



International Association for Aquatic Animal Medicine

IAAAM News

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MESSAGE FROM THE IAAAM PRESIDENT ELECT

Dear Colleagues and Friends,

Well, we are just over a month away from our annual meeting and conference to be held at Sea World Gold Coast. It will be a fantastic conference. David and the rest of his team have planned an exciting social program for all of us, full of local culture and life. We're sure to get the best of what this incredible region of Australia has to offer. Take a look:

Icebreaker: We will be awed by a fantastic dolphin show whilst enjoying the hospitality of Sea World, Australia.

Poster Session: Hosted at Sea World Resort at the Waterfall Café overlooking the Broadwater. A BBQ dinner will be featured.

Dinner and Live Auction: An Australian Outback Spectacular! We will be bussed to Paradise Country where we will enjoy a good Aussie meal and some real down under entertainment including a sheep shearing demonstration, a stock horse show, and interactions with the local fauna. Afterwards the buses will take us to Australian Outback Spectacular for some drinks and dancing.

Awards Banquet: Hosted at Sea World Plaza, pre-dinner drinks will be served in Shark Bay and the surrounds after which we will move to the Plaza where we will mingle with some of our pinniped friends. An incredible three course dinner will be served with beverages.

The **Scientific program** has come together brilliantly. Thank you to all of you who have submitted abstracts for presentations and posters. The abstract submission process has not been without a few bumps, but we deeply appreciate your patience and tenacity! Included in this newsletter are some updates on the conference week.

All my very best,
Chris

45th Annual IAAAM Conference

May 17-21, 2014

Gold Coast, Australia

Registration

Registration for the conference is still open. **Early bird registration has been extended to Monday, April 14th.** All registration is done through the [IAAAM 2014 Conference Registration Page](#). Also, if you hope to take advantage of the IAAAM member discount for registration, **please make sure that your membership is up to date by April 5th.** You can renew your membership by [clicking here](#). As mentioned above, the Awards Banquet will be an excellent evening event. In order to attend you *do* need to mark it separately on your registration page. Please do not overlook this step. If you experience any problems with the registration process, please email IAAAMHelp@eventready.com or call 1-800-630-3603. If these options do not work, please email iaaam.main@gmail.com.

45th Annual IAAAM Conference Agenda*

Saturday, May 17, 2014

07:00-18:00 Registration/Information

07:00-08:30 Breakfast

09:00-16:00 IAAAM Board Meeting (Lunch)

09:00-16:00 C.L. Davis Histopathology Workshop (Lunch)

09:00-12:00 Diagnostic Imaging of Marine Mammals Workshop

09:00-13:00 Pinniped Anesthesia Workshop

09:00-13:00 Marine Mammal Life Support Systems / Water Quality Workshop

09:00-13:00 Large Cetacean Euthanasia Workshop

18:30-22:00 Icebreaker

Sunday, May 18, 2013

07:00-18:00 Registration/Information

07:30-08:25 Breakfast

08:30-09:00 Opening Remarks/Welcoming Ceremony

09:15-10:15 Plenary Session

10:15-10:45 Break

10:45-13:00 Scientific Session I: Australia's Finest

13:00-14:00 Lunch

14:00-15:30 Scientific Session II: Fish Health and Medicine

15:30-16:00 Break

16:00-17:30 Scientific Session III: Pinniped Health and Medicine

19:00-21:00 Student Meet and Greet



Monday, May 19, 2014

07:00-18:00 Registration/Information
07:00-08:30 Breakfast
09:00-10:40 Scientific Session IV: Pathology
10:40-11:00 Break
11:00-13:00 Scientific Session V: Reproduction and Nutrition
13:00-14:00 Lunch
14:30-15:50 Scientific Session VI: Turtle Health and Medicine
16:00-17:00 Scientific Session VII: Cetacean Health & Medicine I
17:00-17:45 Business Meeting
18:00-20:30 Poster Session

Tuesday, May 20, 2014

07:00-17:00 Registration/Information
07:00-08:30 Breakfast
08:40-10:40 Scientific Session VIII: Cetacean Health & Medicine II
10:40-11:00 Break
11:00-13:20 Scientific Session IX: Advanced Techniques
13:20-14:20 Lunch
13:20-14:20 2nd Board Meeting
14:30-17:30 Tour Sea World
17:30-22:00 Movie World, Dinner & Student Auction

Wednesday, May 21, 2014

07:00-13:00 Registration/Information
07:30-09:00 Breakfast
08:20-09:40 Scientific Session X: Management & Education
09:40-10:00 Break
10:00-11:20 Scientific Session XI: Immunology & Novel Research
11:20-13:00 Scientific Session XII: Case Reports I
13:00-14:00 Lunch
14:00-15:40 Scientific Sessions XIII: Case Reports II
15:40-16:00 Break
16:00-17:40 Scientific Session XIV: Sirenian Health and Medicine
19:00-22:30 Awards Banquet Dinner

*Times subject to change.

