

# International Association for Aquatic Animal Medicine

# **IAAAM News**

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# **PRESIDENT'S NOTE**

Dear IAAAM Members,

I hope that you all are enjoying the spring. The first quarter of 2022 passed by so quickly, and once again, it is nearly conference time! Dr. Hendrik Nollens, IAAAM President Elect, and Cindy Sherwood from Delaney Meeting and Event Management have an exciting and educational virtual meeting planned for all of us in May. Many thanks to those who have reviewed abstracts, judged student submissions and agreed to be session chairs. We have a great line up of presentations again this year, and the workshops will be outstanding opportunities as well. Your IAAAM Board and the Conference and Site Selection Committee have been working diligently on conference planning for 2023-2026. Stay tuned for details.

The board has had some incredibly productive, facilitator guided, strategic planning sessions. We have thoroughly evaluated many aspects of the organization and are in the process of identifying the most important areas of focus for the short and long term. We are looking forward to sharing more details with you at the annual Business Meeting in May and hope that we can get more of you involved in committees and member benefit initiatives.

It is hard to believe that my year as President is coming to a close. I want to thank all of you for the opportunity that I have had to be a part of the IAAAM Board since 2015. This has truly been an amazing experience. Serving as Treasurer gave me tremendous insight into the organization and taught me a great deal. I can never thank Pam Tuomi enough for coaching me through so many aspects of that position, even after she rotated off the board! Thank you to all of the other board members that I have been able to serve with. Not only was I able to get to know each of you better, I was also inspired and motivated by you as well. Another individual that deserves recognition and accolades is our Webmaster, Dr. John Jones. He really is the backbone of our organization and a tremendous support to all of us on the board. His commitment and dedication to IAAAM is remarkable. Thank you for all that you do, John. In my final year on the board, I am looking forward to continuing the work that we have begun with the strategic planning process, with the goal of enhancing member benefits and ensuring longevity and stability of the organization. I also hope to continue to build stronger ties with other animal health organizations.

While I am sad that I will not see you in person again, I am very excited for this 2022 conference and hope that you are, too. Until we meet in May, please stay safe and continue to do good things.

Sincerely,

Tonya IAAAM President

# **2022 ANNUAL IAAAM CONFERENCE INFORMATION**



As has been mentioned before, the 2022 online conference will be split over a 2-week period to reduce Zoom fatigue. Each week there will be 1 workshop day and 2 days of oral presentations as outlined below.

# Week 1:

- Monday, May 16th Workshops
- Wednesday, May 18th Oral Presentations
- Friday, May 20th Oral Presentations

#### Week 2:

- Monday, May 23rd Workshops
- Tuesday, May 24th Oral Presentations
- Thursday, May 26th Oral Presentations

#### 2022 IAAAM Virtual Conference Registration Fees and Free T-shirt!

Registration includes access to all virtual events and post event recorded sessions as well as a T-shirt designed by student IAAAM member, Vivian Lee (picture on left above). The link to place your T-shirt order can be found in both the confirmation page and your confirmation email. If you have already registered, please contact the IAAAM Conference Office by emailing <a href="mailto:info@delaneymeetingevent.com">info@delaneymeetingevent.com</a> and ask for the order link.

Attendees are asked to show your support and wear your t-shirt during the IAAAM auction scheduled for Thursday, May 26th. Deadline to order is May 9th and will arrive between May 16 - 23.

Registration Type	Fee
IAAAM Member	\$150
Student IAAAM Member	\$50
Non-Members	\$300
Student Non-Members	\$125

IAAAM Membership must be current and paid in full in order to be eligible for discounted rate. Conference registrations will be verified by IAAAM. To see if your membership is current and up to date, please

contact <a href="mailto:membership@iaaam.org">membership@iaaam.org</a>. To renew your membership, please visit: <a href="https://www.iaaam.org/2022-annual-membership">https://www.iaaam.org/2022-annual-membership</a>.

# Optional Workshops – these are free, but preregistration is required:

# Monday, May 16<sup>th</sup>

• 1:00pm – 3:00pm ET – Radiology Workshop

The IAAAM Radiology Workshop presented by Marina Ivančić, DVM, DACVR of ZooRadOne is the 8th offered in a long-standing tradition of IAAAM, and will again be a unique opportunity for IAAAM attendees to learn from and consult with Dr. Ivančić on a broad range of topics exploring radiography, ultrasonography, CT, and MRI of aquatic patients. First started in 2013, the workshop will cover both fundamental and advanced topics in imaging, geared towards aquatic animal clinicians and trainees interested in how radiology can maximize the well-being of these animals. Registered attendees of this workshop will be contacted by Dr. Ivančić prior to the start and invited to submit topics and/or images to discuss in this open forum.

