



Fish Health Section



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

FHS NEWS

REMINDER!! - please bookmark the new FHS website! We still have not been able to take down the old FHS website which is outdated and inaccurate.

CALL FOR VOLUNTEERS

Website Editor

The Section Communications Committee is looking for a volunteer to serve as the website editor. The main duties of the website editor are to maintain and update the FHS website on a periodic basis. More specific information can be found in the FHS Procedural Manual: https://units.fisheries.org/fhs/wp-content/uploads/sites/30/2019/09/FHS_Procedures_Manual_2019_revised_final.pdf.

The parent AFS can provide training for updating the website through WordPress and has a number of tutorial videos for additional learning. This is a perfect position for anyone interested in becoming more involved with the FHS. If you are interested, please contact Ben LaFrentz via email at benjamin.lafrentz@usda.gov.

QA/QC Committee Update

The AFS/FHS Committee for Quality Assurance is pleased to announce that two additional laboratories have successfully completed the requirements for Tier 1 recognition. The USFWS Fish Health Centers at LaCrosse, WI and Warm Springs, GA have been added to the list of 12 labs across the U.S. which have taken the important first step in setting up quality assurance practices and standards. Congratulations to all!

In addition, the first laboratory to apply for the new Tier 2 level (recognition) will be conducting an internal audit under USDA coaching and supervision this fall. For more details on the Quality Assurance program, go to the Fish Health Section Website, or contact the chairman at wetvet53@gmail.com.

MEETINGS, WORKSHOPS AND COURSES

AFS-FHS and Northeast Fish Health Committee Joint Meeting
June 22-26, 2020
Burlington, VT

See attached announcement for details.

JOBS/GRADUATE ASSISTANTSHIPS

Sr Technical Consultant

Link: <https://careers.lilly.com/job/charlottetown/sr-technical-consultant/410/13220732>

City Charlottetown

State / Province Prince Edward Island

Region North America

Country Canada

Responsibilities Based in the Maritimes (PEI, NB, NS) or BC; supporting Maritimes, NL, BC, Maine and Washington State
Workplace scope: CAN/US/Virtual

Apply extensive technical expertise and industry knowledge to create value for Elanco Aqua customers in North America. Provide best-in-class support to customer operations, including technical services for Elanco Aqua portfolio (vaccines and pharmaceuticals), and knowledge in salmonid production and disease management. Inform and support Elanco's long-term business strategy to address unmet market needs, alongside Innovation, Research & Development (R&D) and Global Technical Services. Collaborate closely with Key Account Managers (KAM) and Marketing to meet Elanco's financial and strategic goals.

Knowledge excellence and customer-centric technical services program

- Demonstrate strong knowledge in fish production, diseases affecting economic and welfare goals, population medicine, epidemiology, fish medicines, data management and analysis. Serve as a technical advisor to customer personnel.
- Demonstrate technical and scientific proficiency in all Elanco Aqua products and capabilities, and ensure that technical information and service offering is presented to customers in the most efficient manner; provide timely and scientifically robust technical advice and services to address customer challenges.
- Deliver best-in-class technical support to customers: oversee administration of Elanco Aqua vaccines and pharmaceuticals and remove barriers for product adoption; develop best practices for product use and support their

implementation in collaboration with customers.

- Conduct fieldwork and technical assessments, generate/collect and analyze data to monitor Elanco Aqua portfolio performance, as well as ensure correct use and placement of Elanco products.
- Organize and conduct training on Elanco Aqua products, disease state and industry practices; prepare technical materials and presentations for internal and external audiences.
- Understand customer needs outside of disease management (e.g., operational, financial, welfare, sustainability, regulatory and marketing drivers) and identify avenues to deliver value beyond product. Continually improve technical support and offering to the benefit of customers.
- Ensure presentation of product data in scientific meetings and publication in peer reviewed journals.
- Represent Elanco in national and international industry events.

Product stewardship and innovation

- Work effectively in a matrix organization through close collaborations with KAMs, Technical Consultants from all Aqua regions, Customer Service, Marketing, Pharmacovigilance, Innovation, R&D, Business Development/Lead Finding and other cross-functional teams.
- Drive market and competitive insights for Elanco Aqua (e.g., disease state, advancements in research/innovation, industry trends and competitor innovation).
- Develop and maintain strong relationships with CROs, academia and researchers. Support commercial and marketing strategy by taking part in grant proposal development and submission.
- Conduct field and laboratory technical trials with Elanco products; lead or support trial design and execution in collaboration with Innovation, R&D and Global Technical Services.
- Contribute technical expertise and customer insights on new product development and life cycle management of Elanco Aqua portfolio.
- Aide in the planning and preparation of new product launches, as well as brand planning exercises.

Account management support

- Build strong and enduring business partnerships/relationships with decision makers in key accounts, as well as other industry stakeholders. Develop robust network within key accounts, including at technical, production and senior management levels.
- Support KAMs in preparing technical service offerings and updating key account plans; support sales activities by providing specialized technical and scientific expertise.
- Other duties/responsibilities as they arise from time to time.

Key Performance Indicators

- Achievement of target annual sales for the region.
- Customer satisfaction with the execution of Elanco's annual technical service program.
- Solid customer and industry stakeholder relationships.
- Support to Elanco's product stewardship and innovation activities.
- Full compliance with Elanco's policies, values and behaviors.

