



I.A.A.A.M. News

The International Association for Aquatic Animal Medicine

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2011 IAAAM CONFERENCE



Message from the IAAAM President Elect

The 42nd IAAAM Conference is scheduled for May 7-11, 2011 at the Mirage in Las Vegas (<http://www.mirage.com>). This year the Mirage is our hotel and conference host, so all conference events will be happening in one location! Rob Laughlin and I have been very busy planning. I made a trip out to the Mirage in September to work with Rob, the animal care staff, education staff, conference planner and caterers. For those of you who like to plan ahead, I'm including as much information as we currently have available. The IAAAM Board is looking forward to seeing everyone in Las Vegas. Stay tuned, as more information will be passed along as available.

Lisa Mazzaro
IAAAM President Elect

Call for Abstracts

It is time that those of you who are planning to present abstracts at the upcoming conference to start working on them as the deadline for abstract submission is February 11th, 2011! The abstracts will highlight your work in the area of Marine Mammals, fishes, aquatic birds, aquatic amphibians and reptiles, aquatic invertebrates. We have set up an Abstract Submission Form on our website, and you are all encouraged to submit your work as early as possible. Please be sure to read and follow the instructions on formatting and submitting [{Abstract Formatting Instructions}](#)! Abstracts submitted with no mistakes and submitted on time will be eligible to win a prize to be presented at the conference.

*New this year: a committee of IAAAM members will review abstracts and make recommendations as to whether submissions are best suited for presentations or posters.

TENTATIVE Schedule:

Saturday May 7th

- Registration Check in Opens
- Board Meeting (8:00AM)
- Workshops
 - ACZM Short Course 9:00AM to 5:00PM
 - Marine Mammal Intraoral Radiology Workshop
 - Latin American Marine Mammal Veterinary Workshop (IN SPANISH)
- Icebreaker

Sunday May 8th

- Scientific Sessions and Exhibitor Booths Open (8:00AM to 5:00PM)
- Business Meeting (Lunchtime)
- Evening
 - Student Workshop
 - Marine Mammal Conundrums Session
 - Fish Conundrums Session (tentative)

Monday May 9th

- Breakfast/Poster Session (7:30 to 9:00AM)
- Scientific Sessions and Exhibitor Booths Open (9:00AM to 5:30PM)
- Evening on your own

Tuesday May 10th

- Scientific Sessions and Silent Auction Item Bidding (8:00AM to 5:00PM)
- Second Board Meeting (Lunchtime)
- Dinner on your own
- Terry Fator Show at the Mirage (7:30 PM) **I loved it!**
- Live Auction/Dessert/Bar and also pay for silent auction items (9:00PM)

Wednesday May 11th

- Scientific Sessions (8:00AM to 4:00PM)
- Evening
 - Cocktail hour
 - Banquet

Thursday May 12th

- 6th annual CL Davis Marine Species Histopathology Workshop (9:00AM to 5:00PM)

Conference Registration

Registration will open the first week of January. Registration and workshop costs TBA.

Workshops Information

ACZM Short Course [May 7th, 9:00AM to 5:00PM]

The American College of Zoological Medicine's Education Committee is proud to sponsor a 1-day ultra-short course in conjunction with the International Association for Aquatic Animal Veterinarians 2010 Conference. The annual conference will take place in Las Vegas, NV from May 7th – 11th, 2011. The ACZM Ultra-short Course will be held on Saturday, May 7th from 9:00AM to 5:00PM. Please note that this is prior to the start of the main scientific program on Sunday May 8th. Important topics in aquatic animal medicine will be presented in a series of mini-lectures, and the ACZM boards preparation process will be discussed, with practice exam sections. Click on this [link](#) for more information. *Workshop Registration \$150*

Marine Mammal Intraoral Radiology Workshop [May 7th, 12:00PM to 4:00PM]