# Monday, May 23rd

12:00pm – 4:00pm – Coral Workshop for Veterinarians and Animal Care Staff
 Organizers: Ilze Berzins, Andy Stamper, Roy Yanong and Ari Fustukijan, Additional

Organizers: Ilze Berzins, Andy Stamper, Roy Yanong and Ari Fustukjian. Additional speakers from husbandry staff, AZA, NOAA and FWC. This workshop will provide an overview of coral husbandry and medicine in public aquarium settings. Speakers will review basic coral anatomy and physiology, husbandry, health issues, diagnostics and potential treatments. The session will also include an overview of the Florida Coral Reef Tract Rescue project and how AZA facilities are involved.

#### **Auction Donations Requested**

Back by popular demand! Join Dr. Greg Lewbart on Thursday, May 26<sup>th</sup> as he auctions off your donated items to raise money for the IAAAM Student Events. We are now seeking items such as books, gift certificates, and works of art just to name a few options. Perhaps you have something you won at a previous auction that you would like to now pass on? If you are interested in donating, please contact Cindy Sherwood at <a href="mailto:sherwood@delaneymeetingevent.com">sherwood@delaneymeetingevent.com</a>. Please note that since this is a virtual auction, IAAAM is also asking the donor to ship the item to the winner as part of the donation.

#### **Conference Sponsorship**

Thank you to the current sponsors of the 2022 IAAAM virtual conference. It's not too late to join them! If you are interested in sponsorship, please contact Cindy Sherwood at sherwood@delaneymeetingevent.com.



















#### **IAAAM BOARD MEMBER NOMINEES**

# Nominee for President-Elect, Dr. Allison Tuttle

Dr. Allison Tuttle is the Chief Zoological Officer at Mystic Aquarium where she serves on the Aquarium's Leadership Team and oversees the Aquarium's veterinary, animal husbandry, dive, environmental quality, and animal rescue operations. She contributes to numerous research and grant initiatives, has authored numerous peer-reviewed research publications, and serves on the Aquarium's Institutional Animal Care and Use Committee and Research Advisory Council. Dr. Tuttle acts as a mentor for veterinary interns, veterinary student externs, and undergraduate students interested in a career in aquatic animal medicine. An IAAAM member since 2002, she has been the Board Member for Education since 2018, and previously served as the Student Liaison Committee Chair. Dr. Tuttle's passions include high quality animal care, conservation, and developing the next generation of aquatic veterinarians!

Dr. Tuttle earned her BS in Biology and Psychology from Washington College and her DVM from North Carolina State University. Her post-graduate education includes completion of Mystic Aquarium's Internship in Aquatic Animal Medicine and Research and a Residency in Zoological Medicine with a focus on Aquatic Health Management at North Carolina State University. A Diplomate of the American College of Zoological Medicine, Dr. Tuttle is a board-certified specialist in zoological medicine.

#### Nominee for Secretary, Dr. Cara Field

Dr. Cara Field has been the Medical Director at The Marine Mammal Center in Sausalito, California since 2014. Her primary roles include the care of hundreds of stranded marine mammal patients annually, conducting and collaborating on numerous research projects in marine mammal health and disease, and mentoring the dozens of veterinarians, students and biologists who come to TMMC each year to learn about marine mammal medicine and health. Dr. Field completed the dual DVM/Ph.D degree program at the University of California Davis in 2005, where she studied the effects of high pressure on blood platelets from elephant seals. She worked at Mystic Aquarium in Connecticut for three years as a post-doctoral researcher studying marine mammal brucellosis, and was subsequently the intern veterinarian there. She then worked in New Orleans as Associate Veterinarian at the Audubon Nature Institute, serving as the primary vet for the Audubon Aquarium and Stranding Program, and also worked in depth with the zoological caseload at Audubon Zoo and the Audubon Center for Reproduction of Endangered Species. Dr. Field then accepted a position as Associate Veterinarian at the Georgia Aquarium in Atlanta, one of the largest aquariums in the world, for several years before moving back to California to work at TMMC. She became a Diplomate of the American College of Zoological Medicine in 2018, specializing in Aquatics, and was elected Secretary of IAAAM in 2019.

