



INTERNATIONAL ASSOCIATION FOR AQUATIC ANIMAL MEDICINE

# *The I.A.A.A.M. News*

[www.iaaam.org](http://www.iaaam.org)

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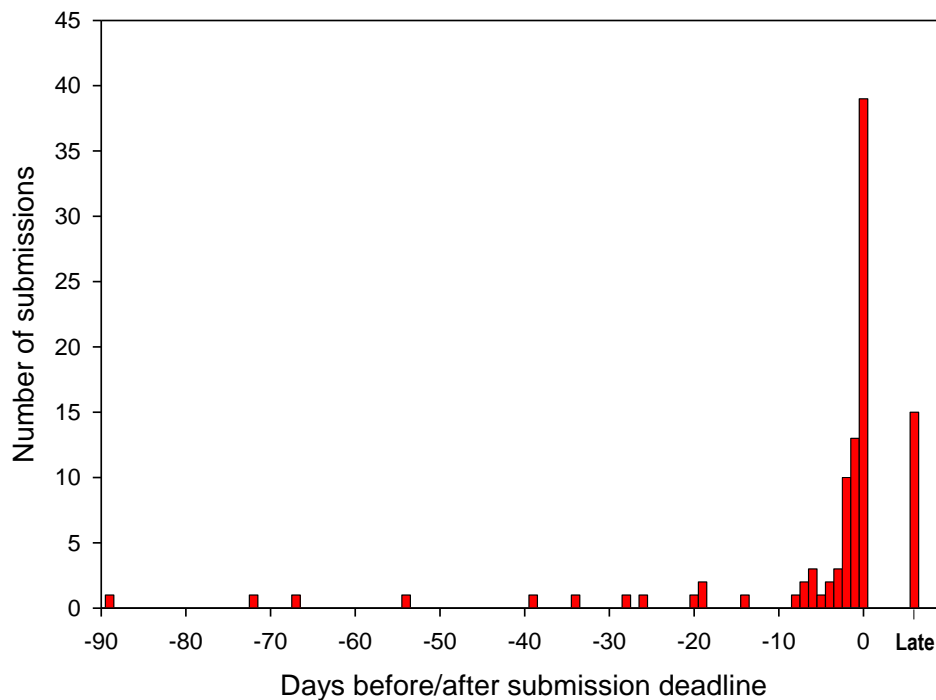
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## 2009 IAAAM MEETING AND CONFERENCE WRAP-UP

### Message from the President

Despite the economic downturn, reduced and eliminated travel budgets, and an incipient H1N1 flu scare, over 200 intrepid IAAAMers made it to our 40th annual meeting in San Antonio, Texas. A huge thanks goes to Les Dalton, Steve Osborn, and SeaWorld San Antonio for hosting us. As always, participants were active, engaged, informative, entertaining, and extraordinarily generous (posting a new record for auction proceeds this year). We were treated to 103 poster and oral presentations, divided amongst 10 sessions, with 33 student presentations. As usual, there was a predominance of marine mammal presentations (70), but all aquatic groups were represented, including amphibians (1), aquatic birds (2), fish (12), aquatic invertebrates (6), freshwater mammals (1), sea turtles (6) and freshwater turtles (1), plus mixed species (4). The scientific program for IAAAM is determined by abstract submissions – presentations on any and all aquatic taxa are always welcome. For the sake of next year's program chair, Judy St. Leger, early submissions are encouraged.

**Timing of abstract submissions for 2009 meeting**



We recognized excellence in our profession, admitting Jim McBain as honorary life member, granting Larry Dunn the Excellence in Aquatic Animal Medicine award, and conferring student presentation awards to Terry Ng, Jessica Ward, Jenny Meegan, Hope Valentine and Amelia MacRae. Judy St. Leger announced the exciting news that the match had been met for the Bill Medway Endowment in support of student activities, and prime donor Jay Hyman was on hand for the launching. An Endowment Oversight Committee has been established, consisting of Tracy Romano, Judy St. Leger, Julius Tepper, Lisa Murphy, Fiona Brooks, and Pam Tuomi, who will implement the management and distribution of funds generated from the interest to foster continued excellence in our student programs.