This workshop will be 25% lecture and 75% hands on. It is an opportunity to learn efficient positioning techniques to get consistent diagnostic images in a variety of marine mammals. The lecture will discuss equipment necessary to take intraoral radiographs in marine mammals, radiographic positioning and diagnosis of intraoral disease. The hands-on portion will be positioning skulls and taking radiographs using dental radiographic units with digital sensor and or CR digital plates and software. Wet lab will be geared to meet the needs of the participants with multiple stations. Participants will also learn more about using the various software enhancements, image orientation and film processing troubleshooting as well as interpretation of findings and how that translates to treatment options for common dental and oral pathology. *Workshop Registration \$75*

Latin American Marine Mammal Veterinary Workshop [May 7th, 9:00AM to 5:00PM]

This workshop will be 100% lectures in Spanish focusing on topics that Latin American Veterinarians (clinicians and researchers) are currently working on or are developing in the area of aquatic animal medicine in their countries. By planning this special session in Spanish, Latin American students and veterinarians will get the opportunity to share the focus areas of their jobs and research and encourage collaborations amongst them. This conference is an international meeting and as such one of the main goals of having this workshop is to encourage Latin American students and veterinarians to attend the IAAAM conference. This workshop may also serve as the first lecturing experience for some, which will be useful for future active participation at the IAAAM, and other conferences related to the field of aquatic animal medicine and conservation. *Workshop Registration \$75*

6th Annual CL Davis Marine Species Histopathology Workshop **[May 12th, 9:00AM to 5:00PM]**

This workshop will include a didactic lecture and a series of case presentations. The morning starts with an exciting lecture related to pathology in general or as applied to aquatic species. The rest of the day includes highly 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. Workshop registration includes materials and morning and afternoon breaks. All IAAAM members are invited to attend. Registration is limited to 50 participants. *Workshop Registration \$75*

Student Auction

Mail your auction items early! Don't procrastinate. Do it now and get it crossed off your To Do List! Sending them in now means less items to pack and carry to the conference. You may mail your items to the address below anytime up until April 30, 2011.

The Mirage
Rob Laughlin, DVM
The Department of Animal Care
3400 Las Vegas Blvd, South
Las Vegas NV. 89109

Conference Sponsors/Exhibitors

Sponsors to date include:

[Mystic Aquarium](#)

[Shark Reef Aquarium](#)

[Pacific Research Laboratories \(Sea Tabs\)](#)

[Animal Capture Equipment](#)

[Georgia Aquarium](#)

[Animal Necessity](#)

[Mazuri](#)

[McRoberts Seafood](#)

[SeaWorld](#)

[MDS Incorporated](#)

Please consider asking your institution to be a sponsor from \$250 to \$5000. Contact Lisa Mazzaro (lmazzaro@mysticaquarium.org) or Rob Laughlin (rlaughlin@mirage.com) to confirm a sponsorship or for more information. Registration costs will be determined in December. Small amounts will add up and keep registration costs affordable for everyone!

Hotel Reservations

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

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:

1. your name
2. the name(s) of any registered guest(s)
3. your contact information
4. 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>

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

Things to do in Las Vegas

Check out these websites!

- <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!

First Donations For The 2011 IAAAM Auction Already Received

Thanks to the early generosity of two of our favorite donors, we are pleased to announce that the following items will be auctioned off at the 2011 IAAAM Auction in Las Vegas. Another wonderful handmade Afghan from Sandy and Dr. Don Abt—in earth tones this year! There is also a very high probability that one or more kitty-sized Afghans will be making the trip to Las Vegas as well. We are also excited to share that Dr. Jay Sweeney will be donating another one-of-a-kind carved wood sculpture. Thank you, Jay, for your past and continued support of IAAAM and its students!

For photos of the finished full-sized Afghan, some kitty Afghan samplers, and an example of Dr. Sweeney's artwork, please visit the [conference auction items webpage](#).

So as you can see it's not too early to be thinking about and sending in auction items! Do it now as part of your holiday shopping. Do it first thing after the holidays when you're staring at yet another whale mug from Aunt Mildred. Do it before April 30, 2011 and be eligible for a mystery prize drawing at the conference icebreaker courtesy of our veteran auctioneer, Dr. Greg Lewbart. We know you're all planning to be there, but even if you can't join us in Las Vegas, please still consider making a donation— we'll make sure Greg includes you in the drawing!

