



IAAAM NEWS

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Craig Harms, Editor

www.iaaam.org

Mission: To advance the art and science of aquatic animal medicine and health, encourage the free exchange of knowledge in the interest of improving the health care and husbandry of domestic aquatic animals, and promote the proper conservation and management of wild aquatic animals.

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Important Dates:

Student Travel Award Applications Due **15 February**

Abstract Submission Website Closes **25 February**

<http://iaaam.omnicms.com/iaaam/2007/callforpapers.cgi>

Last Day to Become Member and Get Member Rates at Conference **28 February**

Last Day to Register at Early Rates **5 April, BUT REGISTER EARLIER**

IAAAM 38th Annual Conference
Orlando, FL May 5th to 9th, 2007

Message from the President

Dear Colleagues and Friends:

This is an exciting time for us all; The annual meeting is nearing! This means we should all be hard at work on polishing our abstracts and envisioning the sophisticated animations to include in the slides. I shant take up that valuable time with a long column but do want to share a couple of items to keep in mind.

Authors should be aware that many peer reviewed journals have limitations to what they will accept as original work. If you anticipate publishing the work you will present at the conference you may want to check with the prospective receiving editors for advice. We love to archive as much information to share as widely as possible, and abstracts should be as informative as possible, but we don't want to discourage journal publication. Speakers should keep in mind the impact of their presentation on the audience. Data, if not presented clearly can be misinterpreted. Even humor can sometimes be misinterpreted. And of course - - you do not want to lug a really, really heavy statue of a raincoat wearing, bearded, fisherperson back home with you. So to avoid the R.U. Dunn award and to be respectful of your session chairs and fellow memberpersons, watch the time.

See you all soon in sunny FLA.

William Van Bonn, D.V.M.

Flossmoor IL

Message from the President-Elect

Conference Dates Nearing: Spring is around the corner as is our annual conference (May 5th to 9th). Disney's Andy Stamper has been working hard for our benefit. It will be a great venue with a wonderful host!

Several workshops are being offered on Saturday (Marine Pathology, the ACZM Ultra-Short Course and Manatee Necropsy). Mike Walsh is also putting together an interesting evening session called "Profiles in Excellence, Lessons Learned" and Mike Briggs is bringing back the REAL conundrums session! Jot down notes about those confusing/ interesting cases for some stimulating discussion. A student evening workshop is also being planned.

I'd like to remind you to be sure your membership is paid up. We can accept membership for the 2006-07 fiscal year (July 1, 2006 to June 30, 2007) only up until the end of February. As of March 1st the membership list is complete and sent on to our conference host to check registrations. Non-members by then will have to pay the higher registration fees. In addition, IAAAM will subsidize student MEMBERS, so they have a cheaper registration fee and will have their banquet paid by the full members.

One final reminder. The abstract submission web site closes on 2-25-07, so please have your abstract in by then! It is very easy to upload your abstract. Simply go to <http://iaaam.omnicms.com/iaaam/2007/callforpapers.cgi> and follow the instructions.

I plan to add a new section to the proceedings. This section will allow past presenters to update information and research in their previous abstracts. If you plan to send information for this section, please send me an e-mail to let me know about it.

See you in Orlando in May!

Don

Donald W. Stremme, VMD

IAAAM President-elect

Dear IAAAM Members,

On behalf of the Disney family, we want to express our sincere pleasure at being your hosts for the 38th Annual IAAAM Conference, May 5th - 9th, 2007. We will host the event at Coronado Springs Resort in the middle of Walt Disney World Resorts in Orlando, Florida.

At Coronado, you will be centralized to all the Disney Theme Parks as well as SeaWorld of Orlando. The cost of a hotel room at Coronado Springs will be \$155.00 + tax per night (single/double occupancy) with a \$15 per person per night charge for each additional adult (up to four people in a room).



REGISTRATION/HOTEL: This year we will be trying something new to ease some of the pain of registration. The registration will be web-based and include the IAAAM registration as well as the added option of reserving a room at the Coronado Springs Resort. To register for **both** the conference and a room at the Coronado Springs Resort at the special conference rate, go to www.disneyurl.com/IAAAM (an optional Coronado Springs Resort registration hyperlink will be imbedded in the conference registration confirmation after you register for the conference). To register for **Coronado Springs Resort rooms only**, go to www.disneyurl.com/InternationalAssociationforAquaticAnimalMedicine or call (407) 939-1020. We request that you **REGISTER EARLY!** Disney Resorts are **VERY** popular, and you need to register early to ensure you can stay on site at the conference resort. If you prefer to stay at another hotel, reservations at other Disney resorts can be found at www.disneyworld.com. At the time of this letter, prices for various hotel rooms start at \$82 to \$279 per night depending on the resort. **Note: There is no bussing between hotels or resorts!** If you don't stay at the conference hotel, you will need a car. There is free parking at the Coronado Springs Resort. If you prefer not to stay at a Disney resort, please go to your favorite travel planning website, which will give you a plethora of choices to serve all tastes.