# Nominee for Board Member for Communications, Dr. Julie Cavin

Julie Cavin is the Staff Veterinarian, and first full-time veterinarian, at Gulfarium Marine Adventure Park in Fort Walton Beach, Florida where she cares for a diverse collection of animals along with rehabilitating sea turtles in the Gulfarium C.A.R.E. Center. She received her DVM from North Carolina State University in 2007, was then the first veterinary intern at Georgia Aquarium. She completed a Veterinary Fellowship at New England Aquarium, and remained there as an associate veterinarian for five more years. She was then the Associate Veterinarian at South Carolina Aquarium before moving to Gulf Word Marine Park in Panama City Beach, Florida. There she was the Director of Veterinary Medicine for Dolphin Company USA overseeing the veterinary departments at all Dolphin Company facilities in the US and Gulf World Marine Institute, rescuing and rehabilitating sea turtles and small cetaceans. She has co-authored several peer-reviewed articles and presented multiple times at IAAAM conferences. She was elected the IAAAM Board Member for Communications in 2019. Since that time, she has

started an official IAAAM Facebook page, and is working toward other options for more real-time communication for IAAAM members.

#### Nominee for Board Member for Education, Dr. Ashley McGrew

I was born in Ft. Collins, CO, and graduated from the University of Northern Colorado (Greeley, CO) in 2004, with a BS in Biological Sciences. In my undergraduate years, I pursued my passion for aquatic animal medicine, working summers at aquaria on the east coast, involved in both cetacean rehabilitation (MOTE Dolphin and Whale Hospital, Sarasota, FL) and research on the health of bottlenose dolphin populations (Mystic Aquarium, Mystic, CT). I began graduate work at Colorado State University (CSU) in 2004 and was accepted into the DVM-PhD Dual-Degree Program, thereafter, acquiring my PhD in 2011 and my DVM in 2013. For my graduate work, I explored Hg uptake by parasites of pinnipeds and wild canids. After graduating from veterinary school, I began a post-doctoral fellowship in the CSU Veterinary Diagnostic Laboratories in Parasitology, joined the faculty at CSU in January 2015, and became board certified in Parasitology under the American College of Veterinary Microbiologists (ACVM). I currently work at CSU within the College of Veterinary Medicine and Biomedical Sciences, teaching Veterinary Parasitology, serving as Section Head of Parasitology within the CSU Veterinary Diagnostic Laboratories, and performing research in the areas of Veterinary Diagnostics, Marine Parasitology, and understanding the role of helminths in the host microbiome.

I attended my first IAAAM meeting in 2002, in Albufeira, Portugal, as an undergraduate student. In my early years as an IAAAM student member, I volunteered with student-related endeavors and assisted in planning student events at the annual meetings. More recently, I stepped into the role of Student Liaison Committee Chair, helping organize, review and judge Student Travel Awards and Student Presentation Awards. It would be an honor to have an opportunity serve on the IAAAM Board, contributing in the role of Board Member for Education, as student mentorship and support are among my highest priorities—I truly embrace the tangible ways in which our student members contribute to research, animal care, outreach, education, and countless other areas of Aquatic Animal Medicine.

# **CALL FOR 2022 IAAAM MEDWAY SCHOLORSHIP 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 there of, 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. 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: May 02, 2022. 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 May 02, 2022.
- Winners will be notified by end of May 2022.

#### **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 principal 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; ¾-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.

# **2022 STUDENT TRAVEL AWARDS AND STUDENT EVENTS**

The applications submitted this year for the 2022 IAAAM Student Travel Awards were of excellent caliber and the Student Liaison Committee was pleased to award five awards this year. In light of the virtual format of the upcoming meeting, each awardee will receive a \$200 stipend and complimentary registration to the annual meeting. The awardees are listed below, along with their affiliation and the title of the oral presentation that they will be presenting in May. Congratulations everyone!