To donate something flashy, sentimental, scholarly, indulgent, edible, unusual, relaxing, unique or otherwise fabulous and be entered into the drawing, please email Dr. Lisa Murphy at murphy@vet.upenn.edu and/or send the item before April 30, 2011 to:

The Mirage
Rob Laughlin, DVM
The Department of Animal Care
3400 Las Vegas Blvd., South
Las Vegas, NV 89109

Please provide photos as possible so we can keep the website updated. Thank you in advance to all of our past and future auction donors!

MEDWAY ENDOWMENT UPDATE

A quick note to thank our 2010 donors:

Earlier this year it was with great sadness that we learned of the passing of Mrs. Carol Medway. We thank J. Robin Buccos and Lily-Jean Mazur for their donations in memory of Mrs. Medway. In addition, we had three repeat donors this year- A big thank you to Larry Dunn, Olga Russkova and Greg Lewbart for another generous contribution to the fund. And last, but certainly not least, George Sanders made a generous contribution this past May and we thank you as well.

The student auction in Vancouver was a great success. With the help of the aquarium staff and the auctioneering skills of Greg Lewbart, we raised over \$4,400 bringing the new principal balance of the endowment over \$130,000! Please think about the coolest, weirdest, and most exotic things you can donate for the Vegas meeting in 2011. Remember that both goods and services are appreciated. What happens in Vegas.... well, you know the rest.

The Medway Endowment is working hard to fund students. As the endowment grows, the IAAAM can do more and more to support student endeavors.

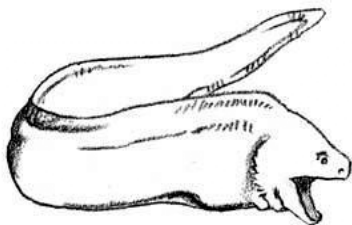
The "Donate Now" button is still active and we are still taking donations that will go toward funding student activities related to the mission of IAAAM. Please consider a donation as the year comes to a close. Heck, if you'd like to make a donation in the name of someone else for a holiday gift, we'd be pleased to send a card letting them know that you are thinking of them and of advancing the cause of student involvement in aquatics.

Thank you again for your support of the fund,
Judy St. Leger and Erika Nilson
SeaWorld, San Diego

MEDWAY ENDOWMENT UPDATE DONORS

\$1-\$100: Moray eel

Jodi Michalkiewicz
Samara Parker
David Stelling
Edward Noga
Leslie Dierauf
Erin Scott
Don Stremme
Natalie Mylniczenko
Cindy Driscoll
Pam Tuomi
Ilze Berzins
Judy St. Leger
Tim Mullican
Nicholas Saint-Erne
Lance Adams
Julius Tepper

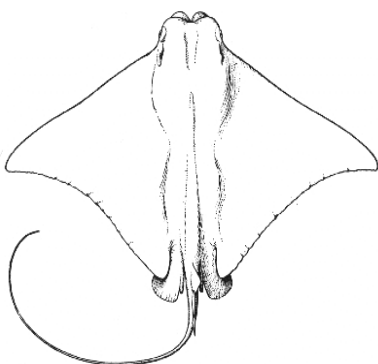


Bird Award donor
Taranza Zoo Library
Charles Maitz
Dan Cowan
Ted Hammond
Neils Van Elk
Laurie Gage
Shane Boylan
Genevieve Dumonceaux
Todd Schmitt
Jeff Stott
George Sanders
J. Robin Buccos*
Lily-Jean Mazur*

** Donated in honor of Carol Medway*

\$101- \$499: Cownose Ray

Thomas Eurell
Bill Van Bonn
Frances Gulland
Olga Russkova
Aaron McGrew
Ashley Linton
Jim McBain



Lisa Murphy
Fiona Brook
Phoenix Central Labs
McRoberts Sales Co.
Diamond back Drugs