Shortly before our meeting, the Veterinary Information Network (VIN) had completed the process of putting the entire IAAAM proceedings archive on line, in a searchable format. This process initiated by Past-President Tom Reidarson will result in cost savings in the coming years, as well as make our organization and presenter contributions more relevant to the broader aquatic animal scientific community. The current year proceedings can be accessed by any IAAAM member by clicking on Annual Meetings, then Online Proceedings Archive, Logging In with IAAAM username and password, and clicking on the IAAAM Proceedings @ VIN. Prior year proceedings can be accessed the same way or more directly at <http://www.vin.com/Proceedings/Proceedings.aspx?orgID=76&said=-1>. Print proceedings remain an option when pre-ordered for the meeting, OR, if you couldn't make the meeting and would still like to have a print proceedings for your book shelf or your institution's library, you can order an on-demand publication copy directly from OmniPress for \$35, with a modest profit going to IAAAM from each sale.

<http://shop.omnipress.com/index.asp?PageAction=VIEWCATS&Category=42>

It was great to see you, renew friendships and exchange information in San Antonio, and I'm looking forward already to Vancouver for 2010, May 8 - 12. President-Elect/Program Chair Judy St. Leger and host Marty Haulena are hard at work planning our 41<sup>st</sup> annual meeting, so one can only imagine the fun in store.

Craig Harms  
IAAAM President

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## IAAAM Award of Excellence in Aquatic Animal Medicine

We congratulate Lawrence Dunn as our choice for the recipient of the 2008 IAAAM Award of Excellence. The following is an excerpt from the nomination letter submitted by Allison D. Tuttle, Martin Haulena, Salvatore Frasca Jr., Carrie Goertz, Todd Schmitt and Scott Willens

*"Larry", as everyone knows him, has been the veterinarian at Mystic Aquarium for 34 years and was one of the pioneers of aquatic animal medicine. During his tenure at Mystic Aquarium, he has served as interim Director of Research and Veterinary Services and Director of Animal Care. His contributions to this facility have been endless. In addition Larry has provided expert consulting services on matters of aquatic animal health to nearly thirty public and private aquariums throughout his career. Larry has contributed greatly to the collective knowledge of aquatic organisms, especially in the areas of infectious diseases of marine mammals and marine mammal strandings. He has also been a long-time member of IAAAM, a past president, and attends each and every meeting! He is also a member of the American Veterinary Medical Association, Society for Marine Mammalogy, Wildlife Diseases Association, the American Fisheries Society, and the International Veterinarians Working Group.*

*In addition to being an exceptional clinical veterinarian and expert in the field of aquatic animal medicine, Larry has also been an outstanding teacher. Larry has mentored countless students that have come through the aquarium as externs and through the Aquavet program, for which he's been a major contributor from the start. Larry lectures to the veterinary students from Tufts University, University of Pennsylvania, Cornell University, University of Florida, and Purdue University. Larry has also been on the graduate committees of several University of Connecticut graduate students and has served as an assistant professor in the marine pathology laboratory and is an adjunct professor of oceanography at the University of Rhode Island. Beyond that, Larry started and has maintained one of the veterinary community's most successful, long-lived, productive, and competitive internships in aquatic animal medicine, through which he has mentored 14 veterinary interns. Many of these interns have gone on to contribute to the field of*

*aquatic animal medicine in a variety of ways. It would be no exaggeration to assert that none of these individuals would have the opportunities they have today without Larry's guidance and mentorship, and we as a community of aquatic animal health professionals are better for this.*

*Larry has been a very active and tireless researcher as well. His excellence in research is exemplified most recently by his significant contribution to our understanding of marine Brucella; however, it is even better exemplified by the papers, abstracts, and student presentations that Larry promotes each year, many of which win presentation awards for their high-quality at international conferences such as IAAAM. Larry has amassed a list of greater than 50 publications, which itself is a testament to his contributions to the field of aquatic animal medicine. Furthermore, Larry is a good citizen of the academic community and has been a long-time peer reviewer for numerous scientific journals including the Journal of Clinical Microbiology, the Journal of Aquatic Animal Health, the Canadian Veterinary Journal, Diseases of Aquatic Organisms, Journal of Wildlife Diseases and the Journal of Marine Mammology.*

