



International Association for Aquatic Animal Medicine

IAAAM News

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What's In This Issue

MESSAGE FROM THE IAAAM PRESIDENT ELECT	2
CALL FOR STUDENT TRAVEL AWARD APPLICATIONS	3
CALL FOR ABSTRACTS	4
44TH IAAAM CONFERENCE PROGRAM - 2013.....	5
44TH IAAAM CONFERENCE WORKSHOPS.....	6
2013 IAAAM MEMBERSHIP DUES UPDATE.....	9
JOB POSTINGS	10
OTHER NEWS.....	11
Congratulations to new Diplomates of the American College of Zoological Medicine (ACZM)	11
Bill Medway Fund	12
IAAAM COMMITTEE CHAIRS	13
HONORARY LIFE MEMBERS.....	13

MESSAGE FROM THE IAAAM PRESIDENT ELECT

Hello Everyone-

The 44th IAAAM Conference is scheduled for April 21-26, 2013 in Sausalito, CA. The Marine Mammal center is our gracious host with the hotel and conference facilities at Cavallo Point Lodge, Sausalito, CA. Frances Gulland and I are working hard (and having fun) putting together a program which is informative, thought provoking, promotes discussion and is a lot of fun. Stay tuned for the conference's website, which will be coming soon.

The theme of this year's conference is "Aquatic Animal Health in a Changing World". The conference will focus on environmental and anthropogenic threats and impacts to aquatic animal health. The abstract deadline will be earlier this year due to the conference being earlier. The forms for submission will soon be available online. **Abstracts** are due January 15, 2013. We are trying to put together a few new themed sessions this year to include: "Wound Healing - Surgery, Tagging, and Beyond"; "Anthropogenic Impacts on Marine Mammals"; "Health Assessments- Up Close and From A Distance".

Workshops will be held on Sunday, April 21 before the conference begins. See the list of workshops offered in this newsletter. Costs are \$25/person per workshop to cover miscellaneous expenses. Please contact the workshop organizer directly with any questions.

Sign up for workshops will soon be on the website. Included in the week's activities is a sustainable seafood cooking class (\$40/person). There will be no workshops after the close of the meeting, but fun-filled field trips offered by our hosts instead. Information about the workshops and post conference trips will be posted on the website.

We need your help with **Sponsorships**! Please inquire whether your institution, business, or you yourself can sponsor an event or the conference in general. A list of sponsorship options is included in this newsletter and will be on the website and/or you can contact Frances Gulland (gullandf@tmmc.org) or myself (tromano@searesearch.org) directly.

We are looking forward to a meeting full of scientific discussion and sharing of ideas focused on timely issues in aquatic animal health and of course catching up with colleagues, friends and fun!

All the best-
Tracy

CALL FOR 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 April 2013. The awards are intended to defray the cost of travel to the April 21-26, 2013 conference in Sausalito, California 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, 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, inter/resident, or postdoc status. Students are highly encouraged to become active members of the IAAAM prior to submitting 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 judgement 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.

****The deadline for receipt of complete application packets will be January 15, 2013.** Applications received after the deadline will not be considered. Recipients will be contacted by February 20, 2013. **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 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:

Katie Colegrove DVM, PhD, Dip ACVP
College of Veterinary Medicine, University of Illinois at Urbana-Champaign
LUMC, Building 101, Room 0745
2160 South First Avenue
Maywood, IL 60153
Phone: 708-216-1186
Fax: 708-216-5934
Email (for questions not application materials): katie.colegrove@gmail.com

****Regardless of how they are sent, all application materials are due by January 15, 2013.****

CALL FOR ABSTRACTS

Get ready, get set, present (talk or poster)! It is time to start thinking about what you will be presenting at the upcoming conference. This year's theme is "Aquatic Animal Health in a Changing World" and will focus on environmental and anthropogenic threats and impacts to aquatic animal health and habitat. Since our meeting is earlier this year, the deadline for abstract submission is January 15, 2013! The abstract submission form will be on the website, so stay tuned. Please submit as early as possible. Follow formatting instructions to facilitate acceptance of your submission. We will try to ensure that your first choice of either an oral presentation or a poster is granted, but we reserve the right to make recommendations as to the best fit.

