



International Association for Aquatic Animal Medicine

IAAAM News

Volume 51; Issue 3; October 2020

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MESSAGE FROM THE IAAAM PRESIDENT

Dear Fellow IAAAM'ers,

I do hope this newsletter finds you all well and moving on and forward with life versus being stuck in the Covid Vortex. I do know it is extremely variable based on a 1000 individual and geographic factors but wish you all the best. I wanted to send a brief note letting you know your Board is actively working on the 2021 Annual Conference to be held in Tampa, Florida in May. We are optimistically working toward an "in person" conference where we can have the personal exchange of information and enjoy the comradery we have always enjoyed prior to 2020. Having said that, we are also making a back-up plan if things are still chaotic.

We will be releasing information as it comes in from all parties involved and try and get the pulse of the organization, organizers, and hosts on interest in the meeting and how we exactly will hold the meeting or offer an alternative, if there are issues.

Another aspect we are going to work on this year is to be a bit more inclusive and expand our committee work as well as organize and offer positions on ad hoc committees to help with the work of the IAAAM. I will be making this information available soon and please jump in if you are interested. We look forward to more involvement and participation as the IAAAM grow.

Please stand by but be ready for some winter time participation. The organization could really head in a positive direction.

Michael B Briggs, DVM, MS
President
International Association of Aquatic Animal Medicine

MESSAGE FROM THE COMMUNICATIONS BOARD MEMBER

Hi all,

As Mike said, I hope you are all doing well and navigating this unusual time to the best of your ability. Since I was not able to get our typical post-conference newsletter out a few months ago, you will find the 2020 virtual symposium meeting minutes as well as information and deadlines for the 2021 conference in Tampa, Florida, USA (hopefully) in this newsletter.

Thank you so much to all of the IAAAM Board and members as well as the team at University of Florida who were instrumental in making our first ever virtual symposium such a great success. As you will see by the summary below, there were 381 attendees from 27 countries! Not too bad for our first ever virtual meeting. Thank you as well to Drs. Ivančić and Yanong for the Keynote Master Classes. We hope to offer more of this type of content for our members throughout the year. Please let the Board know if there are any certain topics that you would like to have covered.

One of my goals for this year is to increase our presence on social media to help share information and highlight our members' accomplishments. Be on the look out for a new IAAAM page on Facebook – the current existing one is no longer valid – and potentially other social media platforms.

As always, stay safe and healthy everyone. Hopefully we will see each other in May 2021!

Julie M Cavin, DVM
Communications Board Member

IAAAM BUSINESS MEETING: VIRTUAL, JUNE 2020

Call to Order Summary

Parliamentarian: Pam Tuomi
 Quorum: 15% of Full, Life and Honorary Life member present + 44
 Approval of Business meeting minutes from 2019

Current IAAAM Board:

President: Katie Colegrove
 President Elect: Mike Briggs
 Secretary: Cara Field
 Treasurer: Tonya Clauss
 Immediate past President: Mike Renner
 Board Member (Education): Allison Tuttle
 Board Member (Communications): Julie Cavin
 Board Member (Membership): Hendrik Nollens

Scientific Program for Virtual Symposium

40 presentations plus 2 Keynote “Master Classes”
 Poster presenters given short presentations
 Final Attendance: 381

<u>Scientific Program Breakdown</u>	<u>Conference Attendees Countries (27)</u>	
Cetacean: 13	USA	Mexico
Pinniped: 4	UK	Malta
Sirenians: 1	United Arab Emirates	Japan
Mustelid: 2	Turkey	Ireland
Invertebrates: 3	Taiwan	Hong Kong
Turtles: 2	Switzerland	Grenada
Amphibians: 1	Spain	Germany
Teleosts: 10	Singapore	Costa Rica
Elasmobranch: 2	St Kitts and Nevis	Canada
General and Mixed species: 4	Russian Federation	Brazil
	Portugal	Belgium
	Philippines	Bahamas
	New Zealand	Australia
	Netherlands	

Thank You

Virtual Symposium Co-Chairs: Ruth Francis-Floyd Iske Larkin, Molly Martony
 Master Class lecturers: Marina Ivančić, Roy Yanong

