



International Association for Aquatic Animal Medicine

IAAAM News

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MESSAGE FROM THE IAAAM PRESIDENT ELECT

Dear IAAAM Members-

Frances and I were finally able to get together to go over planning details for the upcoming conference. We have been on opposite travel schedules- she traveled to the East coast while I traveled to the West coast. She just came back from Thailand and I am on my way to Singapore. However, we managed to find a 1.5 day window to get together and even ended up on the same plane from DC to San Francisco!

I am writing from my room in Cavallo Point, the lodge at Golden Gate and our venue for our upcoming conference. The Lodge, located in the heart of Golden Gate National park and approximately 21 miles from the San Francisco airport, opened in 2008 after 8 years of renovation from the former barracks at Fort Baker, a scenic army post that played a key role in the defense of the San Francisco Bay for more than a century. In 2002, Fort Baker transferred to the National Park Service and is now a retreat and conference center. The accommodations are either in historic officers' quarters or more contemporary lodging. The historic houses come with multiple separate rooms and a common living area. We have the whole campus to ourselves in April! My room currently is in the contemporary lodging and is a spacious room and living area with a small kitchenette (microwave, refrigerator, coffee and teapot, sink), a gas fireplace, and a view of the Golden Gate Bridge.

The facilities remind me of the Asilomar conference center in Monterrey, where we had one of our past meetings. Walking back to my room last night I heard a noise behind me. It was a deer who then trailed ahead of me and disappeared into the headlands. There are many places to walk, run and hike. The landscape has been restored with native plants. The meeting rooms are named after local rare, threatened or endangered species, such as the mission blue butterfly. Beautiful artwork adorns the walls of all the buildings. Sustainability is the motto of the lodge which is so appropriate for IAAAM! The Lodge is LEED Gold certified and it was named one of the Top 10 New Green American Landmarks by Travel and Leisure.

The Lodge offers guided walks, cooking classes and daily Yoga. The spa contains saunas, whirlpools and an outdoor Jacuzzi which you can enjoy after your workout in the exercise room in the next building. Fire pits are located throughout the property and provide for great gathering spaces. The Farley bar is open all day and evening! You can sit out on the deck, cover up with a blanket and drink wines from Napa and Sonoma while seeing a view of the Golden Gate Bridge. The food is outstanding, made with all fresh ingredients and certified organic. Breakfast, lunches and some dinners are included with our registration however, the Murray circle restaurant also offers food throughout the day.

Special trips are planned for an evening in Sausalito, a cruise over to pier 49 and Aquarium of the Bay, The Marine Mammal Center, a fun run and polar bear swim! Post conference, take advantage of all the Bay Area has to offer. Oh yeah, and the scientific program is going to be FANTASTIC given the quality of abstracts and the special sessions planned!

So get ready for the upcoming IAAAM "retreat" where we can focus on discussions of current and global issues of aquatic animal health in a casual, relaxed and beautiful setting!

2013 IAAAM MEDWAY SCHOLARSHIP PROGRAM

The International Association for Aquatic Animal Medicine (IAAAM) recognizes a continuing need for the funding of research projects focused on aquatic animal medicine. IAAAM also recognizes the value and importance for students to gain solid scientific research training. To help fill these needs and to further promote involvement of students in aquatic animal medicine, the IAAAM has established the Medway Scholarship Program designed to support research experiences for students interested in pursuing careers in aquatic animal medicine.

The program is primarily intended for undergraduate, veterinary, and graduate students without stipends or other sources of funding. The purpose of the scholarship is to partially support the student for research experiences beyond that which they might experience with normal undergraduate classwork or a graduate/veterinary curriculum.