44TH IAAAM CONFERENCE PROGRAM - 2013

Sunday 21st April

9:00 am – 4:00 pm: Board meeting: Cavallo Lodge

Workshops: 9:00 am – 4:00 pm

Diagnostic Imaging of Marine Mammals – The Marine Mammal Center

Detection of Anthropogenic Trauma in Marine Mammals at Necropsy- The Marine Mammal Center

Oil Spill Preparedness Workshop -The Marine Mammal Center

CL Davis Pathology Workshop -Cavallo Lodge

Continuing Education: Meeting the Requirements of the National Veterinary Accreditation Program-Aquatic Animal Health Modules (Module 13: Aquatic Animal Health Regulations and Health Certification; Module 14: Evaluation of Aquatic Animals for Reportable Disease and Pathogens; Module 15: Disease Prevention and Biosecurity in Aquaculture.

6:00 pm – 9:30 pm: Icebreaker dinner, Cavallo Lodge

Monday 22nd April

8:30 am – 10:00 am: Plenary, Global Trends in Aquatic Animal Health

Introduction

Climate Change

Increasing Ocean Noise

10:00-10:30 am: Coffee Break

10:30 am -12:00 pm: Regional overviews: South America, Arctic, Antarctica, Europe, Asia, Africa

Lunch: 12:00 pm – 1:00pm

1.30 pm – 2:45 pm Panel Discussion- Unusual Mortality Events

2:45-3:15pm Coffee Break

3:15-4:15 pm Submitted talks on anthropogenic impacts on aquatic animal health

4:15-5:00 pm Business meeting

6.00 pm -7.30 pm: Student meet and greet in Sausalito

Dinner on own in Sausalito, buses and restaurant list provided

Tuesday 23rd April

8:30 am: Presentation: “Porpoises of the Golden Gate”, by Bill Keener

9:00 am – 12:00 pm: Concurrent sessions

12:00 pm – 1:00pm: Lunch

1:30 pm – 4:30 pm: Buses from Cavallo Lodge to The Marine Mammal Center

Fun runs, bike ride, tours TMMC and Nike Missile Base, Sustainable Seafood

Cooking Class

5:00 pm-7:00 pm: Posters, wine tasting reception-Cavallo Lodge

7:00 pm-9:00 pm: Dinner- Cavallo Lodge

7:00 pm: Dinner Past Presidents, Founding Members, Honorary Life Members

Wednesday 24th April

7:00 am Polar bear swim

9:00 am – 12:00 pm: Concurrent sessions

12:00 pm -1:30 pm: Lunch

12:00 pm – 1:30 pm: Board business meeting

1:30 pm – 4:00 pm: Concurrent sessions

5:00 pm: Boat from Cavallo Lodge to Pier 39, San Francisco

6:00 pm -9:00 pm Aquarium of the Bay, Auction, Dinner

Thursday 25th April

9:00 am – 4:00 pm: Submitted talks

6:00 pm - late: Banquet dinner, dancing, Cavallo Lodge

Friday 26th April

Post Conference Tours: Point Reyes National Seashore, California Academy of Sciences, Kayaking on San Francisco Bay, Wine-tasting, Monterey Bay Aquarium

44TH IAAAM CONFERENCE WORKSHOPS**Workshop #1:****Continuing Education: Meeting the Requirements of the National Veterinary Accreditation Program – Aquatic Animal Health Modules**

Given by, Janet E. Whaley, DVM (Janet.E.Whaley@aphis.usda.gov)

Sunday, April 21 1:00 – 4:00 PM; at Hotel

Accreditation is Federal Government approval of private veterinarians to perform certain official regulatory functions on its behalf. The National Veterinary Accreditation Program (NVAP) is a voluntary program that certifies private veterinary practitioners to work cooperatively with Federal veterinarians and State Animal Health Officials to protect and ensure animal health. The mission of the NVAP is “to provide private veterinary practitioners with the information they need to ensure the health of the Nations’ livestock and animal populations and to protect the public health and well-being.” Accredited veterinarians perform health certifications to ensure that animals transported between States and exported to other countries do not introduce disease. They also assist USDA conduct surveillance and monitoring for diseases of concern. They are vital to the recognition and prompt reporting of foreign animal disease incursions.