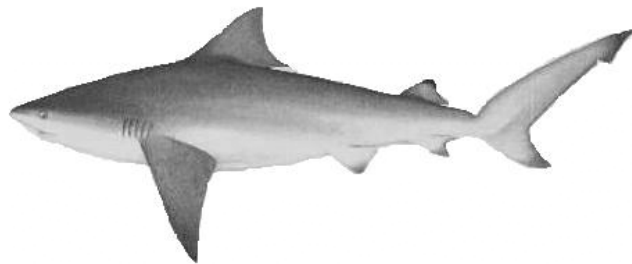
\$500-\$999: Coelacanth

Larry Dunn
Virginia Pierce
Tracy Romano
Craig Harms
Greg Lewbart
Ruth Manire
Donald Abt
Pacific Research Labs



\$1000 + : Bull Shark

Mrs. Carol Medway
Sam Ridgway
Land O' Lakes Purina (Mazuri)
Disney Worldwide Services
Charles Louis Davis DVM Foundation



TREASURER'S REPORT

This is the first year that we have completed the lion's share of our financial transactions (including the 2010 Conference registration and payments) using the on line credit card portal. This has shifted the recording of conference income from the host institution to the IAAAM bank account with a corresponding disbursement of those funds to the host to defray their conference expenses.

I have continued to use the power point template to report the '08-'09 and the '09-'10 income and expenses to help to clarify the various financial categories of the Association. I have included a column to show the income, expenditures and bank balances for the first 4 months of the current fiscal year as well as the proposed budget for FY 2010-2011.

INCOME (\$133,318.33) includes 2010 Conference registration income and donations to IAAAM that were not originally included in the planned budget.

Medway Endowment Investment Net Income (\$2941.96)

Money Markey Interest income (\$231.70) was a less last year than predicted, primarily due to the poor interest rates available. In addition, our balance in this account has decreased by the transfer in July 2009 of \$50,000 that was being held to initiate the Medway Endowment investment account with Curian Clearing. The interest income projection for the IAAAM bank account for 2010-2011 was adjusted accordingly.

The Student Auction - (\$4430.80) used to cover Student Award and Committee expenses annually with any excess to be deposited into the Medway Endowment investment account.

Conference Proceedings (\$70.00) income only reflects copies sold after the end of the 2010 annual meeting. The 2010 host retained \$1679.51 from sales of proceedings during the conference to help defray other meeting expenses.

2009 Meeting Pass Thru - IAAAM received a check in August 2009 for reimbursement of \$3,495.95 from Sea World as a return of unspent 2009 meeting pass-through income.

2010 Meeting / WetLab Pass Thru (\$72,610.56) shows all of the 2010 Annual Conference income generated through the IAAAM credit card web portal and monies received by the Treasurer including some of the sponsorship money and wet

lab income. These payments were deposited directly into the Association checking account. Since American Express deducts a small percentage of the amount charged at each transaction, the total deposited is not in round numbers and is a little less than the total of the registration fees collected from the members. Money received directly by Vancouver Aquarium and used to defray meeting expenses does not appear in this column.

Donations (\$32,127.76) include funds received during this fiscal year specifically for deposit into the Medway Endowment Fund as well as undesignated donations received.(NOTE: \$6412.76 “profit” from the 2009 Conference was received from Sea World in addition to the Meeting Pass Thru income shown above and this accounts for the majority of the undesignated donation.)

Membership income (\$15,530 for 2009-2010 plus \$50 for '08-'09 dues and \$1,830.00 collected for 2010-2011 dues) was similar to date to previous years. On-line renewal is continuing steadily although we still have a number of members whose payments have been listed as “incomplete”, “pending” or “bad card” and a few where the member’s credit card was charged twice. Dr. Driscoll and I are communicating with these members to resolve their payment issues and manually generating receipts as needed.

EXPENSES (\$92,446.14) include Pass Thru payments to the Vancouver Aquarium of money collected for the annual meeting but not previously budgeted.

Executive Board Expenses (\$1064.95) include monies spent by the President, President Elect, Secretary and Treasurer for postage and office supplies, for gifts to our conference host and outgoing board members, and for other expenses incurred over the past two years on behalf of the Association.