9th Annual CL Davis Histopathology Workshop

The 9th annual CL Davis DVM Foundation Marine Species Histopathology Workshop will be held on May 17th, 9am-5pm at Sea World Resort in conjunction with the IAAAM conference in Gold Coast, Australia this year. The Program Director is Judy St. Leger, DVM, DACVP.

This workshop will include a keynote lecture by Dr. Karrie Rose entitled “Pathology of Marine Species Down Under.” Dr. Rose enjoys a multi-faceted role in wildlife health research, education, and disease investigation as manager of the Australian Registry of Wildlife Health, a program of Taronga Conservation Society Australia. Karrie performs pathology diagnostics for zoo veterinarians, biologists, wildlife managers and conservation programs. Karrie’s research focuses on the application of an ecological approach to identify and understand pathogens at the interface of animal, human and environmental health. Investigations into disease outbreaks and population declines in wildlife often transform into collaborative research projects leading to the characterization of emerging pathogens. Karrie is a graduate of Western College of Veterinary Medicine, in Saskatoon. She completed her residency at the Metropolitan Toronto Zoo / Ontario Veterinary College. Karrie is known to many for making the Australian Wildlife Registry’s data and assets accessible through a web-based, spatial information management and eResearch environment.

All participants receive DVDs of the scanned histology slides and the case write up materials. Workshop registration includes materials, continental breakfast and snacks. All IAAAM members are invited to attend. Registration is limited to 50 participants and cost per person is only \$125.

Registration:

IAAAM will handle the registration and enrollment for workshops during your conference registration: 2014 IAAAM Conference Registration page. If you have questions or problems during this process, please contact IAAAM.

Clinical Conundrums

Back by popular demand, “Clinical Conundrums” is on again this year. It is a great opportunity to discuss your most challenging cases with colleagues in an open forum. The conundrums session will be led, as always, by the good Dr. Mike Briggs. Pizza and wine will be on hand for the event. It will take place on Sunday evening, May 18th, 7:00PM at the SeaWorld Resort. 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 mbriggs@ix.netcom.com

2014 IAAAM Student Auction

Just a brief reminder to please plan to attend this year’s IAAAM student auction Down Under. This is also an appeal to start looking around for some unique, amazing, appealing, one-of-a-kind items to bring as auction donations. Our auctioneer extraordinaire, Dr. Greg Lewbart, will be contributing several books from Dr. Medway’s collection and I (Lisa Murphy) am working on some other fun surprises to eat, wear, drink, and enjoy.

Please send your awesome items for the **student auction** at this year's IAAAM meeting now so you won't have to pack them. Remember, this is a great cause: helping to support the next generation of brilliant minds in aquatic animal health! If you won't be able to make it to the Gold Coast this year, but have something for the auction, please feel free to contact me before May 7, 2014 at 610-925-6217 or murphyjp@vet.upenn.edu so we can work on a transportation plan.

Auction items can be sent directly to:

Sea World Resort & Waterpark
Sea World Drive
Main Beach, Gold Coast QLD 4217
Attention: Ms. Leisa Ottley, IAAAM Auction

Don't forget the opportunity to bid on the fantastic pre-conference Auction travel opportunities listed on the iaaam.org website. Choose the "**Pre-Conference Auction Items**" link under "**Other Conference Links**" to learn about these opportunities and follow the instructions to place your bid on our website or via the IAAAM Facebook page (IAAAM 2014). Bidding ends April 15th so be sure to check it out right away.

2014 IAAAM Student Workshop

On Sunday evening, May 18 students will be treated to a fantastic presentation about Hawaiian monk seal conservation efforts in the Hawaiian Islands. All students and members are welcome to attend.

OTHER NEWS

Call for Nominations for Awards and Board Positions

If you've ever wanted to be more involved in the IAAAM, now is your chance. The board is composed of six board positions. There are four committees that support the board in activities and decisions. Please check out the "about IAAAM" section of the web page to see the current board positions and members. You can learn more about the organization and positions through reviewing the "IAAAM bylaws" by [clicking here](#). If you have any questions, please contact Dr. Judy St. Leger at judy.st.leger@seaworld.com.