*Through his characteristics of being an excellent clinical aquatic animal veterinarian, an outstanding teacher and mentor in the field of aquatic animal medicine, and through the highest-quality research related to the health of aquatic organisms that he's done, we feel Larry embodies all of the objectives of the International Association for Aquatic Animal Medicine, and should be given the privilege of Honorary Lifetime Member as well as the IAAAM Award for Excellence in Aquatic Animal Medicine. Larry has decided to step away from his position as Staff Veterinarian and Director of Animal Care at Mystic Aquarium to assume a research and consultant role as of February 2008. In light of this decision, it seems this is the perfect time for the IAAAM and the aquatic animal medicine community to recognize Larry for his lifetime of contributions to the field and to present him with such an honor, which he is sure to cherish.*

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## **IAAAM Thanks all Involved with the 2009 Silent Auction**

This year's student auction in San Antonio raised more than \$10,000 - a record!

A huge thank you goes to Greg Lewbart, who took over all the organization at short notice, helpers Jessica Ward, Kate Freeman, Maria Serrano, Maryanne Mazzaro and, of course, Les Dalton and the very helpful SeaWorld staff. Thanks also to our donors, many of whom continue to donate generously year after year.

Let's plan on topping this in Vancouver?!

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## **Student Presentation Awards**

Congratulation to the winners of the 2009 Student Presentation Awards:

### **Veterinary and Graduate Students**

1st place (\$200): Discovering novel animal viruses using viral metagenomics - Terry Fei Fan Ng

2nd place (\$100): Use of tricaine methanesulfonate (MS222) in a model of minimum anesthetic concentration determination in goldfish - Jessica Ward

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**Postdoctoral Students, Residents, Interns**

1st place (\$200): Blood gas analysis of the Florida manatee as an aid to improve monitoring and respiratory support during health assessments - Jenny Meegan

2nd place (\$100): In vitro processing effects on the viability of hemocytes of freshwater mussels - Hope Valentine

**Posters**

1st place (\$200): A comparison of two commonly fed diets used for hand-rearing harbour seals - Amelia MacRae

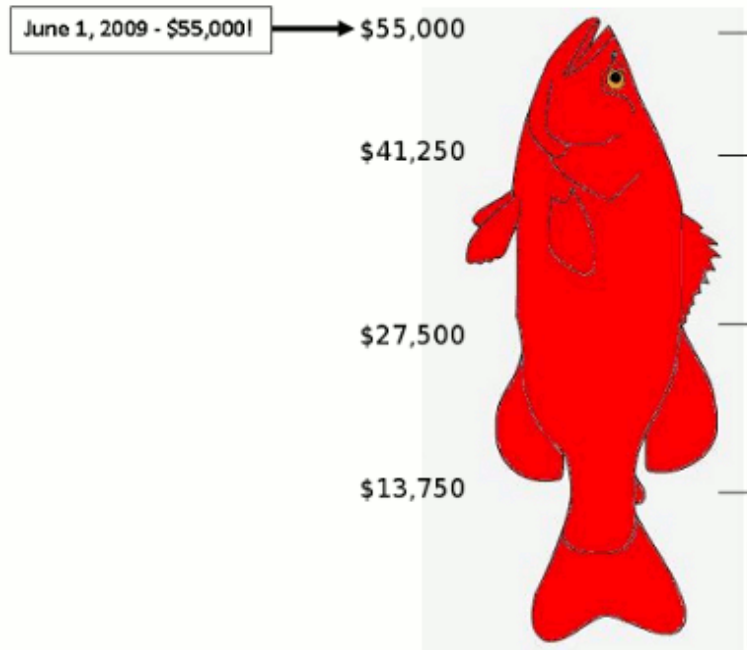
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**Medway Endowment Update**

Thank you to everyone who supported the Bill Medway Endowment fund raising efforts. As you can see, we have made our goal of \$55,000! This was no small task, especially in these hard economic times, but with the help of many generous people we've made it. As you may recall, this amount was to be matched and therefore our total for the fund is \$110,000! This fund will undoubtedly boost the quality of student projects for years to come and in turn benefit us all.