2010 Meeting Pass Through (\$71,294.24) All of this 2010 Meeting Income was transferred to the Vancouver Aquarium Meeting Committee’s conference account for their use in paying the meeting expenses. The detail of 2010 Meeting Pass Thru Income is shown on Part 2 of this report.

Midyear Executive Board Meeting business has been conducted primarily by email so no expenses were incurred for that category.

Communications/ Publications (\$4,195.00) are fees paid to Affiniscape to maintain our website including the credit card portal plus supplies needed by our webmaster.

Awards Committee (\$115.43) expenditures were used to purchase plaques presented during the meeting to the Mark Keys and Honorary Life Member Award recipients.

Legal and Professional Expenses (\$2,365.00) covered the cost of accounting and tax return preparation plus the premium for our Directors' and Officers' Liability Insurance. This cost will increase next year as we are being asked to provide meeting Liability insurance by the 2011 Conference hotel and the board also plans to purchase meeting cancellation insurance.

Bank / Credit Card Fees (\$3,541.52) are charged by our bank (Capital One) and credit card managers (Cynergy Data and American Express) and include monthly service charges, check printing, and fees on each credit card transaction. Because we have migrated to credit card payments on line for the majority of our income, this expense category has increased significantly over our '07-'08 costs but is hopefully offset by making it easier for members to pay and by decreasing the need to mail and handle checks, chase lost payments and deal with exchange rates for our international members. *Proceedings/CD* (\$6,570.00) includes the cost of the archival CD discs provided at the Conference plus the costs for supplying a small number of printed proceedings. This category also includes fees for on line abstract submission, production costs and for shipping and mailing of proceedings. An invoice for mailing of remaining CDs to members not present at the 2010 meeting was paid in July 2010 and is reported in that column.

Student Liaison Committee conducted business by email this year and did not incur any expenses as the student workshop costs were donated by the Vancouver meeting sponsors.

Student Awards (\$3,300) were again offered to outstanding student members to support expenses that they incurred to attend and present at the 2009 meeting. Five students each received a \$500 TRAVeL Award and five Presentation Paper Prizes (total of \$800.00) were given this year.

2010 – 2011 Year to Date

The section showing actual income and expenses for July through October of the current fiscal year includes expenses of \$3,000 paid to the Las Vegas Mirage as a deposit for the 2011 meeting and travel expenses for our vice president to meet with the 2011 conference organizers in Las Vegas earlier this fall.

Additional information:

At the end of the budget chart, I have included a section showing DONATIONS, broken down by category and fiscal year to highlight this category separately from the rest of the IAAAM financial activity. Member donations for the Medway Endowment reached our goal of \$55,000 in June 2009 and that figure was matched by checks from Dr. Jay Hyman for \$50,000 and from Dr. Jay Sweeny for \$5,000. Although they were initially deposited in the association's checking and Money Market accounts, Dr. Tepper transferred the total \$110,000 collected for the Endowment to an investment fund at Curian Clearing in July 2009. He will continue to work with the Judy St. Leger and others on the Student Awards Committee to monitor and manage the Endowment.

Liquid ASSETS of the Association are distributed between our Money Market, Business Checking and Curian (Medway Endowment) Investment accounts. Overall, the Association continues to have a stable cash flow and is expected to meet all of our financial obligations in FY10-11 with a comfortable net worth given our usual expenditures. Sufficient cash reserves may also be held to self-insure for any meeting expenses that would be incurred if a meeting had to be cancelled after contractual agreements with hotels and other vendors had been signed.

Pam Tuomi
IAAAM Treasurer

DUES RENEWAL NOTICE

Dear IAAAM Member:

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.

Current memberships fees are as follows:

Full Membership	\$50
Student Membership	\$30
Institutional Membership	\$70

While it's true we don't charge a late fee, there is a cut off date of March 1st, 2011. If you haven't paid by then, you will no longer be a member. In that case, you will have to re-initiate your membership as a new member with a résumé and signature from a current member. This cutoff date helps us 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 IAAAM website, <http://www.iaaam.org>. Membership dues may be charged to your credit card via a secure online entry. Visa, MasterCard or American Express are accepted.

