



International Association for Aquatic Animal Medicine

IAAAM News

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MESSAGE FROM THE IAAAM PRESIDENT

Your IAAAM Board and Committee members have been hard at work preparing for your 2017 Annual Conference in Cancun (see Dr. Haulena's note and all the meeting details below), managing the Student Travel Awards and Medway Scholarship programs, working with NC State to create the IAAAM Legacy Project and recruiting an excellent slate of volunteers to run for various IAAAM offices up for election at the Annual Membership Meeting in May.

We have also discussed a number of procedural questions regarding topics like: Should we allow advertising of goods and services on our website or newsletter? Should we go entirely virtual for our conference agenda and abstracts? How can we attract more international members, especially from developing areas like China and the Far East? How can we make membership more valuable for all of our members including students and vet techs? How can we best keep contact information up to date and reach out members with timely topics of interest?

We'd like to have your input. Please plan to attend the membership meeting in Cancun on May 21 or send us an email at webmaster@iaaam.org.

And remember, March 1 was the official deadline to pay your IAAAM dues on time. We extended the deadline to March 31 this year but if you have not yet paid your 2017 dues, this will be your last Newsletter and you are no longer eligible for the Member Registration rates at the 2017 Conference. Dues payment may be made anytime by credit card at the "Join IAAAM" or "Renew Membership" links on the website at <http://www.iaaam.org>.

Questions? Email tclauss@georgiaaquarium.org (Treasurer) or hendrik.nollens@seaworld.com (Membership Board Member).

We don't want to lose you!

Pam Tuomi
President, IAAAM

MESSAGE FROM THE IAAAM PRESIDENT ELECT

Hola amigos!

The upcoming conference is looking great! Leonardo and his team from Dolphinaris have put together some exciting venues and activities. The scientific program has been finalized and our esteemed Session Chairs have edited the abstracts, contacted presenters, and even come up with titles (that is an inside joke). I am proud to say that this is going to be awesome!

Let's do this thing.

Hope to see all of you very soon.

Marty

Martin Haulena
President-elect

2017 IAAAM ANNUAL MEETING

2017 IAAAM STUDENT AUCTION

A reminder: It's never too early to start gathering items to donate for the student auction that will be held during the 2017 IAAAM Conference in Cancun. If you have something to donate, please contact either Dr. Katie Colegrove: katie.colegrove@gmail.com, or Cindy Sherwood: sherwood@delaneymeetingevent.com.

SPONSOR THE EVENT

Some events and options are still available for sponsorship, and the Sponsorship Brochure is available on the website. If you have any questions or suggestions, please contact Cindy Sherwood at 802-865-5202 or sherwood@delaneymeetingevent.com.

HOTEL RESERVATIONS

Located on the beautiful beach of Cancun, the Marriott CasaMagna also offers 10 restaurants, café's, and lounges along with a fitness center and heated outdoor pool. It is approximately 20 minutes from Cancun International Airport, and shuttle service is provided for a nominal charge. For more information about the hotel and its amenities, please visit <http://www.marriott.com/hotels/travel/cunmx-casamagna-marriott-cancun-resort/>.

Overnight accommodations are available at a discounted group rate of \$145 USD/night plus local taxes. To make reservations online, please visit the IAAAM website. You can also call 1-800-223-6388 and reference "IAAAM 2017 Annual Conference" to be guaranteed the group rate. The rate is available until April 20, 2017 or until the block is sold out.

IAAAM ANNUAL MEETING VIRTUAL MESSAGE BOARD

If you are looking for a roommate or to share travel expenses, leave a message on the virtual message board by clicking here: <http://mb.boardhost.com/2017IAAAM/> . This will also be on the IAAAM Annual Meeting website.

TRAVEL ASSISTANCE & THINGS TO DO IN CANCUN

We have partnered with a global travel agency, Destination Services, that is available to assist you with making travel arrangements to and from Cancun as well as offer guidance when traveling to Mexico. They can also provide suggestions for tours and excursions while in this beautiful part of the world. There is much more to do in Cancun that extend well beyond the beach, and include such unique experiences as: visiting a turtle farm, taking a jeep tour through the jungle, or touring Mayan ruins and learning about their culture.

An agent will be on site during the conference, but to connect with them to help with your travel arrangements, please email am.groups@destinationservices.com or call (+52) 998 881 7500 extension 1280. To learn more about Destination Services, please visit their website: www.destinationservices.com.

CONFERENCE AGENDA

Please note that this is still in draft form and is subject to change.