This responsibility also involves working with aquatic animal and the aquaculture industry. As an accredited veterinarian, you may work assisting in the detection, prevention and control and eradication of key aquatic animal diseases at the state, federal and international level. This could include surveillance and testing measures, educating and advising producers on disease risks,

implementing disease control strategies, assisting in the development of biosecurity plans, including cleaning and disinfection procedures, and the prevention of zoonotic disease transmission.

The NVAP published regulations which became effective February 1, 2010. There are now requirements for you to complete designated amounts of APHIS-approved supplemental training and to renew your accreditation every three years. You have also selected an accreditation category based on your scope of practice, and Category II veterinarians are eligible to receive additional training to become Qualified Accredited Veterinarians (QAVs) in specific areas of expertise such as aquaculture. You must meet the NVAP supplemental training requirements in order to maintain authorization to perform accreditation duties. **You can complete this training through the web (http://www.aphis.usda.gov/animal_health/vet_accreditation/) or by attending an APHIS approved lecture such as this workshop.**

During this workshop, you will hear from APHIS about the NVAP and the three Aquaculture Modules (Category II QAV). As an accredited veterinarian attending these lectures, you will earn up to three Category II credits. Short descriptions of the lectures are as follows:

Module 13: Aquatic Animal Health Regulations and Health Certification, you will learn about the roles of the various different regulatory agencies involved in aquatic animal health and trade, with an emphasis on USDA and the role of the accredited veterinarian. You will learn how to properly complete a health certificate for aquatic animals including how to find up-to-date state, national, and international requirements and regulations.

Module 14: Evaluation of Aquatic Animals for Reportable Diseases and Pathogens, you will learn about the how to find current listings of aquatic animal reportable diseases at the state, national and international level and how to conduct veterinary inspections of aquatic animals. You will learn about the common signs of illness and disease in aquatic animal species, how to collect and submit proper diagnostic samples and how to interpret diagnostic test results.

Module 15: Disease Prevention and Biosecurity in Aquaculture, you will learn about the importance of disease prevention in aquaculture and the risk factors for pathogen introduction and spread on aquaculture operations. You will learn how to assess and develop a site-specific biosecurity plan that will include basic disease control principles for aquatic animal operations, cleaning and disinfection protocols and other considerations for aquaculture settings.

Workshop #2:

Diagnostic Imaging of Marine Mammals

Given by, Sophie Dennison, DACVR (vetradiologist@hotmail.com) and Marina Ivancic, DACVR (aquavetrad@gmail.com)

Sunday, April 21 1:00-4:00 PM; The Marine Mammal Center

The radiology workshop will be a two part program. One part will focus on hands-on ultrasound and radiography with the objectives to demonstrate abdominal ultrasound and positioning for radiography of pinnipeds. The other part will consist of lectures and case studies to include modality choice, application and limitations of modalities, normal anatomy of cetaceans and

pinnipeds on imaging, and examples of cases demonstrating the use of modalities. Please note limited to 12 participants, so sign up early!

Workshop #3:**Oil Spill Preparedness**

Given by, Michael Ziccardi, Oiled Wildlife Care Network

(MHZiccardi@ucdavis.edu)

Sunday, April 21 9:00 AM – 1:00 PM; The Marine Mammal Center

This will be a one day training on preparedness for oil spill response to care for oiled birds, turtles and marine mammals, led by Dr. Michael Ziccardi who was the Wildlife Branch lead during the *Deepwater Horizon* oil spill response.

Workshop #4:**Detection of Anthropogenic Trauma in Marine Mammals at Necropsy**

Given by, Michael Moore, Vet. MB. PhD (mmoore@whoi.edu)

Sunday, April 21 9:00 AM – 1:00 PM; The Marine Mammal Center

Unless a suitable case presents itself, a series of presentations will be given on the following topics: Large whale necropsy techniques, diagnosing sharp, blunt and fishery trauma, and management of floating whales at sea.

Workshop #5**8th Annual CL Davis Marine Species Histopathology Workshop**

Given by, Judy St. Leger, DVM, DACVP (Judy.St.Leger@SeaWorld.com)

This workshop will include a lecture and a series of case presentations. The morning starts with a lecture related to pathology in general and as applied to aquatic species. The rest of the day includes interactive presentations of clinical cases with pathology including histology.