TRANSPORTATION: As an additional amenity for those flying into Orlando Regional Airport and staying at any of the Disney Resorts, there is the opportunity to catch the complimentary "Magical Express" from the airport to your hotel. The Magical Express will pick you up at Orlando International Airport, retrieve your checked luggage, and take you to your resort. Your luggage will go straight from the airport to your resort room, leaving no need to hassle with your luggage at baggage claim. When the meeting is over, they will do it all in reverse order. Disney's Magical Express Service is exclusively available when you stay at a Disney Resort hotel. Alternatively, you may take a limo/cab from the airport to the Lake Buena Vista area for a one-way fee of approximately \$50. Information about all transportation from the airport, including the Magical Express, can be found at <http://www.orlandoairports.net>.

WORKSHOPS: Workshops are planned for Saturday, May 5. Topics include Marine Pathology, Manatee Necropsies, and an Ultra-Short Course for the American College of Zoological Medicine.

Marine Pathology Workshop 8:00 AM - 4:30 PM

Marine Pathology Workshop 2006 will focus on diseases of marine mammals. The Keynote Speaker will be Dr. Davis Rotstein of the University of Tennessee. The workshop will consist of a keynote presentation and multiple case presentations for audience discussion and review. Cases will all have pathology findings and related discussion topics. Come for a day of investigation, discussion, and learning! Max number of participants: 50. **The Aquatic Pathology workshop will require a separate registration fee to be paid by check. Instructions for payment will be included in your confirmation letter.**

ACZM Ultra-Short Course 8:00 AM - 5:00 PM

The ACZM ultra-short course is designed to answer questions about the American College of Zoological Medicine specialty board examination process. It also provides an opportunity for those considering the examination to learn about successful strategies and suggestions for navigating the examination process. The ultra short course will include major review presentations by four ACZM diplomates on material that examinees may encounter during the examination. The emphasis will be on day 1 (general knowledge) level material but may be from any of the five specialty areas: aquatic, avian, general zoo, herps, or wildlife. One mock quiz will also be included in the day long workshop. Max number of participants unlimited.

Manatee Necropsy Techniques 1:00 PM - 5:00 PM

The purpose of this lab is to introduce participants to Florida manatee necropsy techniques. Topics discussed will include anatomy, physiology, and relevant diseases. Participants will be actively involved in necropsy. Scrubs or coveralls are a must. The rest of the equipment will be available at lab (boots or plastic cover booties, knives, etc). Max number of participants: 12.

ORGANIZED ACTIVITIES: An Ice Breaker reception is planned to take place at Disney's Animal Kingdom where a chance to tour behind the scenes at Disney's Animal Programs will also be available. The "Zoo Day" will take place at SeaWorld of Orlando followed by a dinner at The Seas at Epcot.

ENTERTAINMENT: We hope you take some time to enjoy the parks while you are here. If you are looking for discounted Park Ticket options please visit www.disneyconventionear.com/aquatic. (Please note that you must have the Macromedia Flash player installed on your computer in order to view the website.)

We look forward to seeing you in May!

Sincerely,

A handwritten signature in black ink that reads "M. Andrew Stamper". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

M. Andrew Stamper D.V.M., Dipl. A.C.Z.M.
Research Biologist/Clinical Veterinarian
Disney's Animal Programs
Walt Disney World Resorts

Call for Student Travel Award Applications

The Student Liaison Committee has been appropriated the sum of \$2000.00 to award to students intending to deliver **oral** presentations at the annual IAAAM conference in May 2007. The awards are intended to defray the cost of travel to the May 5 - 9, 2007 conference in Orlando, Florida 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. A copy of the abstract of the paper to be presented. This abstract must not exceed 500 words in length. Only abstracts will be considered.
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. The student presenter must be a member (with dues paid up-to-date) of the IAAAM.

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) will not be offered.

****In response to requests from the IAAAM membership, the deadline for receipt of the original signed applications has been extended this year to February 15, 2007.**** Applications received after the deadline will not be considered. Recipients will be contacted by March 15, 2007. **Students submitting abstracts for the travel award competition must still separately submit their presentation for acceptance into the conference proceedings.** The Secretary/Treasurer of the IAAAM will be notified and will send checks to the successful applicants. The Student Liaison Committee and the IAAAM Executive Board welcome this opportunity to assist deserving students.

Candidates should send their application information to the following address:

Lisa A. Murphy, VMD, DABT
 Assistant Professor of Toxicology
 University of Pennsylvania School of Veterinary Medicine
 New Bolton Center – Toxicology Laboratory
 382 W. Street Road
 Kennett Square, PA 19348
 Phone: 610-925-6217
 Fax: 610-925-8117
 Email: murphylp@vet.upenn.edu

The following judgment criteria will be used to evaluate applications submitted for the 2006 IAAAM student awards:

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

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

IAAAM Auction

Be thinking about (and acquiring) items for the live and silent auctions at the IAAAM conference to benefit student programs. This has been a highly successful and entertaining event at recent meetings. Contact Dr. Tracy Romano, Education Board Member, for additional information and offers to assist. (Education@iaaam.org)

REMINDER: the **Discussion Forum** in the members only section of the IAAAM web site is available for finding room mates for the conference and other topics.

Nominations Now Open for 2008 Indianapolis Prize

Nominations are being sought for **The Indianapolis Prize**, the world's leading award for animal conservation. The deadline for submission of nominations for the 2008 Indianapolis Prize is April 30, 2007. Please see link below for information, and please let me know if you need further information. Thank you. <http://www.indyzoo.com/pdf/PrizeNominations2007.pdf>

Sarah Burnette
Communications Coordinator
Indianapolis Zoo
sburnette@indyzoo.com
(317) 630-3265

Additional message from the President-Elect:

Hello members,

I am on the **AVMA Committee for the Human Animal Bond** representing zoos and aquariums. If any of you know of issues that I should bring up, please get in touch with me. The next meeting is in March.

Thanks.

Donald W. Stremme, VMD
DStremme@adventureaquarium.com

Guidelines for the Euthanasia of Nondomestic Animals

The Guidelines is an official publication of the American Association of Zoo Veterinarians, and has been endorsed by the American Association of Wildlife Veterinarians, the American Board of Veterinary Toxicology, the American College of Zoological Medicine, the Association of Avian Veterinarians, the Association of Reptilian and Amphibian Veterinarians, the Canadian Association of Zoo and Wildlife Veterinarians, and the Wildlife Disease Association.

Twenty eight authors and fifty seven reviewers contributed to the production of this 111 page document, including several IAAAM members.

In addition to sections covering the Aspects of Euthanasia and a Summary of Euthanasia Methods, there are taxon-specific recommendations for: invertebrates, fish, amphibians, reptiles, birds, monotremes, marsupials, bats, nonhuman primates, rodents and small mammals, marine mammals, sea otters, carnivores, hoofstock, swine and megavertebrates.

Guidelines for the Euthanasia of Nondomestic Animals is available now. Price is \$75/copy, plus shipping and handling charges of \$10 for North-American addresses and \$15 for non North-American addresses. Order directly from this website by using a credit card or printing an invoice and mailing funds in U.S. dollars to the AAZV Administrative Office.

<http://www.aazv.org/displaycommon.cfm?an=1&subarticlenbr=441>

Positions Available:

Aquatic Animal Veterinary Fellowship. The Animal Health Department at the New England Aquarium (NEA), Boston, Massachusetts seeks applicants for a two-year Aquatic Animal Veterinary Fellowship beginning 7/1/07. The aim of this program is to afford veterinarians the opportunity to develop skills in veterinary management at a public aquarium while participating in collaborative clinically-based research investigations pertaining to the health of captive and wild aquatic animals. The successful candidate will join a team of veterinarians, biologists, husbandry personnel, and environmental quality specialists. The Fellow will also participate in ongoing collaborative work with veterinary pathologists, pharmacologists, medical researchers, and other specialists. Evidence of recent research, scholarly productivity, and experience in aquatic animal, zoo, exotic and/or laboratory animal medicine are preferred. The candidate must have a demonstrated ability to work in a team atmosphere. An advanced, research-based, graduate degree and SCUBA certification are desirable. Candidates must possess a VMD/DVM degree, and be eligible for a Massachusetts veterinary license. New graduates will be considered. A competitive salary with generous benefits package will be offered.

This position is based in Boston, MA, but may require travel throughout New England for specialized training and/or marine animal stranding response. As directed by the senior veterinarians, the Fellow shares clinical responsibility for the New England Aquarium's (NEAq) medical caseload consisting of marine mammals, fishes, birds, reptiles, amphibians, and invertebrates [>15,000 animals]. Clinical proficiency in diagnostic testing procedures is required (e.g. biopsy collection, blood collection, radiography, ultrasound, and endoscopy). The Fellow's responsibilities also include: maintaining medical records in keeping with state and USDA regulations; conducting weekly medical rounds with other veterinary staff or independently; participating in NEAq's programs of animal quarantine and preventative health; teaching veterinary students; acting as the liaison between NEAq's medical/husbandry staff and consulting veterinarians; and working in the Aquarium Medical Center exhibit. The Fellow is responsible for conducting, compiling, and publishing the results of a clinical research project in a peer-reviewed journal (manuscript submission must be within one month after Fellowship completion), and for submitting case reports to peer-reviewed journals as directed by the Head Veterinarian. The research project will be selected by the Fellow and approved by senior veterinary staff with priority given for studies of recurrent health problems in our animal collection, research and/or rehabilitation animals. Applicants should submit a statement of career goals and interests, *curriculum vitae*, 3 letters of professional reference, and a veterinary college transcript to: HR Dept. NEAq • Central Wharf • Boston, MA 02110. The deadline for applications is 3/15/07.

NEAq is an affirmative action/equal opportunity employer.

Other job opportunities are listed at the IAAAM web site.

Upcoming Meetings and Education Opportunities

- 5 – 9 May 2007 **IAAAM**, Disney, Orlando, Florida.
- 2008 **IAAAM**, Rome, Italy.
- 23 – 24 February 2007 Shark Reef 2nd Annual Aquatic Medicine Seminar, Shark Reef at Mandalay Bay, Las Vegas, Nevada (JJewell@mandalaybay.com)
- 9 – 11 March 2007 Workshop on Beluga Whale Research, Husbandry and Management in Wild and Captive Environments. Valencia, Spain.
(http://www.cac.es/microsites/belugas_workshop/index.html)
- 14 – 18 April 2007 Association of Reptilian and Amphibian Veterinarians 14th Annual Conference, New Orleans, Louisiana. (www.arav.org)
- 20 – 22 April 2007 Special Species Symposium, Cornell University College of Veterinary Medicine, Ithaca, New York. (Brian Stockinger, Special Species Symposium 2007 Chair, bgs9@cornell.edu)
- 2 – 4 May 2007 Flavobacterium 2007, National Conservation Training Center, Shepherdstown, West Virginia
(<http://www.ars.usda.gov/Main/docs.htm?docid=14442>)
- 18 – 22 June 2007 Eastern Fish Health Workshop, Eisenhower Inn and Conference Center, Gettysburg, Pennsylvania. Contact Rocco Cipriano
(rcipriano@usgs.gov)
- 9 – 13 July 2007 Fish Histology and Histopathology, National Conservation Training Center, Shepherdstown, West Virginia. (sonia_mumford@fws.gov)
- 12 – 17 August 2007 Wildlife Disease Association Annual Conference, YMCA of the Rockies, Estes Park, Colorado.
(http://www.wildlifedisease.org/2007_Conference/index.html)
- 20 – 26 October 2007 American Association of Zoo Veterinarians/ American Association of Wildlife Veterinarians/ Nutritional Advisory Group joint conference, Knoxville, Tennessee. Title submission deadline 16 February.
(www.aazv.org or www.aawv.net).

"Health and Colony Management of Laboratory Fish" at Mount Desert Island Biological Laboratory

This course is a 1-week educational opportunity for individuals with maintenance, management or research responsibilities in which fish are used as laboratory animals. The course is offered at the Mount Desert Island Biological Laboratory, Salisbury Cove, Maine during the period of 17 - 22 September 2007. Topics to be discussed will include general system design and water quality management, anatomy and histology of fish, general fish diseases and disease management strategies. Infectious and non-infectious diseases common to all fish as well as specific diseases of importance to laboratory-maintained zebrafish will be discussed. The course will consist of lecture, laboratory exercises and discussions. During the course there will be an opportunity for students to discuss unusual and/or unsolved diagnostic case experiences from their home laboratories as problem-solving exercises. For more information on the course, please see the course web site at: <http://www.mdibl.org/courses/fishhealth07.shtml>

IAAAM Membership Information

<http://www.iaaam.org/memberinfo.htm>

Complete membership information is available at the link above, which includes downloadable new membership/renewal forms to accompany payment.

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, discounted to 40.00/year if paid by 1 July.

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. \$30.00/year, discounted to 25.00/year if paid by 1 July.

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 MEMBER - Libraries and institutions wishing to receive our newsletters and meeting proceedings. \$70.00/year, discounted to 60.00/year if paid by 1 July.

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.

Payment is due by July 1st, each year. March 1st is the last day to pay and still get the member conference registration rate. If paying by check, be sure to make your check payable to “**IAAAM.**” Please send your completed membership form and payment to:

Judy St. Leger, DVM
SeaWorld of California
500 SeaWorld Drive
San Diego, California 92109

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 those 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 Craig Harms, Newsletter Editor, at NCSU CMAST, 303 College Circle, Morehead City, NC 28557, or by phone at 252-222-6339, or by email (Newsletter@iaaam.org).

For membership information, including dues payment, and address changes contact Judy St. Leger, 500 SeaWorld Drive, San Diego, CA 92109 7904 or by phone at 619-225-4259 or by email (Membersrship@iaaam.org).

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