If this is not possible, you may also use and mail the downloadable membership form from the web site. If you use the mail-in 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. Current fees and the submission address are indicated on the form. Payment may be made by credit card or by check. Checks should be made out to IAAAM and indicate whom the membership is for. Forms should be mailed with payment (check or credit card information) to:

Pam Tuomi, DVM
Treasurer, IAAAM
c/o Alaska SeaLife Center
P.O. Box 1329
Seward AK 99664 USA

For those of you who renew via the website, please be sure you update your contact information and password.

CHANGES TO THE ACZM BOARD EXAMINATION

By Craig A. Harms, DVM, PhD, President, American College of Zoological Medicine

The ACZM was established in 1983 as an international veterinary specialty organization recognized by the American Veterinary Medical Association for certification of veterinarians 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. Currently, there are over 130 ACZM diplomates serving as zoo and wildlife veterinarians, college and university faculty members, private practitioners, government officials and administrators fostering high quality veterinary care for non-domestic animals, and discovering and disseminating new knowledge in the field.

The ACZM certification examination currently consists of a Day 1 qualifying examination, which includes the medicine of avian, aquatic, reptilian and amphibian, mammalian, and free-ranging wildlife species. Candidates who pass Day 1 proceed to take the Day 2 certifying examination in one of five focus areas: General Zoo (birds, reptiles, and mammals), Wildlife, Aquatic, Avian, or Herpetological Medicine. In 2011 a new Day 2 certifying examination will be offered in Zoological Companion Animal Medicine, with content as outlined in the chart below. This will also be the last year a candidate can select the Day 2 certifying examination in Avian or Herpetological Medicine as a first time applicant. Candidates selecting these options in 2011 or before will have through 2013 to pass these Day 2 certifying examinations, after which they will no longer be offered, leaving four Day 2 certifying examination options. The credentialing requirements are unchanged, and the certification remains in Zoological Medicine (large umbrella), not the individual focus areas. The recommended reading list for 2011 has been revised in accordance with the changes in the examination, and can be accessed at www.aczm.org.

Many factors affected the decision to make these changes, which were approved by a vote of the ACZM membership in 2009. Chief among these were two internal considerations: 1) to make the certifying examinations more discipline-based and less species-based, and 2) to make the examination administration process more manageable as the number of candidates continues to increase. The ACZM remains supportive of the American Board of Veterinary Practitioners' species-based model in Avian Practice, Reptile and Amphibian Practice, and Exotic Companion Mammal Practice, and considers the ACZM and ABVP certification routes to be complementary.

We encourage members of IAAAM interested in ACZM board certification to contact any ACZM diplomate, or our web site (www.aczm.org) for further information.

NEW ACZM DIPLOMATES

The following 6 veterinarians became new Diplomates of the American College of Zoological Medicine (ACZM) in October 2010:

Dr. Susan Bartlett, Boston, Massachusetts
Dr. Deena Brenner, Denver, Colorado
Dr. Timothy Georoff, Providence, Rhode Island
Dr. David Sanchez-Migallon Guzman, Davis, California
Dr. Cornelia Ketz-Riley, Stillwater, Oklahoma
Dr. Hanspeter Steinmetz, Zurich, Switzerland

In order to become an ACZM Diplomat, 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 (new in 2011), general zoo, wildlife, aquatic, avian, or amphibian/reptilian species. Successful candidates for Diplomat 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 zoo and wildlife 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.

<http://www.aczm.org/>

EDUCATIONAL AND PROFESSIONAL OPPORTUNITIES

2011 AQUAVET® I & II

The University of Pennsylvania School of Veterinary Medicine and the College of Veterinary Medicine at Cornell University are pleased to announce the 2011 AQUAVET® I & II Programs. They are aquatic veterinary medicine education programs that currently consist of two courses that will be presented this year at Roger Williams University in Bristol, RI in June 2011.

