



International Association for Aquatic Animal Medicine

IAAAM News

Volume 42; Issue 1; January 2011

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The logo features the letters 'IAAAM' in a large, bold, black font. The 'A's are stylized with blue and white wave patterns. Below 'IAAAM' is the text '2011 CONFERENCE' in a blue, sans-serif font, and 'Mirage Las Vegas' in a black, serif font.

The 42nd IAAAM Conference is scheduled for May 7-11, 2011 at the Mirage in Las Vegas (<http://www.mirage.com>).

**DO NOT FORGET THAT ABSTRACTS ARE DUE BY FEBRUARY 11, 2011
BOOK YOUR HOTEL ROOMS EARLY**

Registration Information

Full registration includes a registration bag, a conference agenda, a CD proceedings, a nametag*, icebreaker ticket, show ticket†, live auction/dessert ticket, banquet ticket and business lunch ticket.

Student registration includes everything except a banquet ticket.

Guest registration includes everything except the CD proceedings.

Child's registration includes a nametag*, icebreaker ticket, show ticket**, live auction/dessert ticket, banquet ticket, business lunch ticket and a T-shirt.

Registration Costs

Members \$335.00	Non-Members \$385.00
Member Guest \$225.00	Non-Member guest \$280.00
Student Member \$150.00	Children (5 and over) \$150.00
Student Non-Member \$185.00	Daily Fee \$150.00
Business lunch ticket \$25.00	Icebreaker ticket \$30.00
Banquet ticket \$50.00	Live Auction/dessert \$25.00
Student banquet ticket \$40.00	Proceedings \$35.00
Child banquet ticket \$40.00	Conference t-shirt \$15.00
Late Fee \$60.00	ACZM Short Course \$150.00
Marine Mammal Intraoral Radiology Workshop \$100.00	
Latin American Marine Mammal Veterinary Workshop \$75.00	Hotel Information

*Nametag gives free entry to Siegfried and Roys Secret Garden and Dolphin Habitat, Shark Reef Aquarium at Mandalay Bay, breakfasts and breaks

† No al la carte price for show tickets- you must register for whole conference to attend the show.

Beginning December 1st you may book your hotel rooms at the conference rates by calling 1-800-627-6667 and referencing "IAAAM". There are a limited number of rooms available at the conference rate before and after the conference (May 4th, 5th, 12th and 13th) for those who might want to tack on a few vacation days. We have to meet a certain number of room nights to keep our costs down so please consider booking your rooms early!

Room prices are:

\$125/night on May 4th, 5th, 6th, 7th, 12th and 13th

\$110/night on May 8th, 9th, 10th, and 11th

A daily Resort Fee of \$15.00 plus the current Clark County room tax of 12% will be charged. This fee includes daily newspaper at Impulse and Bell Desk, two bottled waters delivered to guest room daily, Cardio Center admission (does not include Spa access), in-room robes, notary, copy and fax services & airline boarding pass printing at The Mirage Business Service Center, in-room internet access, and unlimited local and toll free telephone calls.

Airport Information

The airport to fly into is McCarran International Airport. All of the major airlines (including Southwest) fly into this location. The hotel is located less than 5 miles from the airport. A cab ride will cost you about \$20 each way. Shuttles are available for about \$6.50 one way (\$12 to \$13 round trip).

More shuttle information at http://www.mccarran.com/03_shuttles_01.aspx

Rental Cars

BUDGET will be the official car rental supplier for the IAAAM conference. To receive the discounted rates book through www.budgetvegas.com or 702-730-0140. When making reservations you must use the PROMO CODE: **R295900** to guarantee these rates.



Car Class	Daily	Weekly
Compact	\$29.00	\$145.00
Intermediate	\$31.00	\$159.00
Full size	\$35.00	\$189.00
Premium	\$42.00	\$199.00
Luxury	\$59.00	\$299.00
Mini Van	\$59.00	\$299.00
Sport Utility	\$59.00	\$299.00
15 Passenger Van	\$139.00	\$695.00

Conference Cancellation Policy

All cancellations and request for refunds must be submitted in writing to Lisa Mazzaro (lmazzaro@mysticaquarium.org) and Pam Tuomi (pamt@alaskasealife.org) by:

- 90 days prior to the start of the conference for a 100% refund.
- 60 days prior to the start of the conference for a 75% refund.
- 30 days prior to the start of the conference for a 50% refund.
- No refunds will be granted for cancellations after 30 days prior to the start of the conference.

Requests for refunds will be processed by six weeks after the conference has ended.