Treasurer Report: Tonya Clauss

2020 Treasurer Report – Income

IAAAM - 2020 INCOME / EXPENSE SUMMARY

Budget Category	Approved Budget FY '18 (12 mo)	Actual Income/ Expenses FY '18 (12 mo)	Proposed Budget FY '19 (12 mo)	Actual Income/ Expenses FY '19 (12 mo)	Proposed Budget FY '20 (12 mo)	Actual Income/ Expenses FY '20 (Jan - Jun)	Proposed Budget FY '21 (12 mo)
INCOME	1/1/18 - 12/31/18		1/1/19 - 12/31/19		1/1/20 - 12/31/20		
Savings Account Interest	5	5	7	5	5	2	5
Auction Proceeds	7,000	6,368	7,000	4,935	7,000	0	7,000
2018 Conference	190,000	157,905					
2019 Conference			160,000	68,181			
2020 Conference					160,000	21,226	
2020 Virtual CE						24,121	
2021 Conference (+/- Virtual)							160,000
Non Conference Donations	500	85	500	250	500	750	500
Dues for 2018	25,000	24,125					
Dues for 2019			25,000	25,050			
Dues for 2020				8,080	25,000	21,800	
Dues for 2021							25,000
Miscellaneous		12,210		0		0	
Investment Income (Medway)	5,000	(11,419)	5,000	13,635	5,000	(5,237)	2,500
Total Income	227,505	189,280	197,507	120,137	197,505	62,662	195,005

2020 Treasurer Report – Expenses

IAAAM - 2020 INCOME / EXPENSE SUMMARY

Budget Category	Approved Budget FY '18 (12 mo)	Actual Income/ Expenses FY '18 (12 mo)	Proposed Budget FY '19 (12 mo)	Actual Income/ Expenses FY '19 (12 mo)	Proposed Budget FY '20 (12 mo)	Actual Income/ Expenses FY '20 (Jan - Jun)	Proposed Budget FY '21 (12 mo)
EXPENSE							
Executive Board Expense	(1,500)	(504)	(1,500)	(144)	(750)	(33)	(500)
2021 Meeting Expense							(140,000)
2020 Meeting Expense					(150,000)	(17,581)	
2019 Meeting Expense	(30,000)	(533)	(150,000)	(62,003)			
2018 Meeting Expense	(150,000)	(153,976)					
Website & Maintenance	(2,500)	(2,754)	(2,500)	(1,754)	(2,500)	(992)	(2,500)
Awards Committee	(500)		(500)	(134)	(500)		(500)
Legal/Professional Fees	(3,500)	(3,015)	(3,500)	(3,221)	(3,500)	(102)	(3,500)
Investment Expenses/taxes (Medway)	(3,000)	(6,182)	(3,000)	(3,660)	(3,000)	(1,937)	(3,000)
Stripe/Square/Credit Card/Bank Fees	(1,000)	(721)	(1,500)	(1,781)	(1,500)	(735)	(1,500)
Insurance - Officers / Meeting	(4,000)	(1,888)	(4,000)	(3,629)	(4,000)	(1,232)	(4,000)
Student Awards and Expenses:							
Medway Scholarships	(6,000)	(7,100)	(6,000)	(9,000)	(6,000)	(3,000)	(6,000)
TRAVEL Awards	(3,000)	(2,500)	(3,000)	(3,500)	(3,000)	(2,500)	(3,000)
Presentation Awards	(1,000)	(900)	(1,000)	(700)	(1,000)	0	(1,000)
IAAAM/WDA Joint Paper Award			(750)	(750)	(750)	(907)	(750)
Miscellaneous		(12,210)		0		0	
Total expenses	(206,000)	(192,282)	(176,500)	(90,275)	(175,750)	(28,112)	(165,500)
NET FOR FY	21,505	(3,002)	21,007	29,861	21,755	34,549	29,505

2020 Treasurer Report – Distribution of Funds

DISTRIBUTION OF IAAAM FUNDS	5/17/2018	5/18/2019	6/26/2020
Checking Account	86,597	60,973	75,028
Business Savings Account	10,759	10,764	10,769
Total liquid assets	97,355	71,737	85,797
Liabilities	(62,785)	(27,952)	(282)
Medway Fund (Fidelity)	163,553	162,755	163,884
TOTAL AVAILABLE ASSETS	198,124	206,540	249,399

2020 Treasurer Report – Medway Fund

MEDWAY FUND (Fidelity)	as of 6/26/2020
Fund balance	163,884
Total Funds deposited since opening 7/1/09	114,580
Net Gain	49,304
Expenses YTD '20	
Transaction costs, fees & charges	(844)
Taxes withheld	(1,092)
paid from IAAAM checking account	
2012 to 2017 Scholarship Awards	(32,000)
2018 Scholarship Awards	(7,100)
2019 Scholarship Awards	(9,000)
2020 Scholarship Awards	(3,000)

2020 Dues and Conference Fees

- No change in dues: \$85 full member, \$45 student
- No institutional memberships
- Reminder: Dues must be paid by March 31 to qualify for member discounted conference registration rate for same calendar year
 - Email reminders will be sent to current members to facilitate membership renewal in advance of the deadline
- Potential ways to raise additional funds
 - Donations
 - Fund raising initiatives
 - Virtual CE opportunities – also member benefit!