Workshop participants are encouraged to submit a case for presentation – but presentation is not required. All participants receive DVDs of the scanned histology slides and the case write up materials. Come and discuss some of the important questions in aquatic animal pathology. We welcome cases related to invertebrates, fishes, aquatic birds, and marine mammals.

Registration is limited to 50 participants.

2013 IAAAM MEMBERSHIP DUES UPDATE

We are now officially operating on a calendar year. Membership payment is due on January 1, 2013 for the coming year and membership runs from January 1 to December 31, 2013. March 1, 2013 is the last day to pay and still get the member registration rate at the 2013 conference in Sausalito.

There will be no early/prepayment dues discount this year but if you joined or renewed your dues anytime after the 2012 business meeting last May, you have received an extra 6 months and your membership will not expire until December 1 2013!

If you paid 2011-2012 dues before May 14, 2012, your membership was extended 6 months until the end of this calendar year (December 31, 2012) but you will need to renew before March 1 for the 2013 membership year.

Complete membership information is available <http://www.iaaam.org> under the membership link, including online or downloadable new membership/renewal forms to accompany payment. **You can also use the “Check your membership status” link if you are not sure when you joined or renewed last.**

Membership is available in the following categories:

FULL MEMBER – Persons contributing to the advancement of, or devoting a portion of their professional activities to, aquatic animal medicine practice, research, teaching or management.
\$50.00/year

STUDENT MEMBER – Students having an interest in veterinary practice, research, husbandry, management or conservation of aquatic animals. Student membership is open to all full-time undergraduate, graduate, veterinary and postdoctoral students enrolled in formal programs at academic and comparable institutions as well as individuals enrolled in full time internships and residencies. Must have a IAAAM member sponsor. (Contact Membership Board member for additional information.)
\$30.00/year

SUSTAINING MEMBER / ASSOCIATION – Individuals, institutions or associations which make significant financial contributions (\$250 or more) to sustain the IAAAM. (Contact Treasurer for additional information).

LIBRARY / INSTITUTION SUBSCRIPTION - Libraries and institutions wishing to receive our meeting proceedings.
\$70.00/year.

LIFE MEMBER - Upon professional retirement, full members in good standing for a minimum of 10 consecutive years of active membership may be afforded life membership by the Executive Committee upon petition by the member.

HONORARY LIFE MEMBER - Individuals who have made an outstanding contribution to the promotion of aquatic animal medical science and the objectives of the Association.

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

Alaska SeaLife Center
P.O. Box 1329
Seward, AK 99664

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

JOB POSTINGS

Veterinary Internship in Aquatic Animal Health

The University of Florida’s College of Veterinary Medicine and Tropical Aquaculture Laboratory (UF-TAL) (School of Forest Resources and Conservation) in partnership with the Florida Fish and Wildlife Conservation Commission (FWC) Marine Mammal Pathobiology Laboratory (MMPL), the Florida Aquarium and Tampa’s Lowry Park Zoo, have developed a two-year post-DVM training opportunity in aquatic animal health. This veterinary internship will provide veterinary experience in the areas of marine mammal pathology and stranding response, public aquarium, zoo, and aquaculture medicine.

The position will be available July 1, 2012 and the successful incumbent will spend the first year working at the FWC-MMPL (St. Petersburg, FL) and Lowry Park Zoo (Tampa, FL). The second year of the program will include a primary assignment at the Florida Aquarium (Tampa, FL) and the University of Florida Tropical Aquaculture Laboratory (Ruskin, FL). All working locations are in the Tampa Bay area of Florida.

Job duties during the first year will include assisting with research and necropsy of marine mammals, mostly manatees, at the FWC MMPL as directed by senior staff at the facility. During the first year, the intern will also spend approximately one day per week working at the Lowry Park Zoo. The zoo has a state-of-the-art manatee hospital and the incumbent will have an opportunity to develop clinical experience with manatee rehabilitation. In addition, the intern will assist the veterinarian and medical staff with care of other animals in the zoo’s diverse collection.

Assuming successful completion of the first year of training, the incumbent will be invited to transfer to the Florida Aquarium as the primary base of operations for the second year of training. Close collaboration with the UF-TAL is expected during this time, and the expectation that back-up support will be provided to the FWC-MMPL and Lowry Park Zoo as needed.

