



# Fish Health Section



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

## MEETINGS, WORKSHOPS AND COURSES

### Fish Health and Necropsy Workshop

Reynoldsburg, Ohio

November 9, 2018

The Ohio Aquaculture Association Announces in cooperation with the Ohio Department of Agriculture, a special workshop for veterinarians and veterinary students to educate individuals on introductory fish health and necropsy techniques to allow them to provide basic services to the aquaculture industry, such as collecting specimens for testing, identifying common fish diseases, prescribing drugs, providing proven biosecurity BMP information, etc. The workshop will provide attendees hands-on sessions on fish necropsy and specimen collection as well as presentations on veterinary feed directives fish (VFD's), aquatic biosecurity, importance of water quality, common diseases, and specimen submission procedures.

To register:

**By CC: email** ohioaquaculture@gmail.com to request invoice

Please include name, indicate veterinarian or student, phone number, and email where you would like invoice sent

**By Check:** make check payable to the Ohio Aquaculture Association with Vet.

Workshop on memo line and send info. above to:

Ohio Aquaculture Association, Attn.: Alycia Brehm

8120 Wesley Chapel Rd., West Liberty, OH 43357

See the attached flyer for more information.

### Gill Health Symposium for Marine Fish

Zhongshan Park, Singapore

November 21-23, 2018

We are proud to announce the first international **Gill Health Symposium for Marine Fish** hosted by the Universities of Sydney, Auckland and Bergen. This 3-day symposium will focus on the function and form of fish gills in the face of a changing ocean environment with emphasis on ocean warming and acidification. The symposium will bring together scientists with expertise in a variety of disciplines such as marine biology, ecology, ecophysiology, environmental chemistry, aquaculture and fisheries.

**The target audience for the symposium are scientists from university, government and private sectors and managers from aquaculture and fisheries industries.**

Applications will be reviewed from **1 May 2018**. Priority will be given to early and mid career researchers (<10 years from PhD award) and those residing in developing countries. Maximum capacity is 30 people.

The **goal** of the symposium is to create small teams of discipline experts to co-author topic reviews to be submitted as part of a special research topic in ***Frontiers of Marine Science***.

**Applications open 1 April 2018. To apply, go to: <http://sydney.edu.au/science/life-environment/research/gill-health-symposium.shtml>**

**Applications should include:**

- short cv (4 pages max.)
- letter of support from your Department Head, Director or relevant supervisor
- statement addressing (1 page max.) current research program and career interests
- statement addressing (1 page max.) your willingness to contribute and support the goals of the Gill Health Symposium

**For more information, please see the attached flyer and/or email: Associate Professor Joy Becker, [joy.becker@sydney.edu.au](mailto:joy.becker@sydney.edu.au)**

## **JOBS/GRADUATE ASSISTANTSHIPS**

### **Extension Specialist – Fish Health**

**Auburn University**

**School of Fisheries, Aquaculture and Aquatic Sciences**

**Greensboro, Alabama**

**The School of Aquaculture, Fisheries and Aquatic Sciences (SFAAS)** at Auburn University invites applications for a position at our Alabama Fish Farming Center (AFFC) in Greensboro. It is a non-tenure-track, 12-month faculty position with the title Extension Specialist; however, responsibilities are 50% extension and 50% research. The position is supported by the Alabama Cooperative Extension System (ACES) and the Alabama Agricultural Experiment Station (AAES). The incumbent will be a member

of the ACES Aquatic Resources Program Priority Team and must maintain a current AAES Hatch project.

**Responsibilities:** The primary extension responsibility will be disease diagnostic services for catfish farmers. The primary research responsibilities will be fish health questions of importance to the Alabama catfish industry. The successful candidate will interact with AFFC staff, members of the Southeastern Cooperative Fish Parasite and Disease Project (located in SFAAS), and other fish health and aquaculture specialists to develop a vibrant diagnostic program and relevant, extramurally funded, research program.

**Qualifications:** A PhD in an appropriate field or a DVM is required. Research experience with aquatic animals and two years of experience (staff, postdoctoral, or faculty) in diagnosis of fish diseases are also required. Experience in extension or outreach with fish farmers, a publication record in extension, and a publication record in aquatic animal research are desirable. The successful candidate must possess excellent interpersonal skills, communication skills, and organizational skills. They must also meet eligibility requirements for work in the United States at the time the appointment is scheduled to begin and continue working legally for the term of employment.