Membership Report: Hendrik Nollens

	2015	2016	2017	2018	2019	2020
Full member	232	229	199	227	235	278
Student	93	114	99	114	78	131
Honorary life member	14	14	14	14	14	15
Life member		7	9	9	9	9
	Chicago	Virginia Beach	Cancun	Long Beach	Durban	Virtual

Life members		Honorary life members	
Brad Andrews	Tag Gornall	Don Abt	Deke Beusse*
Jim Antrim	Judy McBain	Greg Bossart*	Lanny Cornell
M.H. Beleau	Alvin Moreland	Larry Dunn	Joe Geraci*
Paul Bowser	Don Stremme	Jack Gratzek	Ted Hammond*
Leslie Dierauf		Dave Huff	Jay Hyman*
		Jim McBain	William Medway*
		Sam Ridgway	Jesse White*
		Bob Wright*	
*Deceased			

Education Report: Allison Tuttle

Medway Scholarship Program:

- \$3000 student scholarships to fund student expenses
- 10-12 week exposure to research at sponsoring institutions
- Research activity funding provided or arranged by sponsoring institution
- 3 applications received - Thank you to 5 committee members for their application review
- **2020 Awardee – Marisa Pico**, Florida Atlantic University (\$3,000)
 - *Validating ultrasonography of shoulder fat thickness as a non-invasive technique for estimating body condition in green and loggerhead sea turtles*

Joint Award: IAAAM/ WDA

- Annual award given to best student-authored aquatic animal paper in JWD from the previous year
 - First Author must be a student when the work was done
 - Must be a member in good standing of either WDA or IAAAM at time of award
- \$1500 scholarship for educational expenses or conference travel
- Physical Award
- **2020 Winner – Dr. Jennifer Niemuth**, North Carolina State University
 - Niemuth JN, Harms CA, and MK Stoskopf. 2019. Sea Turtle Tears: A Novel, Minimally-Invasive Sampling Method for 1H-NMR Metabolomics Investigations With Cold Stun Syndrome as a Case Study. *JWD* 55(4): 868-873

Student Liaison Committee Report: Ashley McGrew

- 14 Applications; 8 Student Liaison Committee Members Reviewed
- 5 Awards of \$500 each were awarded:
 - **Molly Martony** (Aquatic Animal Resident, University of Florida)
 - *Establishing ultrasonic criteria for metastasis in the superficial cervical lymph nodes of bottlenose dolphins (*Tursiops truncatus*) with squamous cell carcinoma*
 - **Zachary Ready** (Veterinary Student, Perdue 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** (Intern in Aquatic Animal Medicine, Mystic Aquarium)
 - *Investigation of prevalence, predisposing factors, and clinical presentation of megalosiphon in stranded phocids*
- **Erica Chang** (Veterinary Student, University of California Davis)
 - *Genetic and virulence diversity of Klebsiella pneumoniae recovered from southern sea otters (Enhydra lutris nereis)*
- **Isset Saticioğlu** (Post-Doctoral Fellow, Erciyes University, Turkey)
 - *Identification and antimicrobial susceptibility of the possible novel Flavobacterium species isolated from farmed trout*
- Awards can be applied to future conferences since 2020 went virtual!

Student Presentations

- 43 Student abstracts were submitted and incorporated into the initial scientific program
 - 23 oral presentations and 20 poster presentations
 - 5 students presenting both an oral and poster presentation
- There are 19 student presentations in the IAAAM Virtual Conference.

Thank You to:

IAAAM Board Members

Dr. Allison Tuttle, Board Member for Education

Members of the Student Liaison Committee

Students – for your participation in IAAAM

Conservation Committee Report

- Committee Chair: Joe Gaydos
- Survey of members conservation activities coming soon:
 - Learn about the current member aquatic conservation activities
 - What does membership feel are the most pressing aquatic conservation concerns
 - How should IAAAM be involved
- Be on the lookout for a survey email soon

New for 2020-2021

- More active committee – International Committee, Conservation Committee
- Increased presence on social media
- Virtual educational opportunities?

IAAAM Website: Thank you John!