AQUAVET I: An Introduction to Aquatic Veterinary Medicine is a 4-week course (29 May - 24 June 2011) intended primarily for veterinary students.

AQUAVET II: Comparative Pathology of Aquatic Animals is a 2-week course (29 May - 10 June 2011) that is oriented toward the pathology of diseases of aquatic invertebrates and fish that are used in biomedical research, encountered in display aquaria and are of importance in commercial aquaculture.

Veterinary students can receive credits for the course and graduate veterinarians can receive CE credits. Applications for admission will be due by January 14, 2011 and may be obtained on the web site. Additional information may be found at www.aquavet.info.

Veterinary Internship

The National Aquarium in Baltimore is offering a one-year veterinary internship in aquatic and zoo animal medicine. The collection includes over 16,000 animals (over 700 species of invertebrates, fresh and salt water fishes, amphibians, reptiles, birds, and mammals, including bottlenose dolphins).

The intern is integral to all aspects of animal medicine and surgery at the Aquarium. They are provided training in physical examinations and sample collection, routine/quarantine/emergency medical treatment, disease diagnosis, radiology, anesthesia, surgery, gross necropsy, and clinical pathology of aquatic and zoo animals as well as professional communication within an aquarium setting. Interns have primary responsibility for daily management of Marine Animal Rescue Program stranded animals (typically 2-5 seals and 1-3 sea turtles annually). Interns are directly involved in teaching and supervising veterinary students. Interns are expected to produce 1 paper (case study/series or retrospective research) for publication in a peer-reviewed journal prior to leaving the program. In addition, the intern is responsible for two in-house staff training lectures. Opportunities exist for rotations at the Maryland Zoo in Baltimore or other facilities, as well as attending monthly resident/journal rounds at the Smithsonian's

National Zoological Park and case rounds with the Maryland Zoo in Baltimore based on the interns' interest.

The veterinarians manage emergent cases and maintain active preventive medicine and quarantine programs based on AAZV and AZA guidelines. The veterinary team is composed of 3 clinicians (including the intern), two veterinary technicians, and 4 laboratory technicians managing water quality and clinical laboratory samples. The National Aquarium in Baltimore is a private, not-for-profit institution and is accredited by the Association of Zoos and Aquariums and has offered the internship since 1993. Prior interns have routinely obtained positions in the zoo or aquatic animal veterinary field and have obtained ACZM board certification.

Exceptional basic veterinary medical and surgical skills as well as familiarity with aquatic/zoo/exotic animal medicine are essential. The candidate should have demonstrated ability to work in a busy, multi-veterinarian practice with excellent oral and written (including computer-based medical records) communication skills. The candidate should have proven ability to teach veterinary students and exceptional medical record keeping skills.

Qualifications/Basic Job Requirements

Required: Veterinary Degree (DVM, VMD) from U.S. accredited veterinary school; and active license in one U.S. State with ability to obtain license to practice in Maryland.

Strongly preferred: 1-year clinical veterinary internship in small or large animal medicine/surgery at diverse and busy practice (private or University).

Job Time Frame: Roughly June 5, 2011 to June 1, 2012

Salary: \$31,000 with benefits

Application: Veterinary Internship & Residency Matching Program
<http://www.aqua.org/index.html>

HARBOR BRANCH

FLORIDA ATLANTIC UNIVERSITY

Harbor Branch Oceanographic Institute Research Professor & Veterinary Scientist

Harbor Branch Oceanographic Institute (HBOI) at Florida Atlantic University (FAU) seeks a highly motivated, qualified senior veterinary scientist with research experience related to the health of marine mammal populations. This scientist will be at the full Research Professor level and will play a leadership role in further developing the research program and academic mission of the Marine Mammal Research and Conservation (MMRC) program at HBOI/FAU. The successful candidate will be expected to develop a strong research program with internal and external collaborators and to participate in clinical programs including health assessments and stranding and rehabilitation activities. She/he will mentor junior scientists and faculty, participate in training of MS and PhD candidates and post-doctoral fellows and lead degree and non-degree educational programs in marine mammal research on the HBOI/FAU campus.