During the two year program the intern will be expected to participate in the University of Florida Aquatic Animal Health program's extensive teaching and public outreach programs.

Basic Qualifications: A DVM or equivalent degree, is required. Demonstrated research and pathology experience and a demonstrated track record in publication of research results is highly desirable. Candidates with demonstrated clinical proficiency with non-domestic species will be viewed favorably. The ability to work well with UF and FWC personnel is essential.

How to Apply: Interested persons are requested to submit a letter of application, curriculum vitae, and contact information (names, addresses, email and telephone numbers) for three professional references from whom recommendations may be requested. All of the above must be post-marked by Dec 14 2012 to be considered for initial screening. The University of Florida is an Equal Opportunity Employer.

Please send applications to Dr. Ruth Francis-Floyd, Search Committee Chair, Dept of Large Animal Clinical Sciences, College of Veterinary Medicine, PO Box 100136, University of Florida, Gainesville, FL 32610-0126; phone 352-294-4197, e-mail: Rffloyd@ufl.edu. The search committee will begin reviewing applications immediately and will continue to review applications until an appointment is made.

OTHER NEWS

Congratulations to new Diplomates of the American College of Zoological Medicine (ACZM)

The following 8 veterinarians became new Diplomates of the American College of Zoological Medicine (ACZM) 28 – 30 September 2012 in Raleigh, NC. Those with an asterisk are IAAAM members.

- Dr. Eric Anderson*
- Dr. Carol Bradford
- Dr. Kat Hadfield*
- Dr. Natalie Hall
- Dr. Timothy Potras
- Dr. Stephanie McCain
- Dr. Betsy Stringer
- Dr. Sandra Wegner

In order to become an ACZM Diplomate, one must have several years of professional experience in zoological medicine, be the primary author on at least 5 peer-reviewed publications, and successfully complete a two-day examination. A qualifying examination occurs on the first day, which includes the medicine of invertebrate, fish, avian, mammalian, amphibian and reptilian species. Candidates who pass the qualifying examination may take the certifying examination on a following day, in one of the following focus subjects: zoological companion animal, general zoo, wildlife, aquatic, avian, or amphibian/reptilian species. Successful candidates for Diplomate status must pass both the qualifying and certifying examinations. Established in 1983, the American College of Zoological Medicine is an international specialty organization

recognized by the American Veterinary Medical Association for certification of veterinarians with special expertise in zoological medicine. The ACZM is responsible for establishing training requirements, evaluating and accrediting training programs, and examining and certifying veterinarians in the veterinary specialty of zoological medicine. ACZM

Diplomates serve in responsible positions as clinical veterinarians, teachers, researchers, government officials, and administrators of other relevant programs fostering high quality medical care for non-domestic animals, and are actively involved in the discovery of new knowledge in the discipline and the dissemination of this knowledge to the veterinary profession and public.

Bill Medway Fund

It isn't too late for you to make your individual donation for this fiscal year. The Medway Fund is part of the IAAAM 501(c)3, so all or part of your donation is tax deductible. Please click here: [Medway Fund Donation](#) or use the "donate now" button on the right hand column of the IAAAM home page to donate!

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 RTF (Rich Text Format), or 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.

For dues information, contact Pam Tuomi, pamt@alaskasealife.org

IAAAM EXECUTIVE BOARD

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President-Elect

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Board-Education

Lisa Murphy (murphy@vet.upenn.edu)

IAAAM COMMITTEE CHAIRS

IAAAM Nominations and Awards

Judy St. Leger (judy.st.leger@seaworld.com)

IAAAM Site Selection

Sam Dover (sdoverdvm@cox.net)

IAAAM Student Liaison

Kathleen Colegrove (kcolegrove@lumc.edu)

Student Endowment Oversight

Committee

Tracy Romano

(tromano@MysticAquarium.org)

HONORARY LIFE MEMBERS

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Joe Geraci

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Jay Hyman

James McBain

Jesse White*

Deke Beusse*

Lawrence Dunn

Jack Gratzek

Dave Huff

William Medway*

Sam Ridgway

Bob Wright

*deceased