- Membership info and enrollment
- Conference information
- Education and Job opportunities
 - Medway Scholarship
- News and science updates
- Members only access
 - Directory
 - Proceedings and newsletter archives
 - WDA Journal access
- Constitution and Bylaws
 - History and Awards

Meeting Planning Committee

- 2021 IAAAM CONFERENCE May 22-26, 2021 in Tampa, Florida
- 2022, 2023 - TBD

Changing of the Guard

Thanks to Immediate Past President – Mike Renner

2020 IAAAM Board Nominations:

- President Elect
 - **Tonya Clauss**
- Treasurer
 - **Alexa Delaune**

Induction of Incoming President: Mike Briggs

Adjourned!!

2021 ANNUAL IAAAM CONFERENCE INFORMATION and CALL FOR ABSTRACTS

The IAAAM Board is pleased to announce the Call for Abstracts for the 2021 Annual Meeting is **NOW OPEN!** The conference is scheduled for **Saturday, May 22 – Wednesday, May 26**, and the hope is to hold the event in **Tampa, Florida**. With that being said, the COVID pandemic is still very dynamic and there is a chance the physical meeting may cancel and shift again to a virtual event. Pandemic status evaluations will be ongoing, and a decision will be made with safety as the number one priority. Please take note of these important details:

- During the submission process, you will be asked if you have a preference to present in person or virtually.
- If you submitted an abstract for the 2020 conference and did not present during the virtual event, please contact Cindy Sherwood, IAAAM Conference Planner, at sherwood@delaneymeetingevent.com if you would like your submission considered for 2021.
- **All abstracts must be submitted online before Midnight EST on December 1, 2020.** Papers emailed or submitted any other way or after this date will not be accepted. Instructions for authors, a sample abstract, and a link to the submission portal is available at <https://iaaam.squarespace.com/blog/2020/10/5/call-for-abstracts-iaaam-2021>.

More information about the conference will be sent out in November, but please contact Cindy Sherwood if you have any immediate questions.

CALL FOR 2021 STUDENT TRAVEL AWARD APPLICATIONS

The IAAAM Executive Board will again be granting monetary awards to students planning to deliver **ORAL** presentations at the annual IAAAM conference in May 2021. The awards are intended to defray the cost of travel to the May 22nd – 26th conference in Tampa, FL in order to promote student participation in the professional program and to further the commitment of the IAAAM to its students. Moneys will be awarded on a competitive basis, with the goal of supporting as many students as possible. Undergraduate students, Masters and PhD students, veterinary

students, veterinary interns/residents/fellows, and postdocs are eligible. The requirements for all applicants include the following:

1. A cover letter that describes the future plans of the applicant with regard to aquatic animal medicine.
2. An abstract of the paper to be presented. This abstract must not exceed 500 words in length. Only abstracts will be considered. Abstracts must follow guidelines available on the IAAAM website: www.iaaam.org.
3. Curriculum vitae and two (2) letters of recommendation, one of which must be from an active member of the IAAAM.
4. An itemized budget that details the travel expenditures (i.e. airfare, lodging, meals, etc.) and indicates the funds available from student stipends and personal resources.
5. Student presenters must be an active member (with dues paid up-to-date) of the IAAAM, **OR** the student must provide a third, separate letter from the student's institution verifying student, intern/resident/fellow, or postdoc status. Students are highly encouraged to become active members of the IAAAM prior to submitting an application. Student members are entitled to a lower conference registration rate than non-members.

The Education Member of the IAAAM Executive Board and the Student Liaison Committee will review the applications. Applicants will be ranked according to judgment criteria that will include: the quality of the written abstract (500 words or less), the justification/significance of the work, the complexity of the work relative to the student's academic achievements, and the commitment of the student to aquatic animal medicine. The intent of the Student Liaison Committee and the Executive Board is to fund as many students as possible, beginning with the highest ranked and continuing through the list of ranked applicants until the appropriated funds have been exhausted. No awards will exceed \$500.00. The rankings will be determined from the entire pool of applicants; separate awards for different academic classes of applicants (i.e. undergraduate, graduate, veterinary residents) will not be offered. There is one travel award designated for a deserving international applicant.

****The deadline for receipt of complete application packets will be Friday, December 4th, 2020.**** Applications received after the deadline will not be considered. Recipients will be contacted around February 1st, 2021. **Students submitting abstracts for the travel award competition must still separately submit their presentation abstract for acceptance into the conference proceedings.** The IAAAM Treasurer will be notified and will send checks to the successful applicants.