The MMRC program contains a multidisciplinary group of faculty and staff scientists dedicated to the health and conservation of wild cetaceans and sirenians in the Indian River Lagoon (IRL) and coastal environment of Florida. The group consists of persons with expertise in clinical veterinary medicine, veterinary pathology, environmental epidemiology, biostatistics, public health, population ecology, genetics and environmental science. Efforts to enumerate and describe the Atlantic bottlenose dolphin population of the IRL were initiated in 1998 using photo-identification techniques. Subsequently, an extensive, in-depth health assessment, the Bottlenose Dolphin Health and Environmental Risk Assessment Project, was undertaken with collaborating partners in 2003 and is ongoing. Important contributions have been made in the areas of emerging infectious diseases, the effects of environmental contaminants on health and

the role of the immune system in disease pathogenesis. The MMRC program also has active programs in outreach, public education and rehabilitation of stranded marine mammals that promote its mission to support ecosystem and marine mammal conservation. Please see <http://www.fau.edu/hboi/OceanHealth/OHmarinemammal.php> for more information.

The successful candidate must have a Ph.D., preferably in an area related to marine mammal health such as pathology, microbiology, toxicology, or epidemiology. A DVM is strongly desired. Substantial marine mammal experience and evidence of research productivity consistent with the rank of a full professor in the FAU system is desired. Training and experience in toxicology, risk assessment, environmental medicine, environmental science or related fields who have worked with marine mammal populations and the marine environment are preferred.

To apply, please go to <https://jobs.fau.edu> and reference Job #980209. Candidates must apply electronically and include a CV, cover letter, and the names and contact information of at least three professional references. Supporting materials and letters of reference will be requested as needed.

A background check is required for this candidate selected for this position. Florida Atlantic University is an Equal Opportunity/Equal Access Institution.





CALL FOR PRESENTATIONS

39 Annual Symposium of the European Association for Aquatic Mammals

11th to 14th of March, 2011

Hosted by
Barcelona Zoo, Spain

The **European Association for Aquatic Mammals** invites Authors to submit Oral and/or Poster abstracts for its upcoming annual symposium, which is due to take place in **Barcelona, Spain**, between **March 11th -14th of 2011**.

All topics related to marine mammal science and husbandries (including conservation, education, veterinarian medicine, operant conditioning, et cetera) are acceptable.

For the 39th Annual Symposium, the EAAM will especially encourage presentations dedicated to any fields of work related to the conservation of wild populations of marine mammals.

Students are particularly encouraged to submit presentations, apply for sponsorships and enroll on the Award for the Best Student Presentation.

INSTRUCTIONS FOR AUTHORS

Please read the following recommendations carefully before submitting any abstract:

- ✓ The abstract must include:
 - Title;
 - Author(s); if more than one, please mark presenter with an asterisk (*);
 - Affiliation of (each) author;
 - Summary of presentation;
- ✓ The abstract should be complete and informative (objectives, methods, results, conclusions)
- ✓ The format of the text should be clean, typed in black and readable
- ✓ The text should have a maximum length of 20 lines (font Arial, size 12)
- ✓ Line drawings, figures, graphs, charts, *et cetera*, should not be included
- ✓ Author(s) wishing to present more than one abstract should copy the submission form
- ✓ Abstract(s) submitted by students should be reviewed beforehand by their supervisor(s)

Special Remarks:

- ✓ The Scientific Committee reserves the right to accept or decline each presentation and may ask author(s) to adjust the presentation(s) and/or their format (ex: from oral to poster presentation or *vice versa*);
 - ✓ The Scientific Committee encourages electronic abstract submission (vet@marineland.fr)
 - ✓ The allowed presentation time will be 15 MINUTES, plus 5 MINUTES for discussion (the Session's Chair will not allow Speakers to continue past their allotted time)
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DEADLINE FOR ABSTRACT SUBMISSIONS: 15TH OF DECEMBER OF 2010

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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