IAAAM Board Nominees

Nominee for President Elect, Dr. Lisa Murphy. Dr. Lisa Murphy received her BS in Biological Sciences from Stanford University in 1992 and her VMD from the University of Pennsylvania's School of Veterinary Medicine in 1997. Dr. Murphy practiced small animal medicine for three years before joining the ASPCA's Animal Poison Control Center in Urbana, Illinois in 2000,

becoming a diplomate of the American Board of Toxicology in 2003. Dr. Murphy then worked as an Area Emergency Coordinator for USDA APHIS Veterinary Services, serving as a liaison to state, local, and federal agencies and organizations involved in animal emergency response in New England. Currently Dr. Murphy holds the position of Assistant Professor of Toxicology in the Department of Pathobiology at the University of Pennsylvania's School of Veterinary Medicine and is also celebrating her fifth year as visiting faculty for AquaVet. Dr. Murphy's current areas of research include freshwater algal toxins, and avian exposures to lead, mercury, and anticoagulant rodenticides, and is currently editing a large animal toxicology textbook due to be published in 2015. She has been a member of IAAAM since 1999 and currently is serving on the Executive Board. She is also a member of the Governor's Invasive Species Council of Pennsylvania and remains active in veterinary emergency and disaster response with an emphasis on animal decontamination issues.

Nominee for Board Member for Education, Dr. Katie Colegrove. Dr. Katie Colegrove obtained her DVM from Virginia-Maryland 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 6 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 Student Endowment Committee since 2010, and has been the Chair of the Student Liaison Committee since 2010. Katie enjoys her job as an aquatic-focused veterinary pathologist as it enables her to collaborate with many IAAAM members. She has especially enjoyed working with many IAAAM student members while serving on the Student Liaison Committee. When not behind the microscope Katie can be found chasing around her daughter Madison.

Call for IAAAM Members to Serve on Committees

As a reminder, there is an open call for volunteers to serve on IAAAM committees. What a great way to get involved! Please see list of committees and contacts below.

Student Liaison Committee – Provides an advisory role to the IAAAM on student related matters. Committee members are involved in the review of Student Travel Award applications, the judging of Student Presentations (both oral and poster) at the annual meeting, planning the student workshop at the annual meeting and assisting with the Student auction at the annual meeting, advisory to the Board on student related matters. Contact Katie Colegrove (Katie.colegrove@gmail.com) for more information.

Medway Endowment Committee – Provides oversight of the Medway Endowment. Committee members are involved in the review of applicants for the Medway scholarships, in determining the best utilization of the funds and the best means for continued growth of the endowment. Contact Lisa Murphy (murphy@vet.upenn.edu) for more information.

Site Selection Committee – Provides recommendations for future IAAAM meeting venues. Committee members will actively research and seek potential hosts for future meetings. Contact Sam Dover (sdoverdvm@cox.net) for more information.

Brought back by popular demand! Conservation Committee – Provides an advisory role, technical advice and support to the IAAAM Board on aquatic conservation issues and promotes mechanisms for effective internal communication within the membership on aquatic conservation issues. This committee is currently being formed. Contact Nina Young (nina.young@noaa.gov) for more information.

New! Conference Committee – Provides support and assistance to the host and scientific chair where needed in the planning and execution of the annual IAAAM meeting. Contact Chris Dold (Christopher.Dold@SeaWorld.com) or Tracy Romano (tromano@searesearch.org) for more information.

2014 IAAAM Membership Dues Payment

The password for Member Services on the IAAAM website has been changed for the 2014 membership year. Your membership must be current to have access to these services, so renew now if needed. If you need to refresh your memory regarding the password or have additional questions about the website, please contact the webmaster at iaaam.main@gmail.com.

As a reminder, we are now officially operating on a calendar year. Membership runs from January 1 to December 31 each year. ***All regular memberships expired December 31, 2013. Your membership must be renewed prior to April 5th, 2014 to qualify for member discounted registration at the 2014 Annual Conference.*** Complete membership information is available <http://www.iaaam.org> under the membership link, including online or downloadable new membership/renewal forms to accompany payment. After your 2014 Membership payment has been confirmed, you will receive an email with the current password to the Members Only section of the website. Please log into the Membership Directory in the Members Only section to verify that we have your contact information listed correctly as this is how we can reach you for newsletter notifications, announcements, polls and other IAAAM business. If you do not see your name, contact the Treasurer or send an email to iaaam.main@gmail.com.