Objectives

- Provide students with exposure to sound research practices in the field of aquatic animal medicine beyond what is normally included as part of the undergraduate or graduate/veterinary curriculum
- Encourage students to pursue post-graduate careers incorporating research in aquatic animal medicine
- Encourage student participation in the IAAAM

Program Description

The IAAAM Medway Scholarship Program provides scholarships of up to \$3,000 each to students who have been accepted to participate in a research project organized and funded by government, academic, or private entities. The sponsoring entity must provide the student with at least a 10 to 12-week working exposure to research focused on aquatic animal medicine and must involve direct interaction with a current IAAAM member in good standing. Funding for the research activity must be provided by the sponsoring entity. Scholarship awards are intended to support the student's personal expenses while participating in the funded research. Scholarship recipients will be required to present their research findings at a future IAAAM conference, and will still be eligible for other IAAAM student awards.

Factors that are considered in selecting the scholarship recipient are briefly described below. They are not listed in any particular order of importance but are included to assist the applicant in preparing the application form and letter. Commitment of the applicant to a career in aquatic animal medicine as reflected in the applicant's letter of intent and curriculum vitae (CV).

Applicant's grade point average/class rank.

Quality, scientific merit, and duration of intended research. Applicants are encouraged to select research projects with established funding sources, clearly defined aims, and project timelines that will enable the student to complete the research during the allotted time period. Applicants are encouraged to pursue research activities at institutions with proven or established aquatic animal research programs. Project summaries detailing the planned research, aims, importance, methods, and funding sources will be judged for each applicant. Projects for which the budgeted work has already been completed are not eligible for consideration.

Two (2) letters of recommendation, one of which must come from a member in good standing of IAAAM. Financial needs of the student in addition to other available funding such as that

provided by the institution providing the research opportunity. Previous recipients of the award are encouraged to apply, however priority will be given to those who have not previously received the scholarship.

Application Submission Deadline: March 1, 2013. Please submit completed applications to:
Dr. Lisa Murphy, IAAAM Education Board Member
PADLS New Bolton Center Toxicology Laboratory
382 W. Street Road
Kennett Square, PA 19348
610-925-6217
murphylp@vet.upenn.edu

Submissions can be sent either by mail or electronically, however must be received by March 1, 2013.

Winners will be notified by April 1, 2013 and recognized during the 2013 IAAAM Conference in Sausalito, California.

Application Requirements

- Application form
- Letter of intent detailing applicant's career goals and goals for the research activity.
- Two (2) letters of recommendation, one of which must come from a member in good standing of IAAAM
- Student's curriculum vitae (should include any other research experience with citations)
- Official school transcripts for currently enrolled institution only
- Letter of agreement from the principle investigator at the sponsoring institution, identifying the location and duration of the research project and its expected funding source(s)
- Student budget of estimated expenses (e.g. transportation, rent, meals) separate from direct research related expenses.
- Project Summary completed by student applicant: (3-page limit; single spaced; 3/4-inch margins; 11-point Times, Times New Roman or Arial font).

Failure to adhere to these guidelines will result in disqualification.

Project Summary should include:

- Brief project abstract/overview
- The project aims/hypotheses
- Justification and literature review
- Materials and methods
- Significance to the field of aquatic animal medicine/health
- Research budget – including direct and indirect funding sources
- Research time table
- Student's role in the project
- Mentor's qualifications

Live animals (including client/private-owned animals) are used in any way in the project, the mentoring researcher must provide assurance that the planned research project has or will obtain full Institutional Animal Care and Use Committee (IACUC) approval.

44th ANNUAL IAAAM CONFERENCE AGENDA

Registration/Information Desk - Foyer next to Hotel Registration
 Breakfast & Lunch - Surfbird and Verbena
 VIN - 601 Annex
 Exhibitors - Callippe, Surfbird and Verbena Foyers

Sunday, April 21, 2013

07:00-18:00 Registration/Information
 09:00-16:00 IAAAM Board Meeting (Lunch), La Mariposa
 08:00-16:00 CL Davis Histopathology Workshop, Verbena
 13:00-16:00 Diagnostic Imaging of Marine Mammals, The Marine Mammal Center (TMMC)
 09:00-13:00 Detection of Anthropogenic Trauma in Marine Mammals at Necropsy, TMMC
 09:00-16:00 Oil Spill Preparedness Workshop, TMCC
 18:00-22:00 Icebreaker Dinner, Verbena