#### **2022 Student Travel Awards**

- Ashlyn Henriff Veterinary student, North Carolina State University (USA), "Potassium Chloride Administered via Four Routes for Euthanasia of Anesthetized Goldfish (*Carassius auratus*)"
- Bailey McKenna Undergraduate student, College of Wooster (USA), "Furthering the Usage of Genetic Material from Blow Samples for Beluga Health Monitoring"
- Pablo Moron-Elorza PhD student, University of Madrid-Oceanogràfic of Valencia (Spain), "Increasing the Dosage: Pharmacokinetics of Meloxicam after Single Administration of 1.5 mg/kg PO and IM in Large-Spotted Catsharks (Scyliorhinus stellaris)"
- Tatiana Weisbrod MS Student, University of Florida (USA), "Molecular Characterization of Trematodes in Florida Manatee (*Trichechus manatus latirostris*) Calves with Trematode-Associated Enterocolitis"
- Sarah Wright Veterinary Fellow, Vancouver Aquarium (Canada), "A Retrospective Review of Neoplasia in Fish at a Public Aquarium"

# **Student Event Updates**

We are in the process of planning for the student event at the annual meeting. This year we intend to hold virtual round-table discussions, on a suite of topics, in the first portion of the session; and then, in the latter part of the event, we will transition to IAAAM trivia, at the request of many students last year. We are looking forward to a fun-filled evening. Please reach out to <a href="mailto:ashley.mcgrew@colostate.edu">ashley.mcgrew@colostate.edu</a> if you are willing to facilitate discussion in one of the "round table" rooms... we have a list of topic ideas in the works, but are also open to content suggestions and areas of interest that might speak to your heart!

# IAAAM/ WDA STUDENT-AUTHORED PAPER AWARD WINNER

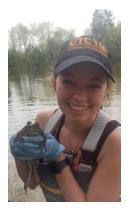
# Congratulations to the winner of the IAAAM & WDA award for the best student-authored aquatic animal paper of 2021!

Each year the International Association for Aquatic Animal Medicine (IAAAM) and Wildlife Disease Association (WDA) jointly provide an award for the best student-authored aquatic animal paper in the previous year's *Journal of Wildlife Diseases*. We wish to congratulate **Dr. Anastasia Towe** of the University of Tennessee, Knoxville, TN, USA, on being selected as the winner of the 2021 WDA-IAAAM joint award for her paper, *Batrachochytrium salamandrivorans* can devour more than salamanders, which was published in the October 2021 edition, Volume 57(4): 942-948. Dr. Towe will be presenting her work at the 2022 IAAAM Virtual Conference!

Dr. Towe is from Jacksonville, Florida. She attended the University of Pittsburgh, where she earned a B.S in Biology and a B.A. in English Fiction Writing. She graduated with her D.V.M. from the University of Tennessee College of Veterinary Medicine in May 2020. She is studying under Dr. Debra Miller and her PhD research investigates pathophysiology and potential treatments for *Batrachochytrium salamandrivorans*. She has been involved in amphibian disease research since 2017 and is excited to be a part of the international collaborative effort to understand deadly emerging infectious diseases in wildlife.

In addition to an inscribed award crystal, the award has a value of US \$1500, which can be used for fees, books, supplies, equipment, and other educational expenses incurred by the winner as a student, or to support travel to either the WDA or IAAAM conferences. The winner also receives one-year complimentary memberships to WDA and IAAAM.

For an article to be eligible for this award, the primary author must be a student (at the time of article submission) as well as a member in good standing of the IAAAM or WDA. Approximately 1-15 articles related to aquatic animals are published each year that are eligible for this award.



# MEMBER SPOTLIGHT – FRANCOIS LAMPEN

# Curator Animal Health/Veterinarian uShaka Sea World (South African Association for Marine Biological Research), Durban, South Africa

Growing up in South Africa, I was lucky enough to be raised surrounded by wildlife. I soon, however, became aware that there was a difference between the romantic perceptions of a wild unspoilt continent teeming with wild animals and the actual reality. This realisation played a big role in the choice of my career.

I qualified from the University of Pretoria, Onderstepoort, South Africa in 1997.

Wildlife conservation and the preservation of the environment were issues that were always important to me, and, as a result, I did everything I could, and knocked on any door, to get as much experience in these fields as possible. I managed to track rhinos in Etosha, raise baby baboons and elephants, and cleaned penguins during a large oil spill in Cape Town in 1994. This then also led me to my first job after qualifying - managing a marine bird rehabilitation centre. This job was followed by small animal locums and travels to odd parts of the world. Whenever I had the opportunity I would visit wildlife rehabilitation centres, to learn as much as I could. I worked as a bird vet in the UAE, treating Houbara bustards, as well as other bustard species. Further travels followed. I was then convinced that doing a post-graduate degree would be the next crucial step if I wanted to work in this field. For these studies, I chose to investigate an assumption that I became aware of during my previous work with my favourite species - I studied the stress response in the African penguin during rehabilitation. I concluded that, if given some assistance, these hardy birds are able to manage very well during such stressful events.