Saturday, May 20

8:00 a.m. – 5:00 p.m.	Conference Registration
8:00 a.m. – 5:00 p.m.	Pre-Conference Workshops (<i>transportation provided for workshops not at Marriott</i>)
9:00 p.m. – 4:00 p.m.	IAAAM Board Meeting
7:00 p.m. – 11:00 p.m.	Icebreaker Event at Dolphinaris (<i>transportation provided – shuttles start boarding at 6:45pm</i>)

Sunday, May 21

Translation services will be provided for all sessions on this day

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. – 10:00a.m.	Keynote Speaker: Armando M. Jaramillo Legorreta, Ph.D.; Instituto Nacional de Ecología y Cambio Climático
10:00 a.m. – 10:30 a.m.	Break with Sponsors & Exhibitors
10:30 a.m. – 12:30 p.m.	Scientific Session 1: Aquatic Animal Medicine
12:30 p.m. – 1:30 p.m.	Lunch Break
1:30 p.m. – 2:30 p.m.	Scientific Session 2: Imaging
2:30 p.m. – 3:00 p.m.	Break with Sponsors & Exhibitors
3:00 p.m. – 5:30 p.m.	Scientific Session 3: Marine Mammals
5:30 p.m. – 6:30 p.m.	IAAAM Business Meeting
6:30 p.m. – 8:30 p.m.	Student Event

Monday, May 22

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. – 10:00 a.m.	Conference Session 4: Pathology, Parasitology, and Diagnostic Advances
10:00 a.m. – 10:30 a.m.	Break with Sponsors & Exhibitors
10:30 a.m. – 12:00 p.m.	Conference Session 5: Reptiles, Amphibians and Inverts
12:00 p.m. – 1:00 p.m.	Lunch Break
1:00 p.m. – 2:30 p.m.	Conference Session 6: Case Reports
2:30 p.m. – 3:00 p.m.	Break with Sponsors & Exhibitors
3:00 p.m. – 5:00 p.m.	Conference Session 7: Manatee and Marine Mammal Management
5:00 p.m. – 7:00 p.m.	Conundrum Session - TENTATIVE
7:00 p.m. – 10:00 p.m.	Session 8: Poster Session & Reception

Tuesday, May 23

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. – 10:00 a.m.	Conference Session 9: Fish
10:00 a.m. – 10:30 a.m.	Break with Sponsors & Exhibitors
10:30 a.m. – 12:00 p.m.	Conference Session 10: Aquatic Animal Challenges
12:00 p.m. – 5:00 p.m.	Afternoon on Own
12:00 p.m. – 1:00 p.m.	IAAAM Board Meeting
6:00 p.m. – 9:30 p.m.	Auction and Dinner at Dolphinaris (<i>transportation provided</i>)

6:00 p.m. – 7:00 p.m.	Cocktail Reception & Silent Auction
7:00 p.m. – 8:00 p.m.	Dinner & Silent Auction
8:00 p.m.	Live Auction

Wednesday, May 24

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. – 10:00 a.m.	Conference Session 11: Stranding and Molecular
10:00 a.m. – 10:30 a.m.	Break with Sponsors & Exhibitors
10:30 a.m. – 12:00 p.m.	Conference Session 12: Dolphins, Whales, and a Few Gray Seals
12:00 p.m. – 1:00 p.m.	Lunch Break
1:00 p.m. – 2:30 p.m.	Conference Session 13: Aquatic Animal Health Potpourri
2:30 p.m. – 3:00 p.m.	Break
3:00 p.m. – 5:00 p.m.	Conference Session 14: Novel Techniques
6:00 p.m. – 7:00 p.m.	Cocktail Reception
7:00 p.m. – Midnight	Banquet, Awards & Dancing

IAAAM CONFERENCE REGISTRATION IS NOW OPEN!

To register for this year's conference, please visit the IAAAM website. Your registration fee includes: admission to all scientific sessions and evening events, online access to the full Conference Proceedings starting 1 week before the meeting, snacks during the morning and afternoon breaks, and a conference giveaway.

Based on the feedback after the 2016 event, some significant changes have been made to include meal package options for breakfast and lunch. The breakfast and lunch packages include catered meals during the dates of the conference, and will be provided in a banquet room at the Marriott Conference Center. The Marriott CasaMagna also offers budget conscious priced breakfast and lunch menus in their main restaurant. For more information on what the Marriott has available, please [CLICK HERE](#) to visit their website.

Guest Registration is also available, and provides access to all evening events and a giveaway. Meal packages and additional tickets for individual evening events can be purchased as well.