Monday, April 22, 2013

07:00-18:00 Registration/Information
 07:00-08:30 Breakfast
 08:30-09:00 Opening Remarks
 09:00-10:00 Plenary Session, Callippe
 10:00-10:30 Break
 10:30-12:00 Regional Overviews, Callippe
 12:00-13:00 Lunch
 13:30-14:45 Unusual Mortality Event Panel, Callippe
 14:45-15:15 Break
 15:15-16:30 Scientific Session I: Anthropogenic Impacts, Callippe
 16:30-17:15 Business Meeting, Callippe
 17:45-21:45 Buses to and from Sausalito – Dinner on Own
 18:00-19:30 Student meet and greet, Wellington's Wine Bar, Sausalito
 19:30-21:00 Conundrums Gathering, Wellington's Wine Bar, Sausalito

Tuesday, April 23, 2013

07:00-13:00 Registration/Information
 07:00-08:30 Breakfast
 08:00-10:00 Scientific Concurrent Sessions
 II. Research, Callippe
 III. Case Reports, Verbena
 10:00-10:30 Break, Callippe
 10:30-12:00 Scientific Concurrent Sessions
 IV. Wound Healing Panel, Callippe
 V. Turtle Health, Verbena
 12:00-13:00 Lunch
 13:00-17:00 Southern Right Whale Die-Off Review, La Mariposa
 13:30-16:30 Buses from Cavallo to the Marine Mammal Center – Fun run, Bike Rides, Tours
 Sustainable Seafood Cooking Lodge, Cavallo Lodge

18:00-23:00 Poster Sessions and Wine Tasting, Mission Blue and Verbena
 19:00-21:00 Founding and Honorary Life Members, Past Presidents Dinner, La Mariposa
 19:00-21:00 Dinner, Surfbird and Tidewater

Wednesday, April 24, 2013

07:00-17:00 Registration/Information
 07:00-08:30 Breakfast
 08:00-08:30 “Porpoises of the Golden Gate”, by Bill Keener, Callippe
 08:30-10:00 Scientific Session VI: Health Assessments, Callippe
 10:00-10:30 Break
 10:30-12:00 Climate Change Panel, Callippe
 12:00-13:00 Lunch
 12:00-13:30 Board Lunch Meeting, La Mariposa
 13:30-14:45 Scientific Concurrent Sessions
 VII. Stranding I, Callippe
 VIII. Immunology & Toxicology I, Verbena
 14:45-15:00 Break, Callippe
 15:00-16:15 Scientific Concurrent Sessions
 IX. Stranding II, Callippe
 X. Immunology & Toxicology II, Verbena
 16:15-17:15 Scientific Concurrent Sessions
 XI. Medicine & Surgery, Callippe
 XII. Management & Education, Verbena
 17:45 Cruise from Cavallo to Pier 39, San Francisco
 18:30-22:00 Aquarium of the Bay, Dinner & Student Auction

Thursday, April 25, 2013

07:00-17:00 Registration/Information
 07:00-08:30 Breakfast
 08:30-10:00 Scientific Concurrent Sessions
 XIII. Techniques-Research, Callippe
 XIV. Techniques-Clinical, Verbena
 10:00-10:30 Break, Callippe
 10:30-12:00 Scientific Concurrent Sessions
 XV. Emerging Pathogens, Callippe
 XVI. Anesthesia, Verbena
 12:00-13:00 Lunch
 13:00-14:30 Scientific Concurrent Sessions
 XVII. Infectious Disease I, Callippe
 XVIII. Avian Health, Verbena
 14:30-15:00 Break, Callippe
 15:00-16:30 Scientific Concurrent Sessions
 XIX. Infectious Disease II, Callippe
 XX. Pathology/Parasitology, Verbena
 18:00-20:00 Dinner, Surfbird & Tidewater
 20:00-23:00 Dessert, Awards, Dancing, Mission Blue