Refund requests should contain:

- your name
 - the name(s) of any registered guest(s)
 - your contact information
 - list of charges (registration, activities, workshops, etc)
-

Travel Insurance

For those of you worried about last minute cancellations (after the 30 day no-refund deadline), consider purchasing travel insurance. Here is the link to one company that has been used successfully by one of our members. It includes coverage for work-related cancellations.

<http://www.accessamerica.com/AA/SelectAPlan.aspx?001002056&Product=001002055>

Vegas Advantage Card

Are you planning to have some fun adventures while you are in Las Vegas. Here's a great way to save on Shows, Dining, Attractions, Golf, and MORE!. Purchase the Vegas Advantage Card for the discounted price of \$39. For each purchase \$10 comes back to IAAAM and they have donated 4 of the cards for our student auction! (<http://www.vegasadvantagecard.com/iaaam/>)

Post Conference Trip - Red Rock Canyon Half Day Hike

Christie Hicks along with an Interpretive Guide that works at Red Rock Canyon will be leading a half day hike for 20-30 people on May 12th in the morning. You must provide your own transportation to the park which is roughly a half hour drive from The Mirage. The fee to enter is \$7.00 per car. For more information please contact Christie directly at flipperdvm@hotmail.com if you are interested. The hike itself will be free. You will not want to miss this one! There will even be a special surprise at the end! http://redrockcanyonlv.org/contact_us.html

Conference T-Shirt



Things to do in Las Vegas

<http://www.sharkreef.com/>- Shark Reef Aquarium at the Mandalay Bay

<http://www.cvent.com/en/destination-guide/las-vegas/things-to-do.shtml>

<http://vistalasvegas.com/>

<http://www.visitlasvegas.com/vegas/play/shows/index.jsp>

<http://www.vegas.com>

<http://www.lasvegasshows.com/>

<http://www.bestofvegas.com/Shows-Tickets/>

<http://www.vegastickets.com/shows>

<http://govegas.about.com/od/attractions/a/100thingstodo.htm>

<http://www.vegasfreebie.com/>

<http://www.lasvegaskids.net>- Las Vegas Kids Attractions

<http://www.springspreserve.org/> - The Springs Preserve. A fantastic jewel of a facility just about a 20 to 30 minute drive from the Strip

<http://www.vegastours.com/redrockcanyon.htm>- Red Rock Canyon tour is an easy and fun day trip either on your own or through a tour company.

<http://www.alllasvegastours.com/Hoover-Dam-Tours/Hoover-Dam-Tours/sbc-2866?pref=02&gclid=CNG5x7Pw7KECFcRM5Qodiz5xJw&aid=ltg1035>- Hoover Dam. Great return for a relatively small time and monetary commitment.

<http://www.frommers.com/destinations/grandcanyonnationalpark/H43946.html>- Grand Canyon. The link above also has Grand Canyon tours. If you have a couple days try spending the night at the South Rim in the El Tovar Hotel!

EDUCATIONAL AND PROFESSIONAL OPPORTUNITIES

ACZM Board Certification Examination

The 2011 ACZM board certification examination is scheduled for 7-9 October 2011 at North Carolina State University, College of Veterinary Medicine, Raleigh, NC. Application material can be downloaded from the ACZM website (<http://www.aczm.org>).

Applicants must submit a completed application that is postmarked or e-mail stamped no later than 31 March 2011 to the ACZM Secretary. For additional information, contact Dr. Scott Larsen, ACZM Secretary, Murray E. Fowler Veterinary Hospital, 3930 West Land Park Drive, Sacramento, CA 95822; 530-979-0704; Fax: 916-264-7602; rscottlarsen@gmail.com

Health and Colony Management of Laboratory Fish

Mount Desert Island Biological Laboratory Bar Harbor, Maine – 15 – 19 August 2011

Applications are being accepted for this 1-week educational opportunity for individuals with maintenance, management or research responsibilities in which fish are used as laboratory animals.

APPLICATION DEADLINE - JUNE 15, 2011.

The course is offered at the Mount Desert Island Biological Laboratory, Salisbury Cove, Maine during the period of 15 - 19 August 2011. 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. The course should be particularly valuable to technical staff, graduate students, postdoctoral fellows, junior faculty and investigators needing skills to monitor the health of a colony of aquatic organisms.

For more information on the course, please see the course web site at: http://www.mdibl.org/courses/Health_and_Colony_Management_of_Laboratory_Fish/182/

2011 FDA Summer Internship Program

Application Deadline March 12.