****Emailed applications will be accepted and are highly encouraged, though portions, such as letters of recommendation, may still be submitted by regular mail.****

Emailed applications should be sent to: studenttravel@iaaam.org

Mailed travel award application materials should be sent to the following address:

Ashley K. McGrew, DVM, PhD, Diplomate ACVM (Parasitology)
Colorado State University
200 W. Lake Street
1644 Campus Delivery
Fort Collins, CO 80523-1644
Phone: (970) 297-5416, for telephone inquiries related to travel awards
Email (for questions not application materials): Ashley.mcgreg@colostate.edu

****Regardless of how they are sent, all application materials are due by December 4th, 2020!**

The following judging criteria will be used to evaluate applications submitted for the 2021 IAAAM student awards:

<u>Category</u>	<u>Points</u>	<u>Total</u>
<u>Abstract (500 words or less)</u>		50
Quality of the written abstract	20	
Definition of hypothesis and objectives	5	
Justification	5	
Design	5	
Results or observations	5	
Conclusions	5	
Complexity and academic achievement	5	
<u>Cover Letter</u>		15
Definition of long-term goals	15	
<u>Curriculum Vitae</u>		15
Commitment to aquatic animal medicine	15	
<u>Letters of Recommendation</u>		15
<u>Budget</u>		5
Realistic and justified	5	
TOTAL POINTS		100

The Student Liaison Committee and the IAAAM Executive Board welcome this opportunity to assist deserving students.

CALL FOR 2021 IAAAM 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, 2021.** 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, 2021**.
- Winners will be notified by May 2021 and recognized during the 2021 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 time table
- Student's role in the project
- Mentor's qualifications

If live animals (including client/private-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.

MEMBERSHIP DUES REMINDER

The IAAAM is now accepting dues for the 2021 membership year. Dues remain the same as last year (\$85 for full members, \$45 for student members) and include membership through December 31, 2021. 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 31, 2021 is required for discounted conference registration.

EDUCATION AND CAREER OPPORTUNITIES

See IAAAM Website for Complete Details

1. **2021 AQUAVET® I & II & III Courses**

The College of Veterinary Medicine at Cornell University is pleased to announce the 2021 AQUAVET® I, II & III course offerings. They are aquatic veterinary medicine education programs that currently consist of two courses that will be presented at Roger Williams University in Bristol, RI in June 2021 and one on aquarium medicine held in three venues.

AQUAVET® I: An Introduction to Aquatic Veterinary Medicine is a 4-week course (30 May - 26 June 2021) intended primarily for veterinary students.

AQUAVET® II: Comparative Pathology of Aquatic Animals is a 2-week course (30 May - 12 June 2021) that is oriented toward the pathology of diseases of aquatic invertebrates and fish that are used in biomedical research, encountered in display aquaria and are of importance in commercial aquaculture.

AQUAVET® Summer Research Fellow (one offered) is an 8 week research program, usually studying fish disease at a lab at Cornell University. There is no tuition and this student will receive a stipend of \$3,800 after completing the 8 weeks.

AQUAVET® III: Clinical Aspects of Captive Aquatic Animal Medicine is a 5 week course (following AQUAVET® I – 27 June to 1 August 2021) and is limited to a small number of students. The venues include GA Aquarium, U of GA and Dolphinaris, Cancún, México.

Veterinary students can receive credits for the courses and graduate veterinarians can receive CE credits. More detailed information and applications for admission (due by January 15, 2021) are available on the web site www.aquavet.org.

2. Associate Veterinarian – California Academy of Sciences

POSITION SUMMARY:

Reporting to the Aquarium Veterinarian, this position is responsible for assisting the Veterinarian in the care of the living collection consisting of fish, amphibians, reptiles, birds, mammals, and invertebrates through a complete health care program with emphasis on preventative medicine. The Associate Veterinarian instills a culture of respect, trust, and accountability within the department and across the Academy. The Associated Veterinarian motivates, develops and enriches staff with the understanding that our people are our most important asset. The work schedule will include weekends, evenings, holidays and responding to emergencies.

See full description and application at

<https://californiaacademyofsciences.applytojob.com/apply/qsjRjZgmEQ/Associate-Veterinarian?source=AAFV>

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. 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 drcavin@gulfworldmarinepark.com

For membership information, including address changes, contact Hendrik Nollens at hnollens@pacificmmc.org

For dues information, contact Alexa Delaune (adelaune@msaquarium.org)

IAAAM EXECUTIVE BOARD

President: Michael Briggs (mbbriggs@ix.netcom.com)

President-Elect: Tonya Clauss (tcclauss@georgiaaquarium.org)

Past-President: Katie Colegrove (katie.colegrove@gmail.com)

Treasurer: Alexa Delaune (adelaune@msaquarium.org)

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

Board – Membership: Hendrik Nollens (hnollens@pacificmmc.org)

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 (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*

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Ted Hammond*

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Jesse White*

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