44TH IAAAM CONFERENCE WORKSHOPS

Workshop #1

Diagnostic Imaging of Marine Mammals

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

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

The radiology workshop will be a two part program. One part will focus on hands-on ultrasound and radiography with the objectives to demonstrate abdominal ultrasound and positioning for radiography of pinnipeds. The other part will consist of lectures and case studies to include modality choice, application and limitations of modalities, normal anatomy of cetaceans and pinnipeds on imaging, and examples of cases demonstrating the use of modalities. Please note limited to 12 participants, so sign up early!

Workshop #2

Oil Spill Preparedness

Given by, Michael Ziccardi, Oiled Wildlife Care Network (MHZiccardi@ucdavis.edu)

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

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

Workshop #3

Detection of Anthropogenic Trauma in Marine Mammals at Necropsy

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

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

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

Workshop #4

8th Annual CL Davis Marine Species Histopathology Workshop

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

The 8th annual CL Davis DVM Foundation Marine Species Histopathology Workshop will be held in conjunction with the IAAAM conference in Sausalito, California this year.

This workshop will include a keynote lecture by Dr. Melissa Miller, a wildlife pathologist at the Marine Wildlife Veterinary Care and Research Center in Santa Cruz. Dr. Miller will present important disease concerns of Sea Otters (*Enhydra lutrea*). The rest of the day includes interactive presentations of clinical cases with pathology including histology. Workshop participants are encouraged to submit a case for presentation – but presentation is not required. Come and discuss some of the important questions in aquatic animal pathology. We welcome cases related to invertebrates, fishes, aquatic birds, and marine mammals.

All participants receive DVDs of the scanned histology slides and the case write up materials. Workshop registration includes materials, morning and afternoon breaks ***as well as lunch!*** All IAAAM members are invited to attend. Registration is limited to 50 participants and cost per person is only \$100.

Registration:

This year IAAAM will handle the registration and enrollment for workshops during your conference registration: [2013 IAAAM Conference Registration page](#). If you have questions or problems during this process, please contact IAAAM.

Call for case submissions:

We are soliciting case submissions for this workshop. We would like to have a series of 10-15 cases of interest from marine species. These cases can include “classic” lesions, novel findings and general “what the heck” conditions. If you have a case you would like to submit, please send one high quality glass slide showing the important findings, case history, and separate case summary (the case histories need to be SEPARATE from the case summaries) **NO LATER THAN FEBRUARY 28, 2013** to:

Dr. Judy St. Leger
SeaWorld
500 SeaWorld Dr.
San Diego, CA 92109

Electronic copies of histories and summaries can be e-mailed to judy.st.leger@seaworld.com
Please send us note if you need further information or assistance.

CLINICAL CONUNDRUMS

Join in on the Fun and bring your “Clinical Conundrums” to discuss with colleagues at this year’s IAAAM meeting. The conundrums session will be led by Dr. Mike Briggs and take place on Monday evening, April 22, 7:30PM at Wellington’s Wine Bar in Sausalito. Plenty of drink, great discussions and fun promised for all!

STUDENT AUCTION

Start sending your goodies for the student auction at this year's IAAAM meeting now so you won't have to pack them. Ask your home institutions, raid their gift shops, remind them of the amazing publicity and gratitude they will receive when they support IAAAM students. Some of the highlights from last year included ceramics, signed books, animal paintings, and handmade jewelry from Jay Sweeney.

Please mail your items anytime to the address below up until April 15, 2013 to:

Sophie Guarasci
The Marine Mammal Center
2000 Bunker Road
Fort Cronkhite
Sausalito, CA 94965
415-754-4051

2013 IAAAM MEMBERSHIP DUES UPDATE

We are now officially operating on a calendar year. Memberships run from January 1 to December 31 each year.

