. Snieszko Distinguished Service Award Nomination Announcement



The Awards Committee would like to solicit nominations for the S.F. Snieszko Distinguished Service Award (SDSA). The SDSA is the highest award presented by the Fish Health Section. This award is presented for the purpose of honoring individuals for outstanding accomplishments in the field of aquatic animal health. This is a career award and while it may be given to more than one individual in a year, it is not necessarily awarded every year.

Because this is a career award, candidates should have a significant number of active years in science within the finfish or shellfish health field as well as significant accomplishments which are not limited to but may include a significant number of publications, a significant number of secured grants for grad student thesis projects, administration of a successful lab, a major discovery in the field of finfish or shellfish health, and/or previous recognition by other professional societies or committees. More information about the award and previous recipients can be found [here](#).

If you wish to nominate an individual for the SDSA please send nomination packages (see requirements below) to the Awards Committee Chair (Heather Walsh, hwalsh@usgs.gov) by March 14, 2025. Awards recipient(s) will be honored at the Annual Fish Health Section Meeting.

Individuals must be nominated by a current FHS member and packages must include:

1. Six letters of recommendation from fish health professionals that support the nominee's dedication to research, teaching and/or service to the field of aquatic animal health.
2. The nominee's curriculum vitae.
3. A general letter of recommendation by the primary nominator who must be a current FHS member.

Additional guidance can be found on page 21 of the [FHS Procedures Manual](#). Feel free to contact members of the Awards Committee with questions.

Awards Committee

Heather Walsh, Chair hwalsh@usgs.gov
Danielle Van Vliet, Member dvan@utah.gov
Eileen Henderson, Member eehenderson@ucdavis.edu

Special Achievement Award Nomination Announcement



The Awards Committee would like to solicit nominations for the Special Achievement Award. The award is presented to a Fish Health Section member or group that has made a significant accomplishment or advancement in the field of fish health. The award is for a one-time accomplishment and may be given for: (1) a unique contribution to the fish health field (such as a new diagnostic tool, a new technique to control disease, etc.), (2) a significant research accomplishment, or (3) outstanding leadership in resolving a major aquatic animal health problem. Please click [here](#) to view past recipients of this award.

If you wish to nominate an individual for the Special Achievement Award, please send nomination packages (see requirements below) to the Awards Committee Chair (Heather Walsh, hwalsh@usgs.gov) by March 14, 2025. Awards recipient(s) will be honored at the Annual Fish Health Section Meeting.

Individuals must be nominated by a current FHS member and packages must include:

1. The accomplishment.
2. The significance of the accomplishment to the field of fish health.
3. Implication of the accomplishment to aquaculture (local, regional, national, or worldwide).

Copies of any articles or supporting documents related to the work should be included in the nomination package. Nominations for the Special Achievement Award should be made within one year of the accomplishment. Additional guidance can be found on page 23 of the [FHS Procedures Manual](#).

Feel free to contact members of the Awards Committee with questions.

Awards Committee

Heather Walsh, Chair
Danielle Van Vliet, Member
Eileen Henderson, Member

hwalsh@usgs.gov
dvan@utah.gov
eehenderson@ucdavis.edu

MEETINGS, WORKSHOPS & COURSES



REGISTRATION

IS OPEN

■ **March 17-21, 2025** ■

AMWAY GRAND PLAZA
Grand Rapids, Michigan

\$485
Early bird

Contact
Information |

EFHW.org/registration

Eastern Lake Ontario Invasive Species Symposium

June 12th, 2025 at SUNY Oswego

with optional pre-symposium workshops on June 11th, at SUNY Oswego Rice Creek Field Station

Save
the
Date



**INVASIVE SPECIES
MANAGEMENT**

SAINT LAWRENCE
EASTERN LAKE ONTARIO
SLELO PRISM

[View as Webpage](#)

Call For Abstracts & Exhibits

SLELO PRISM is inviting abstracts for presentations and requests for exhibits to be held at our Eastern Lake Ontario Invasive Species Symposium on June 12th, 2025, at SUNY Oswego's Sheldon Ballroom in Oswego, NY.

The Symposium provides an opportunity to share your expertise, connect with field professionals, and expand your knowledge of invasive species management. This is a free event that is well attended attracting invasive species management and conservation professionals from state and non-state agencies as well as the public.