Congratulations everyone, and again thank you for your generosity!

Erika Nilson  
Pathology Veterinary Assistant  
SeaWorld San Diego  
e-mail: [erika.nilson@seaworld.com](mailto:erika.nilson@seaworld.com)  
Fax: 619-226-3951



## A MESSAGE FROM THE IAAAM TREASURER ABOUT DUES

Dear IAAAM Member:

This notice is required to be sent to all members. If you have already paid your 2009-10 dues, please disregard this notice.

July 1st is the beginning of our new fiscal year (July 1, 2009 to June 30, 2010)

Your IAAAM dues are due by July 1st of each year. Your membership fee entitles you to the newsletters available on the members-only area of the web site. Other benefits include a membership directory, a searchable online archive of the annual conference proceedings, and a reduced conference registration fee.

**Full Membership** \$50 – if paid on time (by July 1, 2009) this is discounted and you pay \$40.

**Student Membership** \$30 – if paid on time (by July 1, 2009) this is discounted and you pay \$25.

**Institutional Membership** \$70 – if paid on time (by July 1, 2009) this is discounted and you pay \$60.

While it's true we don't charge a late fee, there is a cutoff date of March 1, 2010. If you haven't paid by then, you will no longer be a member. In that case you will have to initiate your membership as a new member with a résumé and signature from a current member. This cutoff date helps us in many ways. We have a cutoff date to use to produce the membership directory. This also helps the conference host, since they will have a finalized list of members who receive the reduced conference rate.

**We highly encourage you to use the new website, with options for direct payment online**, now that it is operational. Membership dues may be charged to your credit card via a secure online entry. If this is not possible, you may also use and mail the downloadable membership form from the web site. It is available as a fill in form (fill it in and then print it), a WORD document and a PDF file. If you use the printed form option, it is important that we receive the completed form along with the dues payment to be sure that we credit the right member. The "fill in" form is preferred, since it is often difficult to decipher handwriting. Current fees and the submission address are indicated on the form. Mailed forms should be sent with payment (check or credit card information) to:

IAAAM / Dr. C. P. Driscoll  
P. O. Box 1093  
Stevensville, MD 21666

For those who use computerized systems, please be sure to update the address! Payment may be made by credit card (Visa, MasterCard or American Express are accepted) or by check. Be sure your check is made out to IAAAM.

Pam Tuomi, DVM  
IAAAM Treasurer

## PROFESSIONAL AND EDUCATIONAL OPPORTUNITIES

### Clinical Veterinarian, Walt Disney World Animal Programs

Join a dedicated, progressive group of professionals working to provide excellent health care for the Animal Programs collection at Walt Disney World.

Disney's Department of Animal Health oversees the veterinary and nutritional programs at all of the Animal Programs facilities, including Disney's Animal Kingdom, Animal Kingdom Lodge, the Seas with Nemo and Friends, the Tri-Circle D Ranch, and several other satellite facilities. Emphasis is placed on preventive health, nutrition, pathology, quarantine and disease surveillance. As Clinical Veterinarian, the successful candidate will be responsible for addressing health issues concerning a large collection of animals including birds, mammals, fish, herpetofauna and invertebrates.

Disney's Department of Animal Health maintains a large hospital team of 9 veterinarians and 20 support staff, as well as an Animal Nutrition Center with a nutritionist and 20 support staff. The Clinical Veterinarian will partner with these teams, as well as with animal husbandry managers, Life Support, and the Education and Research Departments. Opportunities for in-situ conservation work, research and teaching/training also exist.

Candidates should possess a commitment to excellence and a passion for communicating Walt Disney World's conservation message to guests and cast. You must be willing to perform appropriate medical procedures in a public viewing environment.

#### **Required qualifications:**

- DVM or equivalent degree
- Seven years of zoological medicine experience
- Florida licensure or qualifications to take the Florida State Board examination
- USDA-accreditation in the state of Florida, or eligibility to become USDA-accredited in the state of Florida
- Commitment to excellence and a passion for conservation
- Willingness to perform veterinary procedures in a public viewing environment
- Demonstrated computer skills with mainstream IBM compatible programs
- Demonstrated strong organizational skills
- Strong written and verbal communication skills
- Proven ability to participate as part of a team
- Demonstrated ability to follow directions well and handle detail-oriented information

#### **Desired qualifications:**

- ACZM board certification or eligibility
- Breadth of veterinary experience with different animal taxa
- Experience at an AZA-accredited facility

The successful candidate will receive competitive compensation and a comprehensive benefits package, including medical, dental, vision, short-term and long-term disability, life insurance, 401(k) plan, salaried retirement plan, holidays, vacation, educational reimbursement, stock purchase plan, merchandise discounts and complimentary admission media.

**Please send resume to:**

Disney Worldwide Services, Inc.  
Professional Recruitment - Animal Programs  
P.O. Box 10,000  
Lake Buena Vista, FL 32830  
[wdw.prof.recruiter@disney.com](mailto:wdw.prof.recruiter@disney.com)

EOE • Drawing Creativity from Diversity • ©Disney

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**Veterinarian - Curacao Sea Aquarium**

The Curacao Sea Aquarium, located in Willemstad, Curacao, Netherlands Antilles has a job opening for an experienced veterinarian with a specialization in Marine Mammal veterinarian care.

**The Curacao Sea Aquarium**

The Curacao Sea Aquarium ([www.curacao-sea-aquarium.com](http://www.curacao-sea-aquarium.com)) opened its facilities in 1984 and is located directly on the Caribbean Ocean.

At our premises we presently house 18 dolphins (*Tursiops truncatus*), amongst which 6 dolphins that were born in our facility during the past 6 years. Two companies offer dolphin related programs on our premises: the Curacao Dolphin Academy ([www.dolphin-academy.com](http://www.dolphin-academy.com)) and the Curacao Dolphin Therapy & Research Center N.V. ([www.curacaodolphintherapy.com](http://www.curacaodolphintherapy.com)).

We further house 8 Patagonia Sea Lions (amongst which one born in our facility in 2008) and house an extensive collection of sea turtles, tropical fish, sharks, flamingos and pelicans. All our basins are directly connected to the open ocean and all basins provide a natural habitat for our animals. We operate an open ocean programs with our dolphins and have a state of the art the food storage and preparation facilities. The Sea Aquarium and its affiliates employ 33 dedicated animal trainers.

Curacao forms part of the Kingdom of the Netherlands (together with Aruba, St. Maarten and others) and offers a stable living environment with good medical facilities, an excellent International School and a high standard of living.

**The Position:**

- As leading veterinarian you will:
- have the opportunity to set up a state of the art marine mammal veterinarian clinic at the Curacao Sea Aquarium;
- closely monitor the health of all animals housed at the Curacao Sea Aquarium;
- train all staff on animal health care and related animal husbandry topics;
- be closely involved in our educational programs;
- be responsible for reporting on a yearly basis to our government authorities on animal health topics;
- on behalf of Sea Aquarium be closely involved with the Southern Caribbean Cetacean Network Foundation ([www.sccnetwork.org](http://www.sccnetwork.org));
- at a later stage have the opportunity to participate in veterinarian consulting possibilities for other facilities in the region;
- as leading veterinarian you directly report to the board of the Curacao Sea Aquarium.



**The candidate:**

- The candidate that we are looking for:
- has a minimum of 5 years relevant working experience in a leading capacity in the Marine Mammal veterinarian care, with an emphasis on veterinarian care for dolphins;
- is a natural leader and team player;
- is a people person that enjoys a multi cultural environment;
- is an educator;
- is proficient in the English language (commanding the Spanish language is recommendable);
- is motivated by the challenge of setting up a veterinarian clinic from scratch;
- is willing to relocate to a Caribbean Island

**We offer:**

- a competitive salary and good secondary conditions of employment;
- the dedication to be the best possible facility regarding animal care;
- the possibility to expand the new veterinarian clinic in the Caribbean region (with Curacao as a home base)

For further information please contact Mike Schoon at: [mike@curacao-sea-aquarium.com](mailto:mike@curacao-sea-aquarium.com) or by telephone: (+5999) 6702480. **We welcome your application, including a resume and motivation by e-mail before June 30th 2009.**



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## MEETINGS, CONFERENCES AND EVENTS

### SeaVet II: Aquatic Veterinary Education

June 20-27, 2009 — • Gainesville, FL, USA

SeaVet Clinical Training is an intensive one-week course designed to teach veterinary medical students and veterinarians through didactic lecture, case-based problem-solving and practical experience. The program also features an educational and interactive swim session with dolphins to provide realistic exposure and hands-on training. Student participation in this program will help in the future design of a state-of-the-art SeaVet course. This is a two-credit graduate and professional class through the University of Florida. Academic credit may only be granted to UF veterinary students. Continuing education credit may be earned by veterinarians.

Space is limited ... so hurry to reserve your seat!

See <http://conference.ifas.ufl.edu/SeaVet/> for:

- General Class Information
- Tentative Agenda
- Training Sites
- Course Topics
- Course Faculty
- Field Trips
- Registration
- Hotel Accommodations
- Questions

For More Information contact:

**Dr. Mike Walsh, Program Organizer**

University of Florida  
College of Veterinary Medicine  
PO Box 100136  
Gainesville, FL 32610-0136  
Phone: 352-222-4948  
Fax: 352-846-1171  
Email: walshm@vetmed.ufl.edu

**Kim Brand, Registrar**

University of Florida/IFAS  
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PO Box 110750  
Building 639, Mowry Road  
Gainesville, FL 32611-0750  
Phone: 352-392-5930  
Fax: 352-392-9734  
Email: kimmer72@ufl.edu

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### Annual Aquatic Medicine Seminar

Shark Reef Aquarium will be hosting its Annual Aquatic Medicine Seminar on February, 19, 20 and 21, 2010 at Mandalay Bay Resort & Casino in Las Vegas, Nevada. The program consists of two full days of lecture on a wide-range of aquatic animal health and medicine topics with an emphasis on elasmobranchs. In addition there is a “wet lab” on day three that provides a “hands-on” learning experience. Attendance for the “wet lab” is limited to 30 participants based on early registration. For additional information please contact Jack Jewell at (702) 632-4560 or e-mail <mailto:mjjewell@mandalaybay.com> for additional information you are also welcome to visit our web site at [Sharkreef.com](http://Sharkreef.com)

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## International Aquaculture Biosecurity Conference 2009

### Low-rate Preregistration Deadline Extended to July 1

August 17-18, 2009  
Trondheim, Norway  
[www.IABConference.org](http://www.IABConference.org)

The IABC discounted (3500 NOK, 550 US\$, or 390 €) registration and abstract submission deadline has been extended to July 1st to accommodate increased interest from developing countries. Registered participants also receive an IABC Proceedings and a copy of the forthcoming Aquaculture Biosecurity II book to be published by Wiley-Blackwell.

If you are considering participating in the IABC, we urge you to take advantage of the discounted early registration rate and negotiated hotel rates, and submit a poster presentation abstract by July 1. Significant contributions that supplement the planned chapters of the Aquaculture Biosecurity II book will be invited to contribute additional chapters. Early travel and accommodations arrangements are strongly recommended for the participants of IABC and of the AquaNOR tradeshow (the largest in the world).

The IAB Conference is a unique venue to discuss the practical approaches for the prevention, control, and eradication of infectious and contagious aquatic animal diseases covering:

- Economic impact of disease and biosecurity programs
- Components of ideal biosecurity plans and programs
- International, regional and national strategies
- Identifying and prioritizing hazardous diseases and evaluating risks
- Determining and mitigating hazardous disease critical control points and risks
- Disease epidemiology, surveillance and monitoring
- Determining disease status and freedom
- Control and eradication contingency plans and programs
- Disease diagnostics, medical and farm record keeping
- Implementing, auditing and certifying biosecurity programs

IABC target audiences are aquaculture producers, veterinarians, and government officials willing to share opinions about practical approaches to biosecurity.

For registration, abstract submission, travel, hotel and local activities go to [www.IABConference.org](http://www.IABConference.org)

Additional information can be obtained from the IABC Secretariat ([IABCsec@iastate.edu](mailto:IABCsec@iastate.edu))

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## Sixth International Symposium on Aquatic Animal Health (ISAAH-6)

Sept. 5 - 9, 2010, in Tampa, Florida, USA

You are warmly invited to participate in the sixth International Symposium on Aquatic Animal Health (ISAAH-6), September 5 – 9 2010, in Tampa, Florida, USA. The symposium will address present practices and new initiatives in aquatic animal health focusing on infectious diseases, wild stock, aquaculture development, planning and emergency response systems, interaction of diseases between wild and farmed stocks, and outcomes of physical, chemical and biological environmental stress.

The previous international symposia on aquatic animal health have attracted strong international support, with up to 425 participants from 35 countries!

The symposium will provide an inclusive forum for presentation of research, management, and policy issues related to the health of aquatic animals, whether wild, farmed or held on exhibit. The broadest range of animals is considered, from invertebrates to fish, amphibians, chelonians and marine mammals. The four days of scientific sessions will include invited plenary lectures and special topic sessions, parallel sessions of oral presentations, a dedicated half-day poster session, a student workshop, a diagnostic challenges session, and an exhibits area for books and informational displays from participating scientific organizations.

The symposium venue will be the beautiful Tampa Marriott Waterside Hotel, which features elegant accommodations, a choice of restaurants, an outdoor pool, and waterfront terraces. Base room rates have been specially-negotiated at \$129 USD, single or double. Tampa is an eclectic city, with many nearby attractions, and is served by an excellent international airport. The symposium will be hosted by the American Fisheries Society - Fish Health Section, and will be supported by the Emerging Pathogens Institute, University of Florida. The symposium organizers are Drs. Andrew Kane and Sarah Poynton. More information is available on symposium website (<http://aquaticpath.epi.ufl.edu/isaah6>).

Please join us!

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## **American College of Veterinary Pathologists 2009 Annual Meeting**

December 5-9, Monterey Conference Center, Monterey, California

Web: [www.acvp.org/meeting](http://www.acvp.org/meeting)

Telephone: +1-608-443-2466

Email: [meetings@acvp.org](mailto:meetings@acvp.org)

The ACVP is an international organization for individuals specializing in veterinary and comparative pathology. The College's mission is to foster excellence in veterinary pathology to protect and improve animal, human, and environmental health to benefit society. The Annual Meeting provides a variety of speakers and topics. Visit <http://www.acvp.org/meeting> for the latest program outline as well as information on housing and registration.

## OTHER ITEMS

### Conservation Effort Request from Ilze Berzins

Hello fellow aquatic animal health professionals. A while back (about 5-6 years now if not more), I had requested the IAAAM membership to provide me with information on how they impact conservation efforts and got a tremendous response. I used the information for a PowerPoint lecture and have used it at various meetings and when I teach at vet schools. It is truly awesome to see what we do. I want to update the talk and would like to ask you to send me some tidbits on what you do! I would like a photo of you in the lab or field or office or courtroom, etc....and then some information on your job, title, and how it impacts conservation (actually everything we do impacts conservation in some way so please share).

Please forward the information to me at [Iberzins@FLAquarium.org](mailto:Iberzins@FLAquarium.org)

Please try to get it to me no later than July 12th. And if you would like a copy of the talk when I am done, I am more than happy to share and spread the word on the amazing things we do.

Thanks  
Ilze

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### Addendum to the 2007 IAAAM Conference Proceedings

An addendum published in the 2007 IAAAM Conference Proceedings titled *Voriconazole Dosage in Bottlenose Dolphins* was accidentally omitted from the online proceedings. This has now been fixed, but there is a link on the 2007 Conference Archive Page.

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### The National Aquatic Animal Health Plan from NOAA

The National Aquatic Animal Health Plan from NOAA in collaboration with USDA and FWS will be published soon in the Federal Register soon for public comment. Basically, when finalized this plan will provide a framework for how the federal government will address infectious diseases that affect the health of aquatic animals including finfish, crustaceans, and mollusks. The primary objectives of the NAAHP would be to facilitate the legal and safe commerce of live aquatic animals and their products; protect the health of wild and farmed aquatic animals; ensure the availability of diagnostic, inspection, and certification services; and minimize the impacts of diseases when they occur in farmed or wild aquatic animals.

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### Fish Drug Analysis-Phish-Pharm 2008

The searchable fish pharmacokinetics database "Fish Drug Analysis-Phish-Pharm 2008" has been updated and posted on-line at: <http://www.fda.gov/AnimalVeterinary/ScienceResearch/ToolsResources/Phish-Pharm/default.htm>

Phish-Pharm was first released in 2005, accompanying an article in the American Association of Pharmaceutical Scientists (AAPS) Journal: Fish Drug Analysis-Phish-Pharm: A Searchable Database of Pharmacokinetics Data in Fish, by R. Reimschuessel, L. Stewart, E. Squibb, K. Hirokawa, T. Brady, D. Brooks, B. Shaikh, C. Hodsdon, AAPS Journal. 2005; 07(02): E288-E327, article 30, <http://www.aapsj.org/view.asp?art=aapsj070230>.

The database can be freely downloaded in the form of a Microsoft Office Access file in which multiple parameters can be easily searched, a standalone Access Application or an Excel spreadsheet. In addition a 508 compliant

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searchable version for key words is also now available

<http://www.accessdata.fda.gov/scripts/fcn/fcnNavigation.cfm?rpt=phishPharmListing>

This information in the database was gathered from over 400 articles, including data from 124 species (95 genera). Data fields include genus, species, water temperatures, the average animal weight, sample types analyzed, drug (or chemical) name, dosage, route of administration, metabolites identified, method of analysis, protein binding, clearance, volume of distribution in a central compartment ( $V_c$ ) or volume of distribution at steady-state ( $V_d$ ), and drug half-lives ( $t_{1/2}$ ). Additional fields list the citation, authors, title, and Internet links. The document will be periodically updated, and users are invited to submit additional data.

Additional updates will be announced as they are available. This database is a valuable resource to investigators of drug metabolism in aquatic species as well as government and private organizations involved in the drug approval process for aquatic species.



## IAAAM MEMBERSHIP INFORMATION

Complete membership information is available <http://www.iaaam.org> under the membership link, which includes online or 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 SUBSCRIPTION** - Libraries and institutions wishing to receive our 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:

IAAAM / Dr. C. P. Driscoll  
P. O. Box 1093  
Stevensville, MD 21666

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 John C. Jones, Newsletter Editor, at [admin@iaaam.org](mailto:admin@iaaam.org).

For membership information, including dues payment, and address changes contact Cindy Driscoll at [cdriscoll@dnr.state.md.us](mailto:cdriscoll@dnr.state.md.us).

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## HONORARY LIFE MEMBERS

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\*deceased

## IAAAM COMMITTEE CHAIRS

### IAAAM Nominations and Awards

Don Stremme ([IAAAMdws@aol.com](mailto:IAAAMdws@aol.com))

### IAAAM Site Selection

Sam Dover ([sdoverdvm@cox.net](mailto:sdoverdvm@cox.net))

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Lisa Murphy ([murphyjp@vet.upenn.edu](mailto:murphyjp@vet.upenn.edu))

### Student Endowment Oversight Committee

Tracy Romano ([tromano@MysticAquarium.org](mailto:tromano@MysticAquarium.org))