If you joined, or renewed your dues, anytime after the 2012 business meeting last May, you are a current 2013 member and your membership will not expire until December 31, 2013!

If you paid 2011-2012 dues before May 14, 2012, your membership was extended 6 months until the end of the calendar year (December 31, 2012) but you will now need to renew for the 2013 membership year. March 1, 2013 is the last day to pay and still get the Member Registration fee for the 2013 conference in Sausalito.

Either way, there was no “early payment discount” option for the coming year as everyone received up to 6 months extra membership during the change in expiration dates.

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

Membership is available in the following categories:

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

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

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 - \$70.00/year - Libraries and institutions wishing to receive our meeting proceedings and access to the membership only sections of the website.

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

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

Dues payment may be made anytime by credit card at the “Join IAAAM” or “Renew Membership” links on the website at <http://www.iaaam.org>.

If paying by check, be sure to make your check payable to “IAAAM” and mail your *completed membership form and payment* to:

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

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

JOB POSTINGS

Veterinary Technician

Announcing an employment opportunity at The Marine Mammal Center. This listing can also be found on our website here: <http://www.marinemammalcenter.org/about-us/organization-information/jobs/>

The Marine Mammal Center, an equal opportunity, non-profit employer, is seeking a **Veterinary Technician** to join our team. The Marine Mammal Center’s mission is to expand knowledge about marine mammals—their health and that of their ocean environment—and to inspire their global conservation. Our core work is the rescue and rehabilitation of sick and injured marine mammals, supported by state-of-the-art animal care and research facilities, a corps of dedicated volunteers, and an engaged community.

Reporting to the Director of Veterinary Science, the Veterinary Technician is a full-time, non-exempt position with competitive benefits. The Veterinary Technician supports the work of the Veterinary Science Department. They are responsible for the assessment of the patients and routine procedures, which includes physical exams, surgical assistance, processing and collecting biological samples, and supporting research projects. They need to communicate clearly with the Veterinarians, volunteers, and other Marine Mammal Center personnel to ensure the animals receive the care they need. The Veterinary Technicians provide training, supervision, and leadership for the volunteer animal care team, visiting Veterinary Students, and the Veterinary Technician Interns. The Veterinary Technicians work with a diverse group of people at The Marine Mammal Center, which require the ability to be flexible in the face of varying situations.

Core Competencies -- Knowledge and Skills:

- Must possess strong interpersonal skills
- Demonstrated leadership
- Demonstrated good decision-making
- Maintain high standards of patient care
- Respond calmly and quickly to emergency and crisis situations
- Demonstrated knowledge of marine mammal anatomy
- Demonstrated ability to prepare and collect biological samples

- Ability to record and manage the animal care records
- Ability to safely and competently operate equipment pertinent to carrying out their duties, including but not limited to anesthesia, digital x-ray machines, and lab equipment
- Ability to work closely with wild animals, which requires physical strength, dexterity and reflexes to keep themselves and other personnel around them safe
- Ability to travel to satellite facilities and must work on rotating shifts and weekends
- Basic computer literacy. Advanced data management skills desired

Major Responsibilities:

- Update and maintain animal charts
- Complete routine exams; including obtaining blood samples
- Provide surgical assistance to veterinarians
- Order and maintain medical supplies
- Order surgery equipment and maintain surgery suite
- Restock medical and husbandry supplies
- Maintain controlled drug log
- Administer injectable and gas anesthesia, and monitor animals under anesthesia
- Instruct classes on Basic Animal Husbandry, Basic Medical Procedures, and Advanced Medical Procedures

Minimum Qualifications:

- California State License for Veterinary Technicians or Equivalent (from another state) and ability to obtain CA License within one year
- 1 year of clinical veterinary technician/assistant experience
- Valid California Driver's license

To apply:

Please send a cover letter and resume attention Human Resources Director & IT Manager to admin@tmmc.org. Please put "**Veterinary Technician**" in the subject line. Deadline for applications is February 15, 2013. Please no phone calls or faxed submissions.

