



International Association for Aquatic Animal Medicine

IAAAM News

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MESSAGE FROM THE IAAAM PRESIDENT

There is a traditional saying “As iron sharpens iron, so does one person sharpen another”. I think this is very true of our profession of aquatic animal medicine. The people we surround ourselves with, our colleagues and co-workers, make us better clinicians and scientists every day. Whether it be sharing new techniques, motivating our colleagues to start new projects, or supporting each other through complicated cases. Nowhere is this more true than during five days of the year in May, at the IAAAM Annual Conference. This year, our conference returns to US soil and the sunny shores the Gulf of Mexico in Tampa, Florida. The conference planning committee is working hard putting together a scientific program flush with innovative case reports, presentations on conservation research programs, workshops on coral health and pathology, and discussions on animal welfare. Your IAAAM board is busy planning future conferences, working to expand the reach of IAAAM, and making improvements to the organization for all members. Has your organization ever considered hosting an IAAAM conference? We are always looking for conference hosts and new cities to travel to for our annual conference. Please contact any board member for more information. We hope to see you in Tampa.

Katie Colegrove
President, International Association for Aquatic Animal Medicine



51st ANNUAL IAAAM CONFERENCE

CONFERENCE REGISTRATION

Registration is now open!! Registration includes access to all daytime sessions and evening events along with continental breakfast and breaks each day. New this year: lunch will be included with all registration options!!

Please register online by clicking this link or visiting [iaaam.org](http://www.iaaam.org):

<http://www.cvent.com/d/snqp03/4W>.

2020 Registration Fees			
Registration Option	Member	Non-Member	After May 10
Full Registration	\$500	\$600	+\$100
Student Full Registration	\$250	\$350	+\$100
Vet Tech	\$325	\$425	+\$100
Guest Adult	\$300		
Guest Child (4-13)	\$175		
Guest Child (3 & under)	FREE		
One Day Registration	\$225		
14th Davis-Thompson Foundation Marine Species Histopathology Workshop	\$120		
Defining Environmental Quality for Marine Mammals: Discussion and Microbial Ecology Workshop	\$175		
Coral Health Management Workshop	\$90		
Developing an Animal Care at End of Life Program Workshop	\$75		
Advanced Approaches in Marine Mammal Anesthesia Workshop	\$75		

IAAAM Cancellation Policy

A conference refund policy has been established by the IAAAM Board. All cancellations and request for refunds must be submitted in writing by:

- 90 days prior to the start of the conference for a 100% refund.
- 60 days prior to the start of the conference for a 75% refund.
- Up to the start of the conference for a 50% refund.

Refund applies to all fees paid including registration, workshops, meals and guest passes.

The refund will be issued within 2 weeks of receipt of the request by check or credit card refund (depending on original method of payment) to the person or agency that made the original payment.

DONATED AUCTION ITEMS

The Annual IAAAM Auction Night will be on Tuesday, May 19th and we are seeking donated raffle items. If you have something to donate, please contact the conference planner, Cindy Sherwood at sherwood@delaneymeetingevent.com, and she will give you the shipping instructions.

CONFERENCE AGENDA (DRAFT – SUBJECT TO CHANGE)

Saturday, May 16	
8:00 a.m. – 5:00 p.m.	Conference Registration
8:00 a.m. – 5:00 p.m.	Pre-Conference Workshops
9:00 p.m. – 4:00 p.m.	Board Meeting
9:00 a.m. – 5:00 p.m.	Sponsor & Exhibitor Set-up
6:00 p.m. – 9:00 p.m.	Icebreaker Event – Florida Aquarium (<i>transportation provided</i>)
Sunday, May 17	
	Breakfast (on own)
7:00 a.m. – 5:00 p.m.	Sponsor & Exhibit Showcase
7:00 a.m. – 7:00 p.m.	Conference Registration
8:00 a.m. – 8:30 a.m.	Welcome & Introductions
8:30 a.m. – 10:00 a.m.	Keynote Speakers
10:00 a.m. – 10:30 a.m.	Break with Sponsors & Exhibitors
10:30 a.m. – 5:00 p.m.	Scientific Sessions
12:30 p.m. – 1:30 p.m.	Lunch (on own)
2:30 p.m. – 3:00 p.m.	Break with Sponsors & Exhibitors
5:30 p.m. – 7:30 p.m.	Student Event – Location to be Announced
Monday, May 18	
	Breakfast (on own)
7:00 a.m. – 7:00 p.m.	Conference Registration
7:00 a.m. – 5:00 p.m.	Sponsor & Exhibitor Showcase
8:00 a.m. – 5:00 p.m.	Scientific Sessions
10:00 a.m. – 10:30 a.m.	Break with Sponsors & Exhibitors
12:00 p.m. – 1:00 p.m.	Lunch (on own)
2:30 p.m. – 3:00 p.m.	Break with Sponsors & Exhibitors
7:00 p.m. – 9:00 p.m.	Poster Session – Florida Aquarium (<i>transportation provided</i>)
Tuesday, May 19	
	Breakfast (on own)
7:00 a.m. – 4:00 p.m.	Conference Registration
7:00 a.m. – 12:00 p.m.	Sponsor & Exhibitor Showcase
8:00 a.m. – 12:00 p.m.	Scientific Sessions
10:00 a.m. – 10:30 a.m.	Break with Sponsors & Exhibitors
12:00 p.m. – 1:00 p.m.	Lunch (on own)
12:00 p.m. – 1:00 p.m.	Board Meeting
1:00 p.m. – 5:00 p.m.	Afternoon on Own
6:00 p.m. – 9:30 p.m.	Auction and Dinner – Zoo Tampa (<i>transportation provided</i>)
Wednesday, May 20	

	Breakfast (on own)
8:00 a.m. – 6:00 p.m.	Conference Registration
8:00 a.m. – 12:00 p.m.	Sponsor & Exhibitor Showcase
8:00 a.m. – 5:00 p.m.	Scientific Sessions
10:00 a.m. – 10:30 a.m.	Break with Sponsors & Exhibitors
12:00 p.m. – 1:00 p.m.	Lunch (on own)
2:30 p.m. – 3:00 p.m.	Break
6:00 p.m. – 7:00 p.m.	Cocktail Reception – Hilton Downtown Tampa
7:00 p.m. – Midnight	Banquet and Awards – Hilton Downtown Tampa

STUDENT TRAVEL AWARD WINNERS

This year, there were five recipients of the 2020 Student Travel Awards:

- **Erica Chang** - Veterinary Student, University of California Davis, “Genetic and Virulence Diversity of *Klebsiella pneumoniae* Recovered from Southern Sea Otters (*Enhydra lutris nereis*)”
- **Molly Martony** – Aquatic Animal Medicine Resident, University of Florida, “Establishing Ultrasonographic Criteria for Metastasis in the Superficial Cervical Lymph Nodes of Bottlenose Dolphins (*Tursiops truncatus*) with Squamous Cell Carcinoma”
- **Zachary Ready** – Veterinary Student, Purdue University, “Total Ear Canal Ablation and Lateral Bulla Osteotomy (TECA-LBO) for Successful Surgical Management of Otitis Media in Harbor Seals (*Phoca vitulina*)”
- **Michelle Rivard** – Aquatic Animal Medicine Intern, Mystic Aquarium, “Investigation of Prevalence, Predisposing Factors and Clinical Presentation of Megaesophagus in Stranded Phocids”
- **Izzet Saticioğlu** (International awardee) – Post-doctoral Fellow, Erciyes University, “Identification and Antimicrobial Susceptibility of the Possible Novel Flavobacterium Species Isolated from Farmed Trout”

Congratulations to each of these students! The Student Liaison Committee was highly impressed with the quality of student research that is underway, and we are all looking forward to the student award competition at the upcoming meeting in Tampa, FL.

STUDENT EVENT AT IAAAM CONFERENCE – MAY 17

This year, the annual Student Event will be held on Sunday evening, May 17th. Student members will rotate to different tables, at planned intervals, at which full IAAAM members will be stationed. Student members can bring questions with them, and there will also be activities and points-of-discussion at each table. The format will be similar to that of a panel discussion, but it will differ in terms of set-up and flow. We expect it will be an excellent opportunity for students to meet each other and get to know full members as well, in a casual, engaging, informative format. We will also be spending a portion of the evening working in groups through a simulation activity using clinical case scenarios. Light hors d’oeuvres will be served. All students are welcome and encouraged to attend! If full members are interested in a table station, please contact Ashley McGrew at Ashley.mcgreg@colostate.edu on or before April 1st.

MEMBERSHIP DUES REMINDER

The IAAAM is now accepting dues for the 2020 membership year. Dues remain the same as last year (\$85 for full members, \$45 for student members) and include membership through December 31, 2020. Don’t forget that being a member of IAAAM includes a discount for conference registration as well as access to other member services. Membership renewal by March 30, 2020 is required for discounted conference registration.

CALL FOR 2020 MEDWAY SCHOLARSHIP PROGRAM APPLICATIONS

The International Association for Aquatic Animal Medicine (IAAAM) recognizes a continuing need for the funding of research projects focused on aquatic animal medicine. IAAAM also recognizes the value and importance for students to gain solid scientific research training. To help fill these needs and to further promote involvement of students in aquatic animal medicine, the IAAAM has established the Medway Scholarship Program designed to support research experiences for students interested in pursuing careers in aquatic animal medicine.

The program is primarily intended for undergraduate, veterinary, and graduate students without stipends or other sources of funding. The purpose of the scholarship is to partially support the student for research experiences beyond that which they might experience with normal undergraduate classwork or a graduate/veterinary curriculum.

OBJECTIVES

- Provide students with exposure to sound research practices in the field of aquatic animal medicine beyond what is normally included as part of the undergraduate or graduate/veterinary curriculum.
- Encourage students to pursue post-graduate careers incorporating research in aquatic animal medicine.
- Encourage student participation in the IAAAM.

PROGRAM DESCRIPTION

The IAAAM Medway Scholarship Program provides scholarships of up to \$3,000 each to students who have been accepted to participate in a research project organized and funded by government, academic, private entities, a combination thereof, or by private consulting veterinarians in the aquatic medicine field. The sponsoring entity or individual must provide the student with at least a 10 to 12-week working exposure to research focused on aquatic animal medicine and must involve direct interaction with a current IAAAM member in good standing. Funding for the research activity must be provided by the sponsoring entity or individual. Scholarship awards are intended to support the student's personal expenses while participating in the funded research. Scholarship recipients will be required to present their research findings at a future IAAAM conference and will still be eligible for other IAAAM student awards.

Factors that are considered in selecting the scholarship recipient are briefly described below. They are not listed in any order of importance but are included to assist the applicant in preparing the application form and letter.

- Commitment of the applicant to a career in aquatic animal medicine as reflected in the applicant's letter of intent and curriculum vitae (CV).
- Applicant's grade point average/class rank.
- Quality, scientific merit, and duration of intended research. Applicants are encouraged to select research projects with established funding sources, clearly defined aims, and project timelines that will enable the student to complete the research during the allotted time period. Applicants are encouraged to pursue research activities at institutions with proven or established aquatic animal research programs. Project summaries detailing the planned research, aims, importance, methods, and funding sources will be judged for each applicant. Projects for which the budgeted work has already been completed are not eligible for consideration.
- Two (2) current letters of recommendation, one of which must come from a member in good standing of IAAAM.
- Financial needs of the student in addition to other available funding such as that provided by the institution providing the research opportunity.
- Previous recipients of the award are encouraged to apply; however, priority will be given to those who have not previously received the scholarship.

- **Application Submission Deadline: April 01, 2020.** Please submit completed applications to:
Dr. Allison D. Tuttle, IAAAM Education Board Member
c/o Mystic Aquarium
55 Coogan Blvd
Mystic, CT 06355
Email: atuttle@mysticaquarium.org
- Submissions can be sent either by mail or electronically, though **electronic is preferred**. Electronic submissions should be in **pdf format**. All materials must be received by **April 01, 2020**.
- Winners will be notified by May 2020 and recognized during the 2020 IAAAM Conference.

APPLICATION REQUIREMENTS

- Application form (download from IAAAM website: www.iaaam.org)
- Letter of intent detailing applicant's career goals and goals for the research activity.
- Two (2) letters of recommendation, one of which must come from a member in good standing of IAAAM
- Student's curriculum vitae (should include any other research experience with citations)
- Official school transcripts for currently enrolled institution only
- Letter of agreement from the principle investigator at the sponsoring institution, identifying the location and duration of the research project and its expected funding source(s)
- Student budget of estimated expenses (e.g. transportation, rent, meals) separate from direct research related expenses.
- Project Summary completed by student applicant: (3-page limit; single spaced; ¼-inch margins; 11-point Times, Times New Roman or Arial font).

Failure to adhere to these guidelines will result in disqualification.

Project Summary should include:

- Brief project abstract/overview
- Project aims/hypotheses
- Justification and literature review
- Materials and methods
- Significance to the field of aquatic animal medicine/health
- Research budget – including direct and indirect funding sources
- Research timetable
- Student's role in the project
- Mentor's qualifications

If live animals (including client/privately-owned animals) are used in any way in the project, the mentoring researcher must provide assurance that the planned research project has or will obtain full Institutional Animal Care and Use Committee (IACUC) approval.

Please see the IAAAM website for the application form. <https://www.iaaam.org/blog/2020/2/11/2020-medway-scholarship-information-and-application>

CAREER AND EDUCATIONAL OPPORTUNITIES

Aquatic Animal Veterinary Internship - SeaWorld San Diego

Date Needed: 5/4/2020

Location: San Diego, California, US

Requirement: DVM Experience Requirement: 1-2 years

BASIC JOB FUNCTIONS

- This position is intended to provide practical medical and surgical veterinary experience in the zoological field under the supervision of staff veterinarians.
- This is a one-year, limited duration position May 4, 2020 to May 3, 2021, potentially negotiable within reason) inclusive of health and welfare benefits.
- Enthusiastically represents SeaWorld by displaying a positive attitude, high level of energy and commitment to quality throughout all aspects of the job.

Principle Duties & Responsibilities

- Participate in all aspects of veterinary care at the park, including, but not limited to, annual exams, preventative medicine, surgeries, and emergency care for the collection and rescued animals.
- Assist veterinary staff in physical examinations and sample collection, routine/quarantine/emergency medical treatment, disease diagnosis, radiology, anesthesia, surgery, gross necropsy, and clinical pathology of aquatic and zoo animals as well as professional communication within a zoological setting.
- Participate in the rescue, rehabilitation, and release program for stranded marine mammals and sea turtles.
- Pursue one or more clinical or research interests and prepare the results for presentation to veterinary staff and at an appropriate professional meeting as well as for publication in the peer-reviewed literature.

Apply at: <https://www.seaworldjobs.com> Requisition # 9646, veterinary intern

Qualified applicants will be selected for an interview.

Science Operations Manager - The Seas Animal, Science and Environment

Join us as part of a dynamic team and science-based culture where our mission is to Lead Walt Disney Parks and Resorts to Care for animals and the environment, connect people to nature and Conserve our natural resources. Reporting to the Science Operations Director, this role will provide oversight and leadership for the Seas Science and Behavioral Husbandry programs and scientific input into the Animal Care Operation. The Seas-based Science team consists of The Science Operations Director, a Science Operations Manager, a Research Manager, three contract and two intern positions, as well as the Behavioral Husbandry Zoological Manager. In addition, the Seas Science Team is part of a larger, 28- person Science Team for all of Disney's Animals Science and Environment, with experts in behavior, endocrinology, cognition, behavioral husbandry, population biology, environmental monitoring and welfare. This position sits on the Seas Animal Care Leadership Team and is expected to have oversight for all internal and external research projects and collaborations as well as advise on scientific issues across teams and the aquarium field related to care and sustainability of aquatic animals.

To apply, visit [Disneyjobs.com](https://jobs.disneycareers.com/job/lake-buena-vista/science-operations-manager/391/15069900) <https://jobs.disneycareers.com/job/lake-buena-vista/science-operations-manager/391/15069900>

Associate Veterinarian – Mississippi Aquarium

The Department of Veterinary Services at Mississippi Aquarium is seeking applicants for an Associate Veterinarian. The Associate Veterinarian will provide clinical and preventative health services to the Mississippi Aquarium's resident animals including dolphins, birds, reptiles, amphibians, fishes, elasmobranchs, invertebrates, and other mammals. In the absence of the Vice President of Veterinary Services the individual will serve as primary clinical veterinarian. The individual selected will have a unique opportunity to aid in the development of a new veterinary program at Mississippi Aquarium. It is essential that the Associate Veterinarian work independently, efficiently, and collaborate with all other departments at the aquarium. The ideal candidate will represent Mississippi Aquarium in a positive light and be enthusiastic and committed to all aspects of the job. A competitive salary, full benefits, continuing education compensation, professional memberships, and MS state licensure are included in the compensation package.

Mississippi Aquarium's veterinary hospital will include digital radiography, ultrasound, rigid and flexible endoscopy, anesthesia capabilities, and an in-house diagnostic lab. The Animal Research Center (ARC) will have a satellite hospital to serve animals undergoing quarantine. In the future, the veterinarian may also provide support for rescue and rehabilitation efforts. There is potential for the Associate Veterinarian to perform clinical and/or field research depending on the individual's interest and skill level. The veterinary department at Mississippi Aquarium currently consists of the Vice President of Veterinary Services and one technician.

To apply please email the following to resume@msaquarium.org with the name of the job you are applying for in the subject line.

- CV
- Cover letter
- 2 letters of reference

Aquatic Animal Health Fellowship - UC Davis

This is a one-year program designed to train post-graduate veterinarians in the field of aquatic animal health. Specifically, this program will train candidates to integrate expertise in aquatic animal medicine into the broader fields of animal, human, and ecosystem health, through experiences from aquaculture, fisheries, public aquaria, companion animal medicine, academia and research. An additional goal of the fellowship program is to increase the diversity of veterinarians involved in aquatic animal medicine. Candidates are encouraged to address this and how their selection will help achieve enhanced diversity. This position is based in Davis, CA, but will require travel throughout California for specialized training. As directed by on-site collaborators, the fellow shares clinical, research and teaching responsibility for UC Davis aquatic animal health program, Monterey Bay Aquarium, CA Academy of Sciences, and HubbsSeaWorld Research Institute. Although most of the work will focus on teleost fish medicine, the fellow will gain experience from the diverse caseload consisting of elasmobranchs, reptiles, amphibians, invertebrates, avian and some marine mammal species housed or cultured in the different institutions or in collaborating laboratories or aquaculture farms

How to Apply: Immediate availability is desirable. To receive fullest consideration, applications must be received by March 1st 2020. Position is open until filled. E-mailed applications will be considered immediately. Interested applicants should submit 1) a letter of intent outlining special interest in the position, overall related qualifications and experiences and career goals; 2) curriculum vitae; and 3) the names and addresses of three professional references to: sotomartinez@ucdavis.edu

Please see IAAAM website for continuously updated educational and job opportunities.

The Newsletter of the International Association for Aquatic Animal Medicine is published four times a year (usually in January, April, August, and November). An annual conference is held every year in the spring and electronic proceedings from that conference are available online at www.iaaam.org. The International Association for Aquatic Animal Medicine is a nonprofit organization dedicated to advancing the art and science of aquatic animal medicine and health.

Newsletter submissions are welcomed, although the newsletter editor and the IAAAM board reserve the right to edit and/or refuse the publication of any submissions. Submissions should be made in WORD, without complex formatting. For submissions contact Julie Cavin, Newsletter Editor, at drcavin@gulfworldmarinepark.com

For membership information, including address changes, contact Hendrik Nollens at hendrik.nollens@seaworld.com

For dues information, contact Tonya Clauss at tclauss@georgiaaquarium.org

IAAAM EXECUTIVE BOARD

President: Katie Colegrove (katie.colegrove@gmail.com)
 President-Elect: Michael Briggs (mbriggs@ix.netcom.com)
 Past-President Michael Renner (rennervet@gmail.com)
 Treasurer: Tonya Clauss (tclauss@georgiaaquarium.org)
 Secretary: Cara Field (cara.field@gmail.com)
 Board – Membership: Hendrik Nollens (Hendrik.Nollens@SeaWorld.com)
 Board – Education: Allison Tuttle (atuttle@mysticaaquarium.org)
 Board – Communications: Julie Cavin (drcavin@gulfworldmarinepark.com)

IAAAM COMMITTEE CHAIRS

IAAAM Student Liaison:
 Ashley McGrew (Ashley.mcgreg@colostate.edu)
 Medway Endowment Committee:
 Allison Tuttle (atuttle@mysticaaquarium.org)
 Site Selection Committee:
 Sam Dover (sdoverdvm@cox.net)
 Nominations & Awards Committee:
 Marty Haulena (martin.haulena@vanaqua.org)
 International Relations Committee:
 Sarah Churgin (international_relations@iaaam.org)
 Conservation Committee:
 Joe Gaydos (conservation@iaaam.org)

HONORARY LIFE MEMBERS

Don Abt	Deke Beusse*
Greg Bossart*	Lanny Cornell
Larry Dunn	Joe Geraci*
Jack Gratzek	Ted Hammond*
Dave Huff	Jay Hyman*
Jim McBain	William Medway*
Sam Ridgway	Jesse White*
Bob Wright*	

*deceased