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>. **If paying by check**, be sure to make your check payable to “IAAAM” and **mail your completed membership form and payment** to: IAAAM/ Pam Tuomi, DVM
c/o Alaska SeaLife Center
P.O. Box 1329
Seward, AK 99664

Questions? Email pamt@alaskasealife.org (Treasurer) or Martin.Haulena@vanaqua.org (Membership Board Member)

Congratulations 2014 Student Travel Award Winners!

The IAAAM Executive Board and Student Liaison Committee would like to congratulate the following recipients of the 2014 Student Travel Award:

Kathrine Edgar - Alaska Sealife Center
Jason Ferrante - University of Florida
Greg Frankfurter - The Marine Mammal Center
Kelsey Seitz – University of California Davis
Jessica Weeks - University of Florida
Laura Thompson – University of Connecticut

See you all in Australia, and we look forward to your presentations!

2014 IAAAM Medway Scholarship Program

****NOTE EXTENDED DEADLINE**** 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 15, 2014. Please submit completed applications to:

Dr. Lisa Murphy, IAAAM Education Board Member
PADLS New Bolton Center Toxicology Laboratory
382 W. Street Road
Kennett Square, PA 19348
610-925-6217
murphyjp@vet.upenn.edu

- Submissions can be sent either by mail or electronically (preferably in PDF format), however must be received by April 15, 2014.
- Winners will be notified by May 1, 2014 and recognized during the 2014 IAAAM Conference in Australia.

Application requirements:

- Application form
- 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; 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/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.

1. TITLE OF PROJECT	
2. STUDENT APPLICANT	
2a. NAME (last, first, middle)	2b. CURRENT DEGREE (S) (IF ANY)
3a. UNIVERSITY AND DEPARTMENT OR EQUIVALENT	3b. OFFICIAL MAILING ADDRESS (STREET, CITY, STATE, ZIP CODE) STUDENT E-MAIL ADDRESS:
3c. MAJOR OR EXPECTED DEGREE (WITH PLANNED COMPLETION DATE)	
3d. TELEPHONE AND FAX (Area code, number and extension) Tel: Fax:	
4. VERTEBRATE ANIMALS <input type="checkbox"/> NO <input type="checkbox"/> YES 5a. If "yes," IACUC APPROVAL <input type="checkbox"/> NO <input type="checkbox"/> PENDING <input type="checkbox"/> YES If "yes", DATE 5b. ANIMAL WELFARE ASSURANCE NO. _____	
5. DATES OF PROPOSED PERIOD OF SUPPORT (month/day/year) FROM THROUGH	6. TOTAL AMOUNT REQUESTED FOR PROPOSED PERIOD OF SUPPORT
7. PRINCIPAL INVESTIGATOR	
Name Title Organization Address Telephone Fax E-mail	
8. STUDENT APPLICANT CERTIFICATION AND ASSURANCE: I certify that the statements herein are true, complete and accurate to the best of my knowledge. I agree to provide the required research presentation if a grant is awarded as a result of this application.	SIGNATURE OF STUDENT APPLICANT NAMED IN 2a. DATE:
9. PRINCIPAL INVESTIGATOR CERTIFICATION AND ASSURANCE: I certify that the statements herein are true, complete and accurate to the best of my knowledge. I agree to accept responsibility for the scientific conduct of the project.	SIGNATURE OF PRINCIPAL INVESTIGATOR NAMED IN 7. DATE:

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 mailed out in June or July to current members not in attendance. 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 Stephanie Venn-Watson, Newsletter Editor, at stephanie.venn-watson@nmmf.org.

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

IAAAM EXECUTIVE BOARD

President-Elect

Christopher Dold

(christopher.dold@seaworld.com)

President

Tracy Romano (tromano@searesearch.org)

Past-President

Ilze Berzins (ilze.berzins@yahoo.com)

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Marty Haulena

(martin.haulena@vanaqua.org)

Board - Communications

Stephanie Venn-Watson

(stephanie.venn-watson@nmmf.org)

Board - Education

IAAAM COMMITTEE CHAIRS

IAAAM Nominations and Awards

Ilze Berzins (ilze.berzins@yahoo.com)

IAAAM Site Selection

Sam Dover (sdoverdvm@cox.net)

IAAAM Student Liaison

Kathleen Colegrove (katie.colegrove@gmail.com)

HONORARY LIFE MEMBERS

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Deke Beusse*

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Jay Hyman

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Jesse White*

Bob Wright

*deceased