2017 REGISTRATION FEES:

Registration Option	Member	Non-Member	After May 10
Full Conference Registration	\$425	\$525	+\$100
Student Full Registration	\$175	\$225	+\$100
Vet Tech	\$275	\$350	+\$100
Guest Adult	\$275		
Guest Child (4-13)	\$175		
Guest Child (3 & under)	FREE		
One Day Registration	\$175		
Pre-Conference Workshops	SEE WORKSHOP DESCRIPTION (Conference registration not required)		

MEAL PACKAGES:

Breakfast Package Adult (Sunday, Monday, Tuesday & Wednesday)	\$125
Breakfast Package Child (Sunday, Monday, Tuesday & Wednesday)	\$75
Lunch Package Adult (Sunday, Monday & Wednesday)	\$125
Lunch Package Child (Sunday, Monday & Wednesday)	\$75
Breakfast & Lunch Package Adult	\$250
Breakfast & Lunch Package Child	\$150
Meal Packages for Children 3 & under	FREE

If you have any questions or are having difficulty registering, please contact the Conference Office at either info@delaneymeetingevent.com or 802-865-5202.

IAAAM PRE-CONFERENCE WORKSHOPS

Just announced! This year there are three workshops to choose from, and they are sure to sell out quickly. To register for a workshop, please visit the IAAAM website and click on the link that says "Conference Registration". You do not need to register for the full conference and can just register for a workshop if that is all you plan to attend. If you have any questions or are having difficulty registering, please contact the Conference Office at either info@delaneymeetingevent.com or 802-865-5202.

1. Corals, Urchins, Reefs – Oh My! SOLD OUT!

Join us for an aquatic adventure in Cancun! We are teaming up Dolphinaris to introduce you to some of the key players in tropical reefs and begin to explore some of the challenges facing reefs around the world. The day will begin with a series of morning lectures at Dolphinaris. You will learn about the anatomy, physiology, health and disease of corals and urchins as well as efforts to propagate these organisms for use in restoration efforts. We will review key features of the reefs around Cancun, and discuss ongoing problems and current research.

After lunch, we will be visiting some of these reef sites, heading out in boats and snorkeling select areas to highlight some of the issues raised during the morning discussions. You will learn to identify key species and assess state of health or disease of these reef sites. We will end the day with a debriefing at Dolphinaris before heading back to the hotel to get ready for the conference ice-breaker in the evening.

Presented by: Ilze K. Berzins, Ruth Francis-Floyd, and Leonardo Ibarra Vargas

When: Saturday, May 20, 2017 from 8:00am to 5:00pm. Shuttles will pick up at the Marriott at 7:30am.

Where: Lectures and boat launch/return at Dolphinaris.

Cost: \$150

Includes: Shuttle from and return to Marriott, insurance, lunch, fins, mask and snorkel (though participants can bring their own).

Participants should plan to bring: reef safe sun lotion and long sleeve rash guards.

Minimum / Maximum Number of Participants: 8 / 16

Questions: Please contact Ilze Berzins with any questions pertaining this workshop. Ilze.K.Berzins@gmail.com

2. Advanced Dolphin Ultrasonography Workshop SOLD OUT!

Participants will be provided 2 - 2.5 hours of lecture presenting acoustic windows, descriptions of the ultrasonographic anatomy of dolphins, and the appearance of the most common pathologies detectable with ultrasonography. Protocols of examination of the digestive system, the urinary tract, the reproductive system, the pancreas, the spleen, and many lymph nodes will be represented along with examination of the thorax and the eye. Hands-on practical examinations of the animals by participants under guidance by the instructors will follow the lectures. All equipment will be provided.

Presented by: Marina Ivančić, DVM, DACVR and Pietro Saviano DVM PhD

When: Saturday, May 20, 2017 from 7:30am to 3:30pm

Where: Dolphinaris Cancun

Cost: \$200

Includes: Shuttle from and return to Marriott, light breakfast and lunch

Participants should plan to bring: Swimsuit, rash guard, cap, sunscreen

Minimum / Maximum Number of Participants: 6 / 8

JUST ADDED!!!**Advanced Dolphin Ultrasonography Lecture Only**

Participants will be provided 2 - 2.5 hours of lecture presenting acoustic windows, descriptions of the ultrasonographic anatomy of dolphins, and the appearance of the most common pathologies detectable with ultrasonography. Protocols of examination of the digestive system, the urinary tract, the reproductive system, the pancreas, the spleen, and many lymph nodes will be represented along with examination of the thorax and the eye.

Presented by: Marina Ivančić, DVM, DACVR and Pietro Saviano DVM PhD

When: Saturday, May 20, 2017 from 7:30am to 12:00pm

Where: Dolphinaris Cancun

Cost: \$100

Includes: Shuttle from and return to Marriott, light breakfast and lunch

Minimum / Maximum Number of Participants: 10

3. American College of Zoological Medicine Exam Preparation and Study Course

Anyone interested in learning more about the American College of Zoological Medicine, those that are interested in seeking Diplomate status, are in the process of preparing for examination, or any individual who is interested in in-depth, up-to-date, literature-based review lectures on zoological medicine can benefit from this course. Specific lecture topics will be announced shortly but the course will also include information on becoming board-eligible, study and test-taking strategies, an explanation of the job task analysis which represents an important aspect in examination design, networking opportunities, and mock examinations.

As there will be no traditional short course in 2017, these courses offered in association with a conference will be the only training courses offered by the ACZM in 2017.

Coordinated By: Chris Hanley, DVM, Dipl ACZM and additional instructors

When: Saturday, May 20, 2017 from 8:00am – 5:00pm

Where: Marriott, Casa Magna Resort – Room will be announced closer to the event

Cost: \$120

Includes: An electronic version of ACZM information handouts, in-depth lecture materials, lunch, and refreshments during breaks. While not included, participants will be encouraged to get dinner together to expand their networking opportunities.

Minimum / Maximum Number of Participants: 10 / Unlimited

NOMINEES FOR IAAAM BOARD

During the 2017 IAAAM Conference Business Meeting, you will be asked to vote to fill the soon to be vacant IAAAM Board positions of

- President-Elect
- Secretary
- Board Member for Communications
- Board Member for Education

Below are biographies for the nominees. These are also posted on the IAAAM Website at <http://www.iaaam.org/2017-nominees-for-iaaam-board-positions>.

President-Elect

Michael S. Renner DVM: I am a veterinarian with over twenty-five years of experience in the zoo and aquatic animal field. I received a Doctor of Veterinary Medicine (DVM) degree in 1992 from The University of Tennessee, College of Veterinary Medicine. I worked as staff and chief veterinarian for Sedgwick County Zoo, Columbus Zoo, Miami Seaquarium and SeaWorld. I have been adjunct professor with the The University of Miami, The Ohio State College of Veterinary Medicine, and currently The University of Tennessee, College of Veterinary Medicine. Since 2004 I have operated a veterinary consulting business providing service to aquatic and zoological facilities worldwide. I have presented topics on zoo and aquatic animal medicine at numerous conferences and universities, and I have published and contributed to journals and textbooks. I have been a member of IAAAM since 1992. I have been honored to serve as IAAAM secretary since 2013 and I would be highly honored to serve as president. It is an important time in our industry. I am committed to preserving the mission of IAAAM now and into the future.

Board Member for Communications

Michael B Briggs, DVM, MS: Michael graduated from the University of Idaho, *summa cum laude* with a BS in Animal Science. He then received both his DVM and MS from Washington State University immediately following his time in Idaho. From there he spent the first 20 years of his career working in AZA accredited zoos/aquaria working with a wide range of species as well as working with State Wildlife Departments and developing an international consulting company and an NGO working with free ranging carnivores in Africa. Global Veterinary Consultancy, Inc. has been in existence since working for the Chicago Zoological Society in the late 1990's. Through this Professional Corporation, Briggs has had both short and long term marine mammal consultation/clinical veterinary contracts throughout the world, including China, Japan, Malaysia, the Philippines, Myanmar, Mexico, Singapore, the United States, Portugal, and other locations. He has been an IAAAM member for over 20 years and has attended almost all conferences since the late 1980's.

He is dedicated to the practice of clinical medicine on a large variety of marine species (mammal and fish) as well as design of facilities and training of veterinarians and technicians. He is a strong supporter of the mission of IAAAM and is honored to serve on the Board.

NOTE: Michael is the current Board Member for Communications and has agreed to continue in this capacity if approved by the IAAAM membership.

Board Member for Education

Kathleen Colegrove, DVM, PhD, Dip ACVP: Dr. Katie Colegrove obtained her DVM from Virginia-Maryland Regional College of Veterinary Medicine in 2002 and went on to complete a residency in Anatomic Pathology at UC Davis. She became a diplomate of the American College of Veterinary Pathologists in 2005. Katie received her PhD in Comparative Pathology in 2008 from UC Davis and is currently a Clinical Associate Professor at the Zoological Pathology Program, College of Veterinary Medicine, University of Illinois where she has worked for the past 9 years. She is a consulting or contract pathologist for a number of marine mammal focused facilities, stranding organizations, and federal and state agencies. She has been a member of IAAAM since 2003, served on the Student Liaison Committee since 2007 and the Medway Endowment Committee since 2010, and was the Chair of the Student Liaison Committee from 2010-2014. She has been the IAAAM executive board member for education since 2014. Katie enjoys her job as an aquatic-focused veterinary pathologist as it enables her to collaborate with many IAAAM members.

NOTE: Katie is the current Board Member for Education and has agreed to continue in this capacity if approved by the IAAAM membership.

Secretary

Charles A. Manire, DVM: Charles received his BS and DVM degrees from Texas A&M University, 1971 and 1973 respectively, and after a stint with small animals and exotic pets, has been working with various marine species since 1988. He spent four years working in shark research at the Rosensteil School of Marine and Atmospheric Sciences at the University of Miami before taking a position at Mote Marine Laboratory doing both research and clinical marine medicine. After 16 years at Mote, he accepted a position with Atlantis Resort in the Bahamas where he cared for the collection of about 50,000 fish, sharks, turtles, and marine mammals. After three years at Atlantis, he returned to the US to Loggerhead Marinelife Center in Juno Beach, Florida, as the Director of Research and Rehabilitation, holding that position for the past 5 years. He has been a member of IAAAM for over 20 years and has served several years on the Student Liaison Committee.

Todd Robeck DVM, PhD: Todd is currently the VP of Theriogenology and is responsible for the development and application of assisted reproductive technologies (ART) to the animal collection at SeaWorld Parks and Entertainment. He has been the principle or co-principal investigator in developing the first successful methodology for artificial insemination in the killer whale, bottlenose dolphin, Pacific white-sided dolphin, the beluga and the Magellantic Penguin. In 1984, while working on his B.S. in Marine Biology at Texas A&M University Galveston, Dr. Robeck started his career with marine mammals as a marine animal trainer at Sea-Arama Marineworld in Galveston. In 1985, Dr. Robeck then began pursuing his Ph.D. in Reproductive Physiology at Texas A&M University. In 1987, while in graduate school he began working with SeaWorld on killer whale reproduction. While continuing his research with killer whales, he began veterinary

school in 1988. After finishing his preliminary exams for his Ph.D. in 1993 he began working for Sea World San Antonio as a veterinarian and Busch Entertainment Corporation (BEC) as a reproductive physiologist. He graduated with his Ph.D. in 1996 and in 2000 began working full time with BEC then SEA in 2009 in his current position. In 2006, Dr. Robeck co-supervised the completion of the SeaWorld & Busch Gardens Reproductive Research Center (SWBGRRRC) in San Diego California. SWBGRRRC is the only center in the world that is dedicated toward the application of sperm sexing technology and ART in exotic species. Dr. Robeck is a licensed veterinarian in Texas, and Florida and is a member of the International Association of Aquatic Animal Medicine and the International Embryo Transfer Society.

OTHER NEWS

WDA 2017 Annual International Conference July 23-28, 2017 at San Cristobal de las Casas, Chiapas, Mexico. For registration, lodging, travel and call for abstracts at: <http://www.kalaankab.org/> **Deadline for abstract submission extended until April 14th.** An interactive map of lodging options in San Cristobal is at: <http://www.kalaankab.org/travel.html>

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 on line at www.iaaam.org to all current members. 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 Michael Briggs, Newsletter Editor, at mbbriggs@ix.netcom.com.

For membership information, including address changes, contact Hendrik Nollens Hendrik.Nollens@SeaWorld.com

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

IAAAM EXECUTIVE BOARD

President: Pam Tuomi

(pamt@alaskasealife.org)

President-Elect: Martin Haulena

(martin.haulena@vanagua.org)

Past-President: Lisa Murphy

(murphyjp@vet.upenn.edu)

Treasurer: Tonya Clauss

(tclauss@georgiaaquarium.org)

Secretary: Michael Renner

(rennervet@gmail.com)

Board – Membership: Hendrik Nollens

(Hendrik.Nollens@SeaWorld.com)

Board – Communications: Michael Briggs

(mbbriggs@ix.netcom.com)

Board – Education: Katie Colegrove

(katie.colegrove@gmail.com)

IAAAM COMMITTEE CHAIRS

IAAAM Nominations and Awards:

Christopher Dold

(christopher.dold@seaworld.com)

IAAAM Site Selection:

Sam Dover (sdoverdvm@cox.net)

IAAAM Student Liaison:

Allison Tuttle (atuttle@searesearch.org)

IAAAM Conservation Committee

Nina Young (orcasconsulting@msn.com)

HONORARY LIFE MEMBERS

Don Abt

Deke Beusse*

Lanny Cornell

Lawrence Dunn

Joe Geraci *

Jack Gratzek

Ted Hammond*

Dave Huff

James McBain

Sam Ridgway

Jesse White*

Bob Wright*

Jay Hyman

William Medway*

*deceased