While I was working on getting my MSc, I was lucky enough to get a Zoo medicine Intern position at Omaha's Henry Doorly Zoo. On my return to South Africa, I set up a wildlife company and worked for a while for myself. I was trying to expand the role of wildlife medicine in game ranching. Then I ventured overseas again and did a year-long maternity cover at the Wellington Zoo in New Zealand. And in 2013 I started here at uShaka Sea World.

Our veterinary health department consists of me, our ever-capable veterinary nurse, and a fantastic part-time, stand-in veterinarian, but we are supported by our amazing colleagues.

Currently we are dealing with a lot of turtle strandings, and there seems to be a significant increase in Spirorchiid parasitism in these animals. We have recently identified and sequenced Fibropapillomatosis in one of our green turtles. A first for these shores!

A variety of ailments in our large facility, housing marine mammals, birds, fish, and invertebrates, and even reptiles and amphibians, keep us very busy. International collaboration, such as with our marine mammal consultant Géraldine Lacave, and the fantastic Marina Ivančić, is critical to our success. Marina, for example, really helped us in interpreting the CT scan that we did on one of our seals. This specific animal was only our second CT scan in a seal that we've ever done!

My role is interesting and diverse, from diagnosing a yellow-nosed albatross (*Thalassarche carteri*) with Avian Cholera, to rehabilitating African penguins with renal and duodenal fluke infection (*Renicola sloani* and *Cardiocephaloides physalis*) and identifying an *Ichthyophonus* infection in Galjoen fish. This latter pathogen will require a lot more work, me thinks. Then there are the unresolved cases of non-responsive necrotic dermatitis observed in some local African rock pythons...

With the new sample storage module out in ZIMS, I am also trying to update our biological sample collection. This is proving very challenging, especially for someone that has no clue on which samples to collect, and how to appropriately store them. But we're getting better at it. The ultralow freezer is finally being put to use!

I asked some stupid questions during the last year's IAAAM meeting - about seal ultrasonography. And now, after applying the techniques learnt during the conference, we are flying! We are doing lots of kidney assessments and monitoring the bladder function in one of our aged African fur seals who is suffering from progressive hindquarter paresis. And, in one of our dolphins, we are trying to determine the severity of nephrolithiasis observed.

I am wanting to work more on our elasmobranch reproduction but haven't really managed to find the time for that yet. But we will find it sometime soon!

As a veterinarian working in an aquarium located on the tip of the African continent, it does sometimes feel as though you are very isolated from what is happening in the aquatic medicine field in the rest of the world. But since joining the IAAAM, and getting to know similar minded people, it has improved a lot. As we are working with such diverse species, and with animals that are so particular in their medical requirements, it is important to build a strong network of like-minded people. It's been very valuable having such fantastic support.





#### MEMBERSHIP CONTACT INFORMATION

Please review your current contact information in the membership directory on the IAAAM website. If any information needs to be corrected or updated, the link to the form is <a href="https://www.iaaam.org/iaaam-update-profile">https://www.iaaam.org/iaaam-update-profile</a>.

# **EDUCATION AND CAREER OPPORTUNITIES**

\*See IAAAM Website for complete details and updated list of opportunities\*

# 1. VETERINARY TECHNICIAN - NEW YORK AQUARIUM

The Wildlife Conservation Society's New York Aquarium, located on Coney Island in Brooklyn, New York has an opening for a full-time Veterinary Technician. The Veterinary Technician will serve as a vital member of the Aquatic Health Department, caring for diverse taxa including pinnipeds, sea otters, penguins, aquatic reptiles, teleost and elasmobranch fish, and aquatic invertebrates. The Veterinary Technician will assist veterinarians and other Aquatic Health team members in providing excellent care and treatment of animals in the WCS collection, in training professionals, students, and volunteers, and in supporting the mission of WCS.

# 2. ASSISTANT TECH LAB VETERINARY – ANIMAL CARE – MIRAGE DOLPHIN HABITAT

The Veterinary Technician/Research Coordinator position will provide veterinary and technical support to the attending veterinarian and animal care management team. This detail-oriented position will be responsible for assisting the veterinarian in implementing a preventative health care program involving the SGDH animal collection.

# 3. POST-GRADUATE VETERINARY INTERN - SEAWORLD SAN DIEGO

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, with approximate dates of July 5, 2022 to July 1, 2023. The intern is expected to enthusiastically represent SeaWorld by displaying a positive attitude, high level of energy, and commitment to quality throughout all aspects of the job.

## 4. STRANDING COORDINATOR - EMERALD COAST WILDLIFE REFUGE

As Emerald Coast Wildlife Refuge continues to grow and move forward in the next phase of our development, we have reimagined the role of our Stranding Coordinator to reflect more of the managerial and scientific duties that are required of this position. ECWR's stranding team responds to more than 20 cetacean strandings per year and participates in full and partial necropsies, transporting live animals to appropriate rehabilitation facilities, collaborates with partner facilities and networks, and responds to and documents dead sea turtle occurrences within our specific range. While some work will and must be done during "normal business hours" at ECWR property, some can and may need to be completed remotely and/or during unconventional hours in the field. In addition, the Stranding Coordinator must be on-call 24/7/365 to respond to all stranded marine mammals and sea turtles in our response area and to conduct initial exams, provide triage, and help maintain health of the animals in transport. The stranding coordinator will also be responsible for building and expanding the future of the stranding program, in partnership with other staff members, to help ensure the longevity of his/her AND ECWR's current and future efforts. Below are the anticipated job duties and approximate percentages of each, with the understanding that no two work weeks will be the same and that these responsibilities can change at any time. ECWR expects the Stranding Coordinator to promote a strong and positive team environment both within the organization and with collaborating facilities.

# 5. <u>VETERINARIAN – ODYSEA AQUARIUM</u>

As part of the OdySea Aquarium Senior Leadership Team, this position will be responsible for the oversight and management of the entire animal health program for the aquarium, as well as animal facilities under the company umbrella. Areas of concentration include husbandry, preventative medicine, diagnostics, treatment, microbiology, internal medicine, surgery, nutrition, and quarantine procedures. The Veterinarian will represent OdySea Aquarium by leading a team that emulates the mission and vision of the organization, emphasizing strong educational and conservation messaging, and delivering excellence in guest service.

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 <a href="https://www.iaaam.org">www.iaaam.org</a>. 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. The deadlines for submissions are December 1, March 1, July 1, and October 1. Submissions should be made in WORD, without complex formatting. For submissions contact Julie Cavin, Newsletter Editor, at <a href="mailto:fishdoc07@gmail.com">fishdoc07@gmail.com</a>

For membership information, including address changes, contact Gabby Hernádez at <a href="mailto:gabbytica@gmail.com">gabbytica@gmail.com</a>

For dues information, contact Alexa Delaune at treasurer@iaaam.org

# **IAAAM EXECUTIVE BOARD**

President: Tonya Clauss (tclauss@georgiaaquarium.org)

President-Elect: Hendrik Nollens (hnollens@sdzwa.org)

Past-President: Mike Briggs (mbbriggs@ix.netcom.com)

Treasurer: Alexa Delaune (adelaune@msaguarium.org)

Secretary: Cara Field (cara.field@gmail.com)

Board – Membership: Gabby Hernádez (gabbytica@gmail.com)

Board – Education: Allison Tuttle (atuttle@mysticaaquarium.og)

# **IAAAM COMMITTEE CHAIRS**

IAAAM Student Liaison:
Ashley McGrew (Ashley.mcgrew@colostate.edu)

Medway Endowment Committee:
Allison Tuttle (atuttle@mysticaquarium.org)

Site Selection Committee: Sam Dover (sdoverdvm@cox.net)

Nominations & Awards Committee: Mik Briggs (mbbriggs@ix.netcom.com)

International Relations Committee: Sarah Churgin (international relations@iaaam.org)

Conservation Committee:
Joe Gaydos (conservation@iaaam.org)

# **HONORARY LIFE MEMBERS**

Don AbtDeke Beusse\*Greg Bossart\*Lanny CornellLarry DunnJoe Geraci\*Jack Gratzek\*Ted Hammond\*Dave Huff\*Jay Hyman\*Jim McBainWilliam Medway\*Sam RidgwayJesse White\*Bob Wright\*

\*deceased