This year's theme is Adaptive Approaches for Terrestrial and Aquatic Invasive Species Management, with a focus on Traditional Ecological Knowledge (TEK), Climate Change, and Restoring Biodiversity.

Submission categories include a 20-minute presentation, a lightning round presentation, an exhibit, or poster.

The deadline for submission is 11:59 PM on Sunday, February 23rd, 2025. Early submissions are highly encouraged, as reviews will be conducted on a rolling basis.

[Submit an Abstract or Exhibit Request](#)

[View Past Symposium Speakers & Agendas.](#)

Contact for Questions

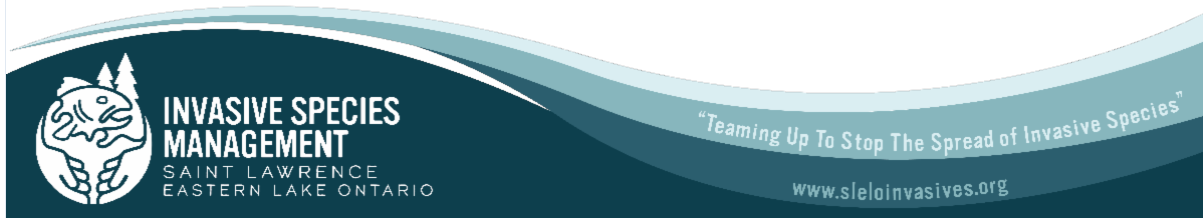
Megan Pistolet-Shaw
SLELO PRISM

Education, Outreach, and Communications Coordinator

megan.pistolet@tnc.org

315-522-1258

sleloinvasives.org



Ecology of Infectious Diseases in a Changing Ocean Course

I would like to invite you to apply to our [3-week graduate-level workshop on the ecology of infectious diseases in a changing ocean](#) at the Friday Harbor Labs, in Washington state, USA, from June 11- July 2, 2025. This course will be led by Maya Groner, and focus on learning lab, field and some modeling techniques for studying marine diseases. The approach is very hands-on (numerous field trips, and labs) and will include guest lectures from many leaders in this field (Drew Harvell, Eileen Hofmann, Colleen Burge and more). We will use eelgrass wasting disease as a model system for learning many concepts of marine disease ecology, but the lessons will be applicable to many disease systems.

Graduate students, postdocs, and exceptional undergrads and post-baccs are encouraged to apply. We have substantial scholarship funding available to offset costs. The application deadline (for priority consideration) is Feb 1.

Please reach out to Maya Groner (mgroner@bigelow.org) if you have any questions.

JOBS/GRADUATE ASSISTANTSHIPS

Open Rank Professor of Microbiology / Director of Aquatic Animal Health Lab

Oregon State University

Corvallis, OR

Link: <https://jobs.oregonstate.edu/postings/164010>

The faculty member in this position will direct the John Fryer Aquatic Animal Health Laboratory (<https://aahl.microbiology.oregonstate.edu/>), establish and sustain an independent research program by conducting original research in an area of microbiology related to climate change and aquatic animal health through external funding, publishing original research in peer-reviewed journals, teaching and mentoring graduate, professional, and undergraduate students; and providing institutional and professional service including service related to interdisciplinary scholarship, student success, and diversity. We are especially interested in candidates with research programs focused on bacterial or viral impacts on aquatic animal health.

This position is joint between the College of Agricultural Sciences and the College of Science. At OSU, we have an institution-wide commitment to diversity and multiculturalism, and we are intentional about providing a welcoming atmosphere and inclusive professional opportunities.

Please see attached .pdf for more information.

Faculty Research Assistant – Aquatic Animal Health Laboratory Manager

Oregon State University

Corvallis, OR

Link: <https://jobs.oregonstate.edu/postings/163587>

We are hiring a manager for the J.L Fryer Aquatic Animal Laboratory here at Oregon State University. We are looking for someone who is passionate about fish or aquatic invertebrate health who has experience with mechanically complex rearing or holding facilities, and enjoying working with researchers. The facility is located on the eastern edge of Corvallis (<https://aahl.microbiology.oregonstate.edu/facility>) and houses some really cool fish research subjects along with wet, dry, isolation and BSL-2 laboratory facilities, a tool shop and conference and office space.