We are looking for someone this summer to work on the PhishPharm Database - researching fish pharmacokinetic data from current literature

Link to PhishPharm

<http://www.fda.gov/AnimalVeterinary/ScienceResearch/ToolsResources/Phish-Pharm/default.htm>

Link to program

<http://www.fda.gov/AboutFDA/WorkingatFDA/FellowshipInternshipGraduateFacultyPrograms/VeterinaryMedicineStudentInternships/ucm113810.htm>

Veterinarian – NOAA Fisheries

We would like to announce an employment opportunity with the NOAA Fisheries Hawaiian Monk Seal Research Program (HMSRP; Honolulu, HI). The HMSRP is hiring a Veterinary Medical Officer (Veterinarian) to oversee its Health and Disease Program (HDP).

The HMSRP studies all aspects of the biology and ecology of the endangered Hawaiian monk seal and develops tools to enhance the survival of the species across its range. The HDP investigates the role of infectious disease, parasites, and toxins (anthropogenic and naturally occurring biotoxins) in Hawaiian monk seal population is an ongoing investigation. Veterinarians conduct studies including gross necropsy and histopathology, parasitology, hematology, serology, morphometrics, microbiology, epidemiology, scat and spew analysis, population abundance/survival assessment, and reproductive rates.

The following is a list of some of the job responsibilities of the selected candidate:

1. Conducting a risk assessment of infections and implementing adaptive sampling protocols (AILSA)
2. Analyzing existing data to enable decisions about prioritizing future work etc.
3. Determine what analyses can be done with existing data and samples (~ 50,000 biological samples are in our archives)
4. Refining all protocols, including but not limited to:
 - a. Necropsy
 - b. Sedation and Anesthesia
 - c. Clinical Intervention
 - d. Biological sample archiving
 - e. Disease Surveillance
 - f. Which diagnostics tests to continue
5. Serve as the inter-agency liaison relative to HMS health and disease issues: connect with USGS, coordinate local veterinary groups, identify potential collaborators and veterinarians to provide occasional emergency care or capture and immobilization experience; contact for emerging threats, risks and more.
6. Participate in field studies and survival enhancement activities

Additional Requirements:

- Must be a U.S. citizen
- Suitable for Federal employment
- Registered for Selective Service if applicable (www.sss.gov)

To apply for this position please:

1. Visit www.usajobs.gov
2. Search for job announcement NMFS-PIC-2011-0010 (qualified applicants with Federal employment status) or NMFS-PIC-2011-0012 (all qualified US citizens)

The job announcement is now open and will be closing on January 24, 2011.

For more information on how to apply please contact:

Barb Schloetter

Phone: 206-526-6296

Email: [barbara.w.schloetter AT noaa.gov](mailto:barbara.w.schloetter@noaa.gov)

EEO Policy: The United States Government does not discriminate in employment on the basis of race, color, religion, sex, national origin, political affiliation, sexual orientation, gender identity, marital status, disability and genetic information, age, membership in an employee organization, or other non-merit factor.

CONFERENCES, CONVENTIONS AND MEETINGS

Shark Reef Aquarium Aquatic Medicine Seminar 2011



EDUCATE • INSPIRE • CONSERVE

SHARK REEF AQUARIUM
of mandalay bay

AQUATIC MEDICINE SEM MAR 2011

EDUCATE • INSPIRE • CONSERVE

Shark Reef Aquarium

Aquatic Medicine Seminar 2011

Shark Reef Aquarium will be hosting its Annual Aquatic Medicine Seminar on March 4, 5, and 6, 2011 at Mandalay Bay Resort & Casino in Las Vegas, Nevada. The program consists of two full days of lectures on a wide-range of aquatic 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.

Visit www.sharkreef.com for more information

Aquatic Medicine Seminar 2011 Presenters

Friday, March 4, 2011

Dr. Doug Mader -TBD
 Dr. Andy Stamper -Ocean Acidification-"Why You Want to Keep Your pH in Check"
 -Bacteria in the Environment - "Their Impact in Aquariums-It's Not Just About the Biofilter"
 Dr. Tim Hovanec -Biodegradable Polymers for Removing Nitrate and Phosphate: Theory and Operation
 Dr. Judy St. Leger -Marine Mammal Medicine

Friday Evening-Cocktail Mixer at the Mirage Dolphin Habitat

Saturday, March 5, 2011

Dr. Scott Weber -Managing Mycobacteriosis in Public Aquaria
 -No Bones About It: Shark Research Collaboration Between Monterey Bay Aquarium and UC Davis
 Dr. Stephen Kajiura -Sensory Physiology of Fishes
 Dr. Avery Bennett -Reptile Pharmacology
 -Anatomy and Surgical Approaches to the Coelomic Cavity in Reptiles
 Dr. Greg Lewbart -The 2010 Gulf Oil Spill and its Impact on Sea Turtles
 -Advances in Fish Anesthesia, Analgesia, and Surgery
 Dr. Jason Williams -Baseline Hematology, Plasma Biochemistry, and Nutrient Values in Captive Managed Smooth Dogfish Sharks (*Mustelus canis*)