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Basic Requirements : Education and Experience

- Preference for candidates holding a Veterinary science / biology degree / appropriate science degree; competencies in trial execution, statistics/data analysis is an advantage.
- >7 years of work experience in the field of aquaculture – animal sciences, fish pathology, fish health management and/or fish farming.
- Thorough understanding of the fish farming industry, fish health challenges and other drivers of customer profitability.
- Experience in design and/or execution of field and/or lab trials.
- Strong interpersonal skills and exemplary team work ethic.
- Ability to multitask and work effectively within cross-

functional teams.

- Business acumen and strategic planning skills.
- Solid analytical thinking, problem solving, and decision-making skills. Strong resilience.
- Strong communication and presentation skills, and capable of adapting styles to suit different audiences.
- Ability to interact with and influence Senior Management, peers, and other functions.
- Highly skilled with Microsoft Office (Word, Excel, PowerPoint). Experience with CRM software.
- Ability to travel 50% or more of the time and work effectively remotely.

Additional Information

Lilly will conduct, at its own expense, background search (including verification of educational credentials, contacting three of your personal references) of the successful candidate.

Eli Lilly Canada is committed to employment equity. We encourage applications from qualified women, members of visible minorities, Aboriginal peoples, and persons with disabilities.

Candidates must be legally eligible to work in Canada. Eli Lilly Canada does not sponsor work permits or other employment visas.

Farm Manager Clear Springs Foods, Inc.

See attached pdf for full job description

Link: <https://clearsprings.applicantpro.com/jobs>

This is a full-time position located at a Clear Springs Foods, Inc. farm location. This person must have the demonstrated ability to supervise and lead while at the same time function as a member of the team. The successful applicant will possess exceptional communication skills and business acumen, be experienced in fish husbandry and management of production operations. An understanding of the principles of production-based health practices and quality assurance is imperative. Clear Springs Foods, Inc. is an employee owned company that is fully vertically integrated, controlling all aspects of its food business from inception to market.

Research Microbiologist/Research Molecular Biologist Department of Agriculture/Agricultural Research Service Stuttgart, AR

Link: <https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.usajobs.gov%2FGetJob%2FViewDetails%2F547398300&data=02%7C01%7C%7C2320145fa99043fb540408d7467fcc82%7Ced5b36e701ee4ebc867ee03cfa0d4697%7C0%7C0%7C637055387094937299&odata=TaaS9t9yoUM63%2F32zzuDwVa68sCquhRCqdQ5HdmH8I8%3D&reserved=0>

RESOURCES/NEWS

IN MEMORIAM



Covadonga (Cova) Rodrigues Arias, 1970–2019

Covadonga (Cova) Rodrigues Arias passed away on July 27, 2019, in Auburn, Alabama, at the age of 49. She is survived by her husband Ash Bullard, her sister Marta Rodriguez (spouse Pepe Miñarro), and niece Marta Miñarro.

Cova was born on June 23, 1970, in Valencia, Spain, to Mario Rodriguez and Maria Amparo Arias. She earned her bachelor's degree in biochemistry in 1993 followed by a doctoral degree in microbiology, with highest honors for both, from the University of Valencia. She began her research career in 1998 at the National Institute for Agricultural and Food Research and Technology in Spain followed by the University of Florida's Institute of Food and Agricultural Sciences in 1999. In 2002, she was hired as a tenure-track professor at the School of Fisheries, Aquaculture and Aquatic Sciences (SFAAS) at Auburn University. As her career advanced, she was tenured and promoted as full professor and assistant director of the SFAAS and served as the director of the Southeast Cooperative Fish Parasite and Disease Laboratory.

Cova's demeanor was described by colleagues as compassionate, gentle, selfless, dedicated, loyal, honest, and unassuming. She imparted her knowledge to many through teaching courses, workshops, presentations, training modules, and numerous peer-reviewed journal articles. Throughout her career, she mentored over 50 graduate students, as major professor or as a committee member, from many different countries. Cova's outstanding research brought her, her students, and Auburn University both national and international recognition. Some of her research was featured on the cover of the September 2013 Applied and Environmental Microbiology

journal. She was elected a charter member of the Food Systems Initiative at Auburn University, served as chairman/organizer of the Fourth International Conference on Members of the genus *Flavobacterium*, and had been a research fellow at the University of Ghent, Belgium. She was the recipient of the Extraordinary Doctorate Award from the University of Valencia, Spain, for the best PhD thesis in microbiology; a New Faculty Scholar Award from the Biggio Center at Auburn University; and a Dean's Grantsmanship Award from the Auburn University College of Agriculture. Since 2002, Cova was an active and valued member of the American Fisheries Society–Fish Health Section, in which she served in many capacities, including chair of the Technical Standards Committee, co-chair of the Handbook Revision and Oversight Committee, special ad-hoc committees, and the Executive Committee. She was also an associate editor for the Journal of Aquatic Animal Health from 2014 to 2019.

Cova lived on a farm she built with her husband Ash. She had a passion for horses and dogs, and she cherished the time spent with her dogs Buddy and Bella, her horse Tristan, and her mule Kate. With her death, the fish health community has lost an outstanding scientist as well as an advocate on behalf of her students and colleagues.

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