Research Associate

College of Veterinary Medicine at Mississippi State University

Gautier, MS

Link: <https://explore.msujobs.msstate.edu/en-us/job/508559/research-associate>

The College of Veterinary Medicine at Mississippi State University seeks a research associate to support marine health research at the MSU Gulf Coast Aquatic Health Lab, under the Global Center for Aquatic Health and Food Security. This position is based in Gautier, Mississippi, with periodic travel to Starkville, Mississippi.

The successful candidate will contribute to funded research projects focusing on marine animal and ocean health, including genomic epidemiology, virome/microbiome studies, genomics, molecular biology, bioinformatics, and environmental and marine animal sample collection and analysis.

Applicants must have a Bachelor's degree in animal science, biochemistry, biology, bioinformatics, marine biology, microbiology, molecular biology, veterinary science, virology, or a related field. A Master's degree in epidemiology, virology, molecular biology, genomics, bioinformatics, or a related

discipline with demonstrated expertise in aquatic animal health is preferred. Training or experience in marine animal health, molecular diagnostics, cell culture, or genomic techniques such as qPCR, genome assembly, transcriptome analysis, or phylogenomics is highly desirable. Additional expertise in high-performance computing (e.g., shell programming, Python programming, or artificial intelligence) and a strong record of scientific writing are also valued. The ability to collaborate effectively within a multidisciplinary team is essential.

The position is open until filled. More information can be found at MSU Jobs.

Job Number: 508559

Assistant/Associate Professor – Aquaculture and Fish Health Management

University of Idaho

Moscow, ID

Open until filled

Link: <https://uidaho.peopleadmin.com/postings/45913>

This tenure track assistant, tenure track associate or tenured associate professor will conduct research in the fields of Aquaculture and Fish Health Management, publish such research in refereed journals, present findings at professional conferences, write columns in trade journals, and write and submit proposals to extramural agencies to fund this work. Rank and tenure are negotiable based on how the candidate meets the criteria outlined in the college bylaws.

The incumbent is expected to teach approximately 6-8 credits per year at the undergraduate and graduate level according to the needs of the department and as directed by the department head, focused primarily on aquaculture and fish health. The incumbent will advise and mentor undergraduate and graduate students and supervise staff and postdoctoral fellows associated with the Aquaculture and Fish Health programs administered on-campus at the UI and within the Aquaculture Research Institute (ARI). The incumbent will provide oversight and supervision of the CNR Aquatic Animal Laboratory (AAL) and is expected to contribute to build a vibrant undergraduate program in aquaculture and fish health.

They are expected to develop collaborative relationships within the department, ARI, college and university, as well as with external entities in the Aquaculture and Fish Health fields. The incumbent is expected to participate in professional societies and conduct outreach and service activities such as workshops, grant and manuscript reviews, student recruitment, and other efforts that translate research findings to a diverse audience. They are expected to attend faculty meetings and participate in committees at the department, college and/or university level as directed by the department head and college Dean.

See attached .pdf for more details.

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.

Aquaculture and Fish Health Management faculty Position at University of Idaho

The Department of Fish and Wildlife Sciences in the College of Natural Resources at the University of Idaho is pleased to announce a tenure-track or tenured faculty position in the area of Aquaculture/Fish Health. The appointment may be tenure-track at the rank of Assistant Professor or Associate Professor, depending on qualifications and experience. The position will be a 9-month appointment with primary responsibilities in Research (45%), Teaching (45), Extension (5), and Service & Leadership Scholarship Outreach (5%).

Unit/Department Summary: The University of Idaho College of Natural Resources (CNR) is committed to disciplinary and interdisciplinary programs that integrate ecological, social and natural resource science and management systems. Our research, education and outreach sustain people and the land through innovative science, technology and leadership. We respect and are committed to learning about other ways of knowing and strive to embody the University of Idaho's land grant mission, especially its commitment to equity, diversity and inclusion. We seek staff and faculty who will contribute to our goal of increasing and maintaining the diversity of its student body, faculty, and staff to achieve U of I's land grant access mission and to support long-term, sustainable success of natural resources fields.

The University of Idaho, home of the Vandals, is Idaho's land-grant, national research university. From its residential campus in Moscow, U of I serves the state of Idaho through educational centers in Boise, Coeur d'Alene and Idaho Falls, nine research and Extension centers, plus Extension offices in 42 counties. Home to nearly 11,000 students statewide, U of I is a leader in student-centered learning and excels at interdisciplinary research, service to businesses and communities, and in advancing diversity, citizenship and global outreach. Learn more at uidaho.edu.

Position Description: This tenure track assistant, tenure track associate or tenured associate professor will conduct research in the fields of Aquaculture and Fish Health Management, publish such research in refereed journals, present findings at professional conferences, write columns in trade journals, and write and submit proposals to extramural agencies to fund this work. Rank and tenure are negotiable based on how the candidate meets the criteria outlined in the college bylaws.

The incumbent is expected to teach approximately 6-8 credits per year at the undergraduate and graduate level according to the needs of the department and as directed by the department head, focused primarily on aquaculture and fish health. The incumbent will advise and mentor undergraduate and graduate students and supervise staff and postdoctoral fellows associated with the Aquaculture and Fish Health programs administered on-campus at the UI and within the Aquaculture Research Institute (ARI). The incumbent will provide oversight and supervision of the CNR Aquatic Animal Laboratory (AAL) and is expected to contribute to build a vibrant undergraduate program in aquaculture and fish health.

They are expected to develop collaborative relationships within the department, ARI, college and university, as well as with external entities in the Aquaculture and Fish Health fields. The incumbent is expected to participate in professional societies and conduct outreach and service activities such as workshops, grant and manuscript reviews, student recruitment, and other efforts that

translate research findings to a diverse audience. They are expected to attend faculty meetings and participate in committees at the department, college and/or university level as directed by the department head and college Dean.

Required Qualifications:

- Ph.D. in Aquaculture, Fish Health, Fisheries, Biology, Natural Resources
- Must be a current tenure track associate professor to qualify for the rank and tenure status of tenure track associate professor.
- Must be a current tenured associate professor to qualify for rank and tenure status of tenured associate professor.
- Experience competing for external funding
- Experience publishing research in refereed journals
- Experience teaching undergraduate and graduate courses
- Experience interacting with individuals through course instruction, problem solving, communication, and relationship building

Preferred Qualifications:

- Experience teaching undergraduate and graduate courses
- Experience with verbal and written communication
- Experience in statistical analysis and interpretation of data
- Experience advising undergraduate students and mentoring graduate students

Open Rank Professor of Microbiology / Director of Aquatic Animal Health Lab

Apply here: <https://jobs.oregonstate.edu/postings/164010>

The faculty member in this position will direct the John Fryer Aquatic Animal Health Laboratory (<https://aahl.microbiology.oregonstate.edu/>), establish and sustain an independent research program by conducting original research in an area of microbiology related to climate change and aquatic animal health through external funding, publishing original research in peer-reviewed journals, teaching and mentoring graduate, professional, and undergraduate students; and providing institutional and professional service including service related to interdisciplinary scholarship, student success, and diversity. We are especially interested in candidates with research programs focused on bacterial or viral impacts on aquatic animal health.

This position is joint between the College of Agricultural Sciences and the College of Science. At OSU, we have an institution-wide commitment to diversity and multiculturalism, and we are intentional about providing a welcoming atmosphere and inclusive professional opportunities.

The Microbiology faculty consists of 11 tenure-track professors, 7 senior research professors, 4 instructors, and 5 advisors, and trains about 950 undergraduate majors (Microbiology and BioHealth Sciences) and 40 graduate students (Microbiology). Research interests encompass studies in the biology and pathogenesis of bacteria and viruses, microbial ecology and evolution, bioinformatics, microbial interactions, and environmental microbiology. For more information on Microbiology at Oregon State University see: <http://microbiology.science.oregonstate.edu/>.

The College of Science provides a core instructional role at OSU, supporting the ideals of learning, discovery, and engagement that are the foundation of a land-grant university. The College embraces instruction and research, in disciplines ranging from the physical to the biological sciences, that are based in unbiased inquiry and a dedication to discovery and innovation. The College of Science is committed to partnering with industry and public agencies to address some of the most compelling challenges of today and tomorrow.

The College of Agricultural Sciences is Oregon's principal source of knowledge relating to agricultural and food systems, and a major source of knowledge regarding environmental quality, natural resources, life sciences, and rural economies and communities worldwide. The College's areas of excellence are sustainable food systems, marine resources, environmental and human well-being, integrated systems biology and natural resource stewardship.

Both Colleges are the primary supporters of three of the university's world-class research centers, namely the Linus Pauling Institute, the Environmental Health Sciences Center, and the Center for Quantitative Life Sciences.

Position Description

Director of the John Fryer Aquatic Animal Health Laboratory (20%)

Oversight of the John Fryer Aquatic Animal Health Laboratory. Work closely with the facility manager to review opportunities and challenges. Recruit new users and further develop our outreach capacity to become a more visible resource

Scholarship and Research (50%)

Maintenance of an active, externally federally funded, independent research program focused on the biology and mitigation of bacterial or viral aquatic animal disease. Timely publication of research results in respected, peer-reviewed journals. Presentation of results at national and international scientific conferences and meetings. Maintenance of a research environment for training undergraduate and graduate students and post-doctoral associates.

Teaching and Advising (20%)

Participate in undergraduate teaching in areas of expertise or other aspects of microbiological and biomedical sciences, including online education. Training and advising of MS and PhD students. Direction of undergraduate students seeking research experiences. Supervise personnel in conducting research at the undergraduate, graduate, and/or postdoctoral levels.

Service (10%)

Participate on the graduate committees of students in Microbiology and allied programs. Participate in committees and faculty governance at the unit level. Participate in committees or provide other service at the college or university level. Participate in service to the profession, such as reviewing journal manuscripts and grant proposals, serving professional organizations, organizing conferences.

What you need for the position

- Ph.D. in Microbiology or related field.
- Relevant postdoctoral or postgraduate experience.
- Demonstrable proficiency or significant potential to obtain external research funding.
- Demonstrated ability to contribute to scholarly activities through refereed publications in, or relevant to, microbiology.
- Demonstrated ability to effectively communicate microbiology topics to varied audiences.
- Evidence of teaching, engagement, or research efforts that minimize barriers or consider equity and inclusion concerns.
- Tolerance for diverse ideas, including those different from one's own.

What you need for the position at the ranks of Associate or Full Professor:

- Demonstrated ability for excellence and leadership in research.
- Demonstrated ability to attract external funding to sustain a vigorous research program.

Preferred Qualifications for all ranks (Assistant, Associate, or Full Professor)

- Record of administrative or managerial experience
- Demonstrable ability or significant potential for teaching excellence and commitment

to student success that benefits the graduate and undergraduate students in microbiology and biohealth sciences.

- Research emphasis in bacteriology or virology.
- Record of collaboration or cooperation within a team structure.
- Record of collaboration with industry
- Effective written and oral communication skills.

Preferred qualifications at the ranks of Associate or Full Professor:

- Demonstrated ability to attract research funding from varied sources.

Required Application Materials:

How the candidate has embedded the values of inclusive excellence and belonging into their past work experience, and how these values will be incorporated into their future professional life, should be captured throughout the application materials.

When applying you are required to attach the following electronic documents.

1) A current CV

2) A cover letter (up to 3 pages), which should:

- Indicate how your qualifications and experience have prepared you for this position, including how you meet each of the attributes listed in the What You Will Need section of this posting
- Include a statement on your philosophy to open-mindedness for diverse ideas within the academy including those different from your own. This statement should also include a commitment to free inquiry based on evidence and criticism. These statements must be included for your application to be considered for the position.

3) A statement of current and proposed research interests (up to 3 pages)

4) A statement of teaching philosophy, experience, and interests (up to 2 pages).

5) Names, email addresses, and telephone numbers of three referees.

For additional information please contact:

Dr. Stephen Giovannoni

steve.giovannoni@oregonstate.edu

1 541 737 1835

OSU commits to inclusive excellence by advancing equity and diversity in all that we do. We are an Affirmative Action/Equal Opportunity employer, and particularly encourage applications from members of historically underrepresented racial/ethnic groups, women, individuals with disabilities, veterans, LGBTQ community members, and others who demonstrate the ability to help us achieve our vision of a diverse and inclusive community.