OTHER NEWS***Congratulations***

The National Marine Mammal Foundation, SeaWorld San Diego, and the Navy Marine Mammal Program are proud to announce the selection of Drs. Alissa Deming and Gregory Nelson Scott for the 2013 joint veterinary internship program. Congratulations to Drs. Deming and Scott, and thanks to those of you that showed an interest in the position.

Bill Medway Fund

The Medway Fund is part of the IAAAM 501(c)3, so all or part of your donation is tax deductible. Please click here: [Medway Fund Donation](#) or use the "donate now" button on the right hand column of the IAAAM home page to donate!

Remembering an IAAAM Founder, Dr. Douglas (Ted) Hammond

By Sam Ridgway

Dr. Douglas D. (Ted) Hammond passed away on Sunday, 25-Nov-2012 in Las Vegas, NV with his wife Dianne at his side. Ted had problems with a heart valve. It appeared that the surgery went well. Ted was strong. Unfortunately, complications developed.



I am pleased to have known Ted in person since shortly after he graduated from veterinary school at the University of California at Davis in 1968. Ted received his Doctor of Veterinary Medicine (DVM) in the same year that Dr. Murray Fowler came to the faculty and began to develop his pioneering Zoological Medicine program that has received worldwide recognition.



From left, Dolphin Alice in sling, Ted Hammond, Radiology Tech, Sam Ridgway, Professor William Hanafee, Department of Radiology, University of California, Los Angeles circa fall, 1968 or winter 1969.

Actually, I knew Ted by reputation well before 1968. Ted had an outstanding reputation with his mom! Interestingly, Ted's mom lived in Ventura County, California. Ted grew up there and graduated from Oxnard High School, only a few miles north of Point Mugu where we started the Navy Marine Mammal Program. Anyway, Ted's mother worked at our security office at Point Mugu on the coast in southern Ventura County. I may have known her as early as 1961. I would see her to get badge renewals, base visitor badges that were required to bring colleagues to consult, etc. She often told me about Ted and his progress toward a career in veterinary medicine. However, I

did not meet Ted in person as I recall until after he graduated from veterinary school. I went down to UCLA to observe an X-ray of a Navy dolphin on loan to Professor Kenneth Norris. Ted was working with Dr. William Hanafee Professor of Radiology at UCLA (see photo).

Interest in radiology led Ted to work at the Scripps Institution of Oceanography. There he collaborated with outstanding scientists such as Robert Elsner and Gerald Kooyman (see references below). I once asked Ted how he came to be at Ocean Park in Hong Kong. One day, said Ted, Ken Norris came and knocked on his door. Dr. Norris had been asked by Hong Kong officials to suggest someone to help with animal health in their new park. Ted jumped at the opportunity and accepted the challenge. (Ken Norris also died after various attempts to patch up a heart valve. I am really lucky that my bovine aortic valve is still working well after nine months).

Ted was a founding member of IAAAM and remained a member since. He was licensed to practice veterinary medicine in California for 43 years and in Queensland, Australia for 26 years. A great deal of Ted's professional work was in Asia. He helped to improve the care of many species, especially marine mammals, in Asian zoos and aquariums. Ted leaves many admirers, especially among young animal care people that he mentored in Asia over the years. He will be remembered. Ted will be missed.

Hammond, D., Elsner, R., Simison, J., Hubbard, R. (1969) Submersion bradycardia in the new born elephant seal (*Mirounga angustirostris*). *Amer. J. Physiol.* 216, 220-222.

Kooyman, Gerald L., Hammond, D.D., Schroeder, J.P. (1970) Bronchograms and tracheograms of seals under pressure. *Science.* 169, 82-84.

Elsner, R., Hanafee, W. N., Hammond, D. D. (1971) Angiography of the inferior vena cava of the harbor seal during simulated diving. *Am. J. Physiol.* 220. 1155-1157.

Hammond, D., Elsner, R. (1977) Anesthesia for phocid seals. *J. Zoo Animal Med.* 8, 7-13.