Sunday, March 6, 2011

9:00 am to 12:00 pm Wet Lab (limited to 30 participants)
 1:00 pm to 1:30 pm Sea Turtle Conditioning Session
 1:30 pm to 4:00 pm Round Tables (Shark Reef Classroom)

Fees: Lectures \$350.00 Wet Lab \$75.00
 \$100.00 Late Fee After February 14th






Nevada's Only AZA Accredited Animal Care Facility

For additional information please contact:

Jack Jewell
 702.632.4560
jjjewell@mandalaybay.com



Shark Surgery, 2010

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 AQUARIUMS

Other News

The European Medicines Agency has published a draft concept paper for a guideline on the demonstration of palatability of veterinary medicinal products.

In companion animals, oral medicines are often formulated to mask the bitterness of a substance and/or to improve the acceptance of e.g. tablets offered from the bowl/hand or mixed into the food in order to improve owner compliance. In relation to veterinary medicine products, this often results in an applicant submitting an application for a "palatability" claim, which should be demonstrated by appropriate data.

The document is available for consultation on the following webpage:

http://www.ema.europa.eu/docs/en_GB/document_library/Scientific_guideline/2010/11/WC500099136.pdf

Comments related to this concept paper should be provided using this template<http://www.ema.europa.eu/docs/en_GB/document_library/Templates_and_Form/2009/10/WC500004016.doc>. The completed comments form should be sent to vet-guidelines@ema.europa.eu<<mailto:vet-guidelines@ema.europa.eu>>

Please note that the deadline for comments for this reflection paper is 28 February 2011.

Veterinary leadership development opportunity available for recent grads, emerging leaders

Do you know a colleague with leadership potential - or are you interested in developing your leadership skills so you can take an active role in the future of the AVMA and organized veterinary medicine?

The AVMA is offering a year-long Future Leaders Program to identify and develop volunteer leaders for the AVMA and other organized veterinary groups. Open to anyone who has graduated from veterinary school within the last 15 years, this pilot program will bolster leadership and problem-solving skills related to organized veterinary medicine.

Up to 10 participants will be chosen to take part in various leadership and project management training exercises, working with a professional facilitator, and to work together on one focused project impacting organized veterinary medicine. Details about the program, including participation requirements and nomination forms, are available on the AVMA website at:

<http://www.avma.org/services/AVMAFutureLeadersProgram.asp>.

Nominations due by March 21

Nominations, including self-nominations, are invited for participants in the 2011-2012 pilot Future Leaders Program. All nominations must be received by March 21, 2011. Preference will be given to those individuals who have previous leadership experience

and who are nominated by a principal or constituent allied veterinary medical organization of the AVMA.

Please submit nominations via email to FutureLeaders@avma.org, via fax to 847-925-9329, or via mail to AVMA Division of Scientific Activities, 1931 N. Meacham Rd, Suite 100, Schaumburg, IL 60173. All nominations should include the nomination form and a 1-2 page resume.

Know someone else who might be interested? Spread the word. If you know someone who would be a good candidate for this program, please forward this e-mail to them and invite them to submit a nomination form.

Questions?

Please email FutureLeaders@avma.org or call 800-248-2862, ext. 6636, with any questions. Thanks for your continued support, and we look forward to receiving your nominations!

Support for the 2011-2012 AVMA Future Leaders Program is generously provided by Pfizer Animal Health - a Commitment to Veterinarians!

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/ Pam Tuomi, DVM
Alaska SeaLife Center
P.O. Box 1329
Seward, AK 99664

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.

For membership information, including dues payment, and address changes contact Cindy Driscoll at cdriscoll@dnr.state.md.us.

IAAAM EXECUTIVE BOARD

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(judy.st.leger@seaworld.com)

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(lmazzaro@MysticAquarium.org)

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HONORARY LIFE MEMBERS

Don Abt	Deke Beusse*
Lanny Cornell	Lawrence Dunn
Joe Geraci	Jack Gratzek
Ted Hammond	Jay Hyman
Sam Ridgway	Bob Wright
William Medway*	Jesse White*

*deceased

IAAAM COMMITTEE CHAIRS

IAAAM Nominations and Awards

Don Stremme (IAAAMdws@aol.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)