**Application:** Applicants must apply for the position electronically through: <https://aufacultypositions.peopleadmin.com/postings/search> and submit the following: 1) cover letter addressing the candidate's experience pertinent to the responsibilities of the position, 2) Curriculum vitae, 3) Reprints of up to three research publications and 4) Reprints of up to three extension publications. When prompted during the on-line application process, please provide names, phone numbers and email addresses of three professional references. Only complete application materials will be considered. Active review of applications will begin October 1, 2018 and the search will continue until the position is filled. Questions about the position should be directed to:

Dr. Cova Arias  
Search Committee Chair  
School of Fisheries, Aquaculture and Aquatic Sciences  
203 Swingle Hall  
Auburn University  
Email: [ariascr@auburn.edu](mailto:ariascr@auburn.edu)  
**Auburn University is an EEO/Vet/Disability Employer**

**Aquatic Animal Health Postdoctoral Research Scholar**  
**University of California Davis**  
**School of Veterinary Medicine**  
**Davis, California**

**Location:** UC Davis School of Veterinary Medicine

**Description:**

A post-doctoral research scholar position is available at the University of California at Davis, Aquatic Animal Health Laboratory based at the UC Davis School of Veterinary Medicine.

The successful candidate will have access to state-of-the-art facilities that investigate fish health focusing on infectious diseases. Self-motivated, scholars that demonstrate passion for research and a comprehensive working knowledge of common *in vivo* and *in vitro* laboratory techniques in the field of fish virology, fish immunology and fish bacteriology are encouraged to apply. A PhD in a relevant field and a strong publication record is required. Fluency in English is essential.

Successful candidates will benefit from a dynamic and highly collaborative environment and the opportunity to interact with the extended scientific community at UC Davis, which ranks among the top 10 public research universities in the US, and will be encouraged to present their research at national and international meetings.

**Qualifications:**

Applicants must be capable of designing and conducting experiments independently, writing manuscripts and fellowship grant applications, and presenting their research at scientific meetings. The ideal applicant should be highly motivated, be able to interact with other scientists and have expertise in infectious diseases and immunology.

Experience in cell culture, molecular biology, vaccine generation and gene expression is highly desirable. Prior work should demonstrate a comprehensive working knowledge of common laboratory techniques. A PhD in a relevant field is required. Position level and salary are commensurate with experience and qualifications.

**SALARY:**

Salary and benefits are consistent with UC Davis policy and are commensurate with applicant experience. As reference, salary for a 1st year Postdoc is \$49,188 with full benefits.

**How To Apply:**

To receive fullest consideration, applications must be received by October 31, 2018. Candidates should submit the following items as a single PDF directly to Dr. Soto at [sotomartinez@ucdavis.edu](mailto:sotomartinez@ucdavis.edu)

1. NIH format Biosketch  
(fellowship version: <https://grants.nih.gov/grants/forms/biosketch.htm>)
2. Concise statement of past and future research interests (1pg)
3. At least two letters of support (or names and contact information for requesting the letters, one reference should be from the Ph.D. advisor).

See the announcement attached to the FHS newsletter email.

## RESOURCES/NEWS

### Aquatic Animal Drug Approval Partnership (AADAP) Update: Vol. 2, No. 9 September 2018

#### AADAP's New Branch Chief!

The AADAP program is excited to announce that Dr. Marilyn “Guppy” Blair has accepted the position as Branch Chief of the AADAP Program. Guppy has been serving as Acting Branch Chief since April 2018, and brings over 21 years of fish health experience to the AADAP Program. Please join us in welcoming Guppy to the AADAP team!

#### INAD Program Accomplishments

AADAP’s INAD Program has reviewed the 2017 INAD studies and compiled information to share. The 2017 INAD Program had 232 investigators enrolled who participated in 16 INADS held by the USFWS in 2017. A breakdown of the type of facilities that conducted these studies includes 121 state facilities, 48 private facilities, 45 federal facilities, 9 tribal facilities, and 9 universities. A total of 731 INAD studies were completed and involved approximately 31.3 million fish. Over 73 different species, including marine species, game fish, minnows, and threatened and endangered species, were treated under USFWS INADS in 2017. These studies show that the INADs are safe, effective, and ultimately result in more fish stocked for fishing, restoration, or commercial harvest.

#### DRIBS Update

Interested in what our Research Program has been up to? Check out the [AADAP website](#) to see the newest Drug Research Information Bulletins (DRIBS), which briefly summarize (1-2 pages) studies that the AADAP Research Program has recently conducted.

#### Aquaculture 2019

As a reminder, AADAP is planning to co-host a special session with the AFWA Drug Approval Working Group (DAWG) at the Triennial Aquaculture 2019, to be held in New Orleans, Louisiana, on March 7th-11th. The session to look for is the Aquatic Drug Needs Surveys and Research Updates. If you are interested in being a part of this session, please contact [Marilyn “Guppy” Blair](#) for more information.