Hammond, D.D., Leatherwood, S. (1984) Cetaceans live-captured for Ocean Park, Hong Kong April 1974-February 1983. Report Int. Whal. Comm. 491-495.
(Ted also presented on live-captures in the Philippines at IAAAM in 1976)

Remembering the Adventures of Ted Hammond

By James McBain

Ted Hammond was humble, enthusiastic and willing to take on projects that those of us prone to understatement would call challenging. Even though I have always considered Ted to be a friend, I rarely knew what he was doing or where he was doing it. I would only become aware when he would call me to talk over his latest adventure or misadventure. It always seemed like the unexpected followed Ted.

I once received a phone call from Phuket, Thailand. Much of Ted's work and business was in various parts of what we loosely call Asia. Ted began telling me about his new sea lion show that he was starting up at a resort on the Island. As I understood it, his animals were housed in an ocean pen. In any event, a month or so after speaking to Ted I heard the horrible news of the massive Tsunami that had caused substantial loss of life on the Island of Phuket. Shortly after hearing the news I began to imagine the worst when I got a phone call from Ted. He just wanted to let me know that he had moved his sea lions to a different resort on the other side of the Island just weeks before the tsunami event. He was unharmed and his animals were unaffected. I was relieved to hear that he was okay but I wasn't surprised that a tsunami had struck the island where Ted had decided to position a sea lion show.

He once told me that while he was working at Ocean Park in Hong Kong, he had decided to use local fishermen to catch sharks for their exhibit at the park rather than purchase through regular suppliers. Ted posted signs around the docks frequented by the local fishing fleet. The signs gave full details of the type and size of the sharks he was willing to buy and the healthy price he was willing to pay. The signs also defined specifically the size and construction of the container in which they were to be transported. He even detailed the amount of water and the air bubbler that needed to be incorporated into the transport box. As expected, the fishermen began

delivering sharks. Unexpectedly they were all dead. Ted had failed to mention the need for the shark to be alive but had to pay the fishermen who had followed the instructions to the letter. Every fisherman knows dead sharks are much easier to handle than live ones, right.

At the IAAAM meeting in Atlanta, Ted showed me his ideas for a new interactive sea lion exhibit he was being commissioned to design. It was for a park in Asia and was intended to target interactive opportunities for children. He was so enthusiastic about the possibilities. He was quite excited that Atlanta had a children's museum. There was so much to learn about this type of interactive exhibit and the museum seemed to offer some learning opportunities. On the afternoon when most of us went to the Atlanta Aquarium, Ted went off to the Children's Museum of Atlanta dressed in a sport coat with a camera slung around his neck and a notebook in hand. A little later that afternoon he arrived at the aquarium looking a little disappointed. I asked, "Did you get some good information?" He told me that sadly, when he arrived at the museum, no matter how hard he tried to convince them they would not let him enter. They had rules and the rules are that a 70+ year old man showing up with a camera and a notebook but no child may be a pedophile. Ted had learned to expect the unexpected and move on.

Have you ever heard of an African country called Guinea-Bissau? I had no idea where it was but Ted was there during their recent military coup. He even got to tour the bombed out house of the ex-president. As luck would have it, Ted was on friendly terms with the winner. I have often thought about Ted's many adventures and why something amazing so often seemed to happen to or around his activities. I have finally concluded that stuff happens to or around people that do stuff. Ted did stuff and we miss him.

The Newsletter of the International Association for Aquatic Animal Medicine is published four times a year (usually in January, April, August, and November). An annual conference is held every year in the spring and electronic proceedings from that conference are mailed out in June or July to current members not in attendance. The International Association for Aquatic Animal Medicine is a nonprofit organization dedicated to advancing the art and science of aquatic animal medicine and health.

Newsletter submissions are welcomed, although the newsletter editor and the IAAAM board reserve the right to edit and/or refuse the publication of any submissions. The deadlines for submissions are December 1, March 1, