

# International Association for Aquatic Animal Medicine

# IAAAM News

Volume 47; Issue 1; April 2016

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### MESSAGE FROM THE IAAAM PRESIDENT ELECT

I hope that you have visited the 2016 Conference Registration pages on the iaaam.org website and begun planning to attend this year's meeting in Virginia Beach, VA on May 20-26. We had 122 abstract submissions this year and now have 6 great options for post Conference workshops included in the registration portal. Check out the workshop details in the Meeting brochure included below.

There will be lots of opportunities for networking and visiting friends at the Aquavet Anniversary "pre-conference" and annual IAAAM Ice Breaker on Saturday May 20 plus the traditional Student Workshop, Conundrums Session, Student Auction, Poster Session and Banquet. We also have important business to conduct during our Annual Membership meeting on Sunday May 21 including election of officers and board members and consideration of proposed amendments to our Constitution and By-Laws.

Mark Swingle has planned an exciting free afternoon at the Virginia Beach Aquarium with options for several unique adventures. New this year will be a MacGyver Session organized by Mike Walsh to allow members to share their ingenious solutions to some of the challenging problems in marine animal medicine and management. Stay tuned for more details!

You can register online for this year's Annual Meeting by clicking here: <a href="http://www.cvent.com/d/hfq8dy/4W">http://www.cvent.com/d/hfq8dy/4W</a> or, if you are already registered, you can add a workshop or modify your registration at any time by reopening your registration using your unique Registration ID. Be sure to check out all the pre- and post-conference opportunities in the Virginia Beach area.

The folks at Delaney and our hosts at the Virginia Aquarium & Marine Science Center have been working hard to find exhibitors and sponsorships for the conference, but your help is still needed! Please consider having your institution or organization sponsor either the conference in general or a specific conference event. We would also welcome suggestions of businesses or individuals that we might contact directly to invite participation. IAAAM conferences are unique opportunities to interact with an international group of aquatic veterinarians, researchers, and other allied professionals. For more information about conference sponsorships, please contact Cindy Sherwood at <a href="mailto:Sherwood@delaneymeetingevent.com">Sherwood@delaneymeetingevent.com</a> or Mark Swingle at MSwingle@VirginiaAquarium.com

Sincerely, Pam Tuomi, President Elect

## **KEYNOTE SPEAKERS**

Our Host, the Virginia Aquarium & Marine Science Center, is pleased to announce two very special presentations on the topic "Marine Mammals, Sea Turtles and the BP Deepwater Horizon Oil Spill." **Dr. Cynthia Smith**, National Marine Mammal Foundation, will present on marine mammals and **Dr. Brian Stacy**, NOAA Fisheries, will make the presentation on sea turtles.

**Dr. Cynthia Smith** has served as the Executive Director for the National Marine Mammal Foundation (NMMF) since 2010 and as Director of Medicine since 2009. In her role as Executive Director, Dr. Smith provides leadership to the NMMF team, guides nonprofit development, and oversees scientific advancement. Her vision for the NMMF is to grow the organization into a world-renowned national marine mammal center that strives to continuously advance medicine and science, enhance marine mammal conservation efforts, and provide humanitarian services. Dr. Smith obtained her Doctorate of Veterinary Medicine from Tufts University, during which time she also completed a veterinary thesis in aquatic biomedicine through collaboration with the Marine Biological Laboratory in Woods Hole. She then completed an internship in aquatic animal medicine at the New England Aquarium, followed by a National Research Council fellowship in collaboration with the Navy Marine Mammal Program.

**Dr. Brian Stacy** is a veterinarian with NOAA Fisheries, Office of Protected Resources, National Sea Turtle Program and a board-certified pathologist. He obtained his DVM from the University of Georgia, completed a joint residency at the University of California, Davis and San Diego Zoo, and received his PhD from the University of Florida. He works on a variety of health and mortality related issues in support of sea turtle conservation and recovery, including causes of stranding's, human impacts on protected marine species, health and disease studies, and in-water research. He regularly provides veterinary and diagnostic support for NOAA and other government agencies, stranding networks within the US and abroad, and numerous rehabilitation facilities.

**REGISTRATION** for the 2016 IAAAM Conference is now open on the IAAAM website or at <a href="http://www.cvent.com/d/hfq8dy/4W">http://www.cvent.com/d/hfq8dy/4W</a>

2016 Registration Fees			
Registration Option	Member	Non-Member	After May 10
Full Registration	\$400	\$500	+\$100
Student Full Registration	\$150	\$200	+\$100
Veterinary Technician	\$275		+\$100
Guest Adult	\$275		
Guest Child (4-13)	\$175		
Guest Child (3 & under)	FREE		
One Day Registration	\$150		
Post-Conference Workshops	See Worksho		

# **DRAFT CONFERENCE AGENDA (subject to change)**

#### Friday, May 20

6:00 pm – 10:00 pm Aquavet 40th Anniversary Party (See iaaam.org for separate registration)

#### Saturday, May 21

8:00am – 4:00pm Conference Registration

8:00 am – 4:00 pm Aquavet Scientific Sessions (See iaaam.org for separate registration)

9:00am – 4:00pm IAAAM Board Meeting

6:00pm – 9:00pm Icebreaker Event - Virginia Aquarium

#### Sunday, May 22

8:00am – 4:00pm Conference Registration 8:00am – 8:30am Welcome & Introductions

8:30am – 10:30am Plenary Sessions 10:30am – 10:45am Coffee Break

10:45am – 12:30am Scientific Sessions 12:30pm – 1:30pm Lunch Break

1:30pm – 3:30pm Scientific Session 3:30pm – 4:00pm Coffee Break

4:00pm – 5:30pm Scientific Session

5:30pm – 6:30pm IAAAM Business Meeting

6:30pm – 7:30pm Student Workshop & Conundrum Sessions

Evening On Own

#### Monday, May 23

8:00am – 4:00pm Conference Registration & Sponsor Showcase

8:00am – 10:00am Scientific Session 10:00am – 10:30am Coffee Break 10:30am – 12:00pm Scientific Session 12:00pm – 1:00pm Lunch Break 1:00pm – 4:00pm Scientific Sessions

7:00pm – 10:00pm Poster Session & Reception - Hilton

#### Tuesday, May 24

8:00am – 1:00pm Conference Registration & Sponsor Showcase

8:00am – 10:00am Scientific Session 10:00am – 10:30am Coffee Break 10:30am – 12:00pm Scientific Session 12:00pm – 1:00pm Lunch Break 12:00pm – 1:00pm Board Meeting

1:00pm – 5:00pm Virginia Aquarium Open House 5:00pm – 8:00pm Silent Auction – Virginia Aquarium

6:00pm – 7:30pm Dinner – Virginia Aquarium

8:00pm – 9:00pm Live Auction – Virginia Aquarium

#### Wednesday, May 25

8:00am – 4:30pm Conference Registration & Sponsor Showcase

9:00am - 10:15am Scientific Session 10:15am – 10:45am Coffee Break 10:45am - 12:00pm Scientific Session 12:00pm - 1:00pm Lunch Break 1:00pm - 3:30pm Scientific Session Coffee Break 3:30pm - 3:45pm 3:45pm - 5:15pm Scientific Session 6:00pm - 7:00pm **Cocktail Reception** 

7:00pm – Midnight Banquet & Awards – Hilton

#### Thursday, May 26

8:00am – 5:00pm Half Day & Full Day Post-Conference Workshops

12:00pm – 6:00pm Exhibit Tear-Down

#### Friday, May 27

8:00 am – noon ACZM Ultra Short Course (day 2)

## **HOTEL RESERVATIONS**

The conference will be held at the Hilton Virginia Beach Oceanfront in Virginia Beach, Virginia with offsite events held at the host facility; the Virginia Aquarium & Marine Science Center. The hotel was recently named to the "Best Hotels in 2015" List by U.S. News & World Report for its high-quality amenities and exceptional guest experience. The Hilton is located just steps from the sunsoaked oceanfront and boardwalk. For more information about the hotel and its amenities, please visit www.hiltonvb.com. Overnight accommodations starting on May 19 are available at a discounted group rate of \$175/night plus state and local taxes. To make reservations on line go to <a href="http://www.hilton.com/en/hi/groups/personalized/O/ORFVHHF-IAA-20160520/index.jhtml?WT.mc\_id=POG">http://www.hilton.com/en/hi/groups/personalized/O/ORFVHHF-IAA-20160520/index.jhtml?WT.mc\_id=POG</a>. You can also call 1-800-HILTONS and reference IAAAM to be guaranteed the group rate. The rate is available until April 26, 2016 or until the block is sold out.

Members wishing to find a roommate for the meeting or someone to share a ride to or from the airport can post information on the message link at <a href="https://www.iaaam.org">www.iaaam.org</a>

## **GETTING TO VIRGINIA BEACH IS EASY!**

There are two international airports within a 1-hour drive to the hotel, and plenty of transportation opportunities once you get there.

#### NORFOLK INTERNATIONAL AIRPORT

Drive Time/Distance to Hilton: 27 min/20.1 miles (757) 857-3351 www.norfolkairport.com

#### NEWPORT NEWS/WILLIAMSBURG INTERNATIONAL AIRPORT

Drive Time/Distance to Hilton: 52 min/44.7 miles (757) 877-0221 www.flyphf.com

#### **Rental Car Companies**

Alamo (800) 462-5266 www.alamo.com
Avis (800) 831-2847 www.avis.com
Budget (800) 527-0700 www.budget.com
Dollar (800) 800-4000 www.dollar.com
Enterprise (800) 736-8222 www.enterprise.com
Hertz (800) 654-3131 www.hertz.com
National (800) 227-7368 www.nationalcar.com
Thrifty (888) 400-8877 www.thrifty.com

#### **Taxi Companies**

Andy's Cab Co. (757) 461-8880 Black & White (757) 855-4444 City Wide Cabs (757) 319-3368 Duke Cab Co. (757) 202-3564 East Side Cabs (757) 718-0937 Eden Cab Co. (757) 724-5555 Norfolk Checker (757) 885-3333 Oceanside Taxi (757) 455-7602 Southside Cab Co. (757) 735-2198 Waterside Taxi Company (757) 531-6430

## **FUN THINGS TO DO AT IAAAM**

#### At the Virginia Aquarium & Marine Science Center

Explore over 800,000 gallons of one of the best aquariums and animal habitats in the country at the Virginia Aquarium & Marine Science Center. Experience our hands-on exhibits, nature path, and marshlands. Admission is free to conference delegates who show their badges; reduced admission for family and friends.

Registration and tickets for the following activities will be available March 1<sup>st</sup> on the IAAAM website.

#### The Adventure Park at Virginia Aquarium

Enjoy this zip line and aerial adventure experience in the trees above the scenic Owls Creek. Travel through the trees by zip lines that climbers "zip" across or fun challenge bridges that climbers navigate in order to get from one platform to the next. IAAAM group event on May 24, 1-4 PM, special conference rate of \$37 each for badge holder and family members. The Adventure Park is also available throughout your visit for this special conference rate.

#### Sea Adventures Boat Trips

Join us on this unforgettable 90-minute excursion aboard the Atlantic Explorer in an exploration for Virginia's most common and charismatic marine mammal, bottlenose dolphins! Each trip offers close-up observations of our marine environment and its inhabitants. IAAAM group event on Tuesday, May 24, 2:00 PM, \$12 each for badge holder and family members. Boat trips are also available throughout your visit at the special conference rate; \$17 Badge Holders and Adult Family Members, and \$12 Child Family Members.

#### Behind-the-Scenes

Take a peek at the "inner workings" of a public aquarium and find out how we care for our fish and other marine animals during a tour of selected aquarium service areas in the Bay & Ocean Pavilion. *Tue, Thur, Sat, Sun at 12:30pm (45 minutes) \$20 per person; reservations required. Call (757) 385-FISH to make a reservation.* 

#### Sensible Seafood Fest

Join friends and foodies at this annual festival on Thursday evening, May 26, to sample foods from more than 25 Sensible Seafood™ restaurant partners, attend cooking demonstrations by award-winning chefs, and learn about regional efforts focused on restoration, sustainability, and environmental stewardship. Tickets are \$65 each.

#### Movies

View documentaries of Hollywood favorites on the largest movie screen in Virginia! Each day between 9 a.m. and 5 p.m., our theater features short films and documentaries. Enjoy a movie or add one to your Aquarium visit. Big Screen Saturdays offers a different movie every week at 7:50pm. See *Ant-Man 3D* on Saturday, May 21, or *The Avengers: Age of Ultron* 3D on Saturday, May 28.

#### **Aquarium Stores**

Enjoy a 20% discount at the Aquarium stores throughout your visit by showing your conference badge.

## **Conundrums**

This is a great opportunity to discuss your most challenging cases with colleagues in an open forum led, as always, by Dr. Michael Briggs. While the session is famous for 'walk-on' cases, it's far more productive if you can prepare some slides outlining your case. Please send cases directly to Dr. Briggs at <a href="mailto:mbbriggs@ix.netcom.com">mbbriggs@ix.netcom.com</a>

Hosted by: Michael Briggs, DVM

When: Sunday, May 22<sup>nd</sup> 6:30pm – 7:30 pm.

Where: Hilton Virginia Beach

**Cost**: Included in meeting registration

Includes: Snacks

Maximum Number of Participants: Unlimited

# POST CONFERENCE WORKSHOPS – Half or Full Day Options

#### Stranded Sea Turtle Necropsy

This workshop will be a combination lecture and necropsy demonstration held at the Virginia Aquarium. The lecture portion will introduce basic necropsy techniques with an emphasis on determining cause of death, searching for signs of human interaction, using the NOAA Fisheries Sea Turtle Gross Necropsy Data Sheet and submitting tissues for histopathology analysis. The demonstration will introduce necropsy techniques on different sea turtle species and sizes.

**Presented by**: Brian Stacy, DVM, PhD, DACVP, NOAA Fisheries, Office of Protected Resources, National Sea Turtle Program and board-certified pathologist; with assistance from Sarah Rose, Virginia Aquarium & Marine Science Center, Research & Conservation Division

**When**: Thursday, May 26<sup>th</sup> 9:00am – 1:00pm

Where: Virginia Aquarium

**Cost**: \$30

Includes: Transportation to and from Aquarium, coffee and light breakfast

Minimum / Maximum Number of Participants: 5/20

#### Recommendations for Euthanasia of Stranded Cetaceans

One of the most challenging and potentially dangerous of all marine mammal stranding events is the euthanasia of a cetacean. Considerations include the welfare of the animal, personnel safety and eco-toxicological hazards as well as the availability of appropriately trained and licensed individuals. To complicate matters, these events often attract, and are played out, under public scrutiny and media attention. The Virginia Aquarium along with a collaborative team of stranding responders, veterinarians and federal marine mammal managers conducted a systematic survey of protocols, methods and chemicals employed in the euthanasia of stranded cetaceans and developed recommendations on how to conduct euthanasia safely, humanely and responsibly after the decision to euthanize has been made. The results of this effort are being developed into a NOAA Technical Memorandum and this workshop will introduce the recommendations and guidelines developed by the collaborative team.

This will be a lecture-style workshop and table-top exercise, with opportunity to assemble and work with delivery mechanisms for large whales.

Presented by: Craig Harms, North Carolina State University College of Veterinary Medicine, Department of Clinical Sciences, Center for Marine Sciences and Technology; Sue Barco, Virginia Aquarium & Marine Science Center, Research & Conservation Division

**When**: Thursday, May 26<sup>th</sup> 9:00am – 1:00pm Where: Virginia Aquarium's Interactive Theater

**Cost**: \$30

**Includes**: Transportation to and from Aquarium, coffee and light breakfast

Minimum / Maximum Number of Participants: 10/50

#### **Imaging Workshop**

Workshop will cover a variety of both fundamental and advanced concepts in marine mammal imaging. Geared towards aquatic animal veterinarians with marine mammals in their care as well as veterinary students pursuing this field. Topics will include a combination of: principles of diagnostic image acquisition and interpretation, a discussion of the five imaging modalities as they pertain to aquatic animal medicine, case presentations, and a question/answer session with Dr. Ivančić

Presented by: Marina Ivančić, DVM, DACVR, AguaVetRad

When: Thursday, May 26<sup>th</sup> 9:00am – 12:00 noon

Where: Hilton Virginia Beach

**Cost**: \$40

**Includes**: Coffee and light breakfast

Minimum / Maximum Number of Participants: 10/ Unlimited

#### **Ophthalmology and Water Quality Workshop**

This work shop will include presentations about water quality parameters, types of disinfection systems, and effects of these and environmental factors on ocular health in marine mammals.

Presented by: Ed Latson, DVM, Central Park Animal Hospital; Mike Walsh, DVM, Aquatic Animal Health Program, U of Florida and Carmen Colitz DVM, PhD., Diplomate, ACVO

**When**: Thursday, May 26<sup>th</sup> 8:00am – 5:00pm

Where: Hilton Virginia Beach

**Cost**: \$50

**Includes**: Light breakfast and afternoon break

Minimum / Maximum Number of Participants: 10 / Unlimited

#### **CL Davis Pathology of Aquatic Animals**

The 11<sup>th</sup> annual CL Davis DVM Foundation Marine Species Histopathology Workshop will be held in conjunction with the 47<sup>th</sup> annual IAAAM conference. This workshop will include a keynote lecture (presenter TBD). All participants receive DVDs of the scanned histology slides and the case write up materials. This workshop is intended for students, clinicians, and pathologists and all IAAAM members are invited to attend. This is an annual workshop with ever-changing and dynamic content. CASE SUBMISSIONS are requested and should be e-mailed to <a href="mailed-to-judy.st.leger@seaworld.com">judy.st.leger@seaworld.com</a> and <a href="mailes-erika.nilson@seaworld.com">erika.nilson@seaworld.com</a> no later than March 1.

**Program Director:** Judy St. Leger, DVM, DACVP **When**: Thursday, May 26<sup>th</sup> 9:00am – 5:00pm

Where: Hilton Virginia Beach

Cost: \$100

Includes: Light breakfast, lunch and afternoon break; a digital copy of the slides and write-

ups

Minimum / Maximum Number of Participants: 10 / 50

#### 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 2016, these courses offered in association with a conference will be the only training courses offered by the ACZM in 2016. The course has been lengthened to 1.5 days to facilitate additional study material, networking opportunities, and additional mock examinations.

**Coordinated By**: Amanda Guthrie, DVM, Dipl ACZM and additional instructors **When**: Thursday, May 26<sup>th</sup> 8:00am – 5:00pm and Friday, May 27<sup>th</sup> 8:00am – 12:00pm

Where: Hilton Virginia Beach

Cost: \$120

**Includes**: An electronic version of ACZM information handouts, in-depth lecture materials, lunch on the first course day, 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

## **IAAAM Board Member Nominees**

#### Nominated for Re-Election as Secretary (3-year term)

#### Dr. Michael Renner

I have been an IAAAM member since 1992. I have attended every domestic IAAAM conference and only missed a few of the international meetings over the last 25 years. I am honored to have been secretary of the organization for the past 3 years. I have worked in aquatic animal medicine for close to 25 years. I was staff veterinarian at Miami Seaquarium, SeaWorld, Columbus Zoo and Sedgwick County Zoo. Since 2004, I have operated a consulting business focusing primarily on marine mammal veterinary medicine at facilities worldwide. I am also an adjunct professor at the University of Tennessee, College of Veterinary Medicine. I love the IAAAM. It is an important time in our industry for leadership and support for one another as the landscape of our industry continues to change. I will be proud to serve another 3 years as secretary of the organization.

#### Nominated for Re-election as Communications Board Member (3-year term)

#### Michael B. Briggs, DVM, MS

Dr. Briggs graduated from Washington State University with a DVM degree and a year later, with an MS in Veterinary Medicine with his thesis in parasitology. During his tenure at WSU, he externed with the National Zoo, Sea World-San Diego, Los Angeles Zoo, Woodland Park, et. al. Upon graduation he spent the first 20 years of his career with AZA zoos including Wildlife Safari (Oregon) and Brookfield Zoo (Chicago). During his time at Brookfield Zoo, he began is Zoo and Aquarium consultation business, Global Veterinary Consultancy whose primary focus is marine mammal facilities and aquaria. He has consulted in all continents except Antarctica.

Briggs has been an active member of IAAAM since 1990 and attended every conference except 2 since joining. The increased activity to participate with the Board is a very rewarding part of his career and will continue to do his utmost to fulfill its directives. IAAAM is the ultimate vehicle for cross pollination of ideas, experience and procedures for the aquatic animal community and he is actively working toward reinvigorating the fish side of the aquatic animal equation.

#### Nominated for President Elect

#### Martin Haulena DVM, MSc, Dipl. ACZM

Dr. Martin Haulena graduated from the Ontario Veterinary College at the University of Guelph in 1993. He completed a clinical internship in aquatic animal medicine at Mystic Aquarium in 1996 and a Master's degree in pathobiology from the University of Guelph in 1999. He became a Diplomate of the American College of Zoological Medicine in 2007. Dr. Haulena was the Staff Veterinarian at The Marine Mammal Center in Sausalito, California for 9 years. He has been Staff Veterinarian at the Vancouver Aquarium since 2006. He serves as Adjunct Assistant Professor in the College of Veterinary Medicine at North Carolina State University and Adjunct Professor at the

University of British Columbia Fisheries Centre. He has authored over 45 scientific journal articles and book chapters.

Marty has been a very active member of IAAAM since 1995 and has missed only two meetings since then. He helped host the 2010 meeting in Vancouver. Marty considers membership in the IAAAM as one of the greatest opportunities available to individuals interested in aquatic animal health issues and has proudly served as Board Member (membership) since 2012.

#### Nominated for Board Member (membership)

#### Hendrik Nollens DVM, MS, PhD

Dr. Hendrik Nollens is a senior staff veterinarian at SeaWorld San Diego. Dr. Nollens received his veterinary degree from the University of Gent in Belgium, a master's degree in marine biology from the University of Otago, New Zealand, and a PhD in infectious diseases of marine mammals from the University of Florida. He is a former Clinical Assistant Professor in marine mammal medicine at the University of Florida. He has authored over 30 peer-reviewed papers on various topics of marine animal health and disease. He is a member of the Society for Marine Mammalogy, the International Association for Aquatic Animal Medicine, the American Veterinary Medical Association, the Wildlife Disease Association and he is the vice chair of the Working Group for Marine Mammal Unusual Mortality Events.

# CALL FOR 2016 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, or private entities. The sponsoring entity 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. 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 particular 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 1, 2016. Please submit completed applications to:

Dr. Kathleen Colegrove, IAAAM Education Board Member c/o Brookfield Zoo Animal Hospital 3300 Golf Road Brookfield IL, 60153 Email: katie.colegrove@gmail.com

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 1, 2016**.

Winners will be notified by May 6, 2016 and recognized during the 2016 IAAAM Conference in Virginia Beach.

#### **Application requirements:**

- 1. Application form (download from IAAAM website: www.iaaam.org)
- 2. Letter of intent detailing applicant's career goals and goals for the research activity.
- 3. Two (2) letters of recommendation, one of which must come from a member in good standing of IAAAM
- 4. Student's curriculum vitae (should include any other research experience with citations)
- 5. Official school transcripts for currently enrolled institution only
- 6. 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)
- 7. Student budget of estimated expenses (e.g. transportation, rent, meals) separate from direct research related expenses.
- 8. 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 time table
- 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.

## William Medway Fund

The Medway Fund is part of the IAAAM 501(c)3, so all or part of your donation is tax deductible. The fund is still in need of donations. Please click on the DONATE tab on the main IAAAM website to donate.

## **IAAAM EXECUTIVE BOARD**

President: Lisa Murphy (murphylp@vet.upenn.edu) President-Elect: Pam Tuomi (pamt@alaskasealife.org)

**Past-President**: Christopher Dold (christopher.dold@seaworld.com)

**Treasurer**: Tonya Clauss

(tclauss@georgiaaquarium.org)

**Secretary**: Michael Renner (<a href="mailto:rennervet@gmail.com">rennervet@gmail.com</a>)

**Board – Membership**: Marty Haulena (martin.haulena@vanaqua.org)

**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 (<a href="mailto:sdoverdvm@cox.net">sdoverdvm@cox.net</a>)

**IAAAM Student Liaison**:

Allison Tuttle (atuttle@searesearch.org)

**IAAAM Conservation Committee:** 

Nina Young (orcasconsulting@msn.com)

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 <a href="https://www.iaaam.org">www.iaaam.org</a> 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 <a href="mailto:mbbriggs@ix.netcom.com">mbbriggs@ix.netcom.com</a>.

For membership information, including address changes, contact Marty Haulena at martin.haulena@vanaqua.org

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

## **HONORARY LIFE MEMBERS**

Don Abt Deke Beusse\* Lanny Cornell Lawrence Dunn

Joe Geraci \* Jack Gratzek Ted Hammond\* Dave Huff

Jay Hyman William Medway\* James McBain Sam Ridgway

Jesse White\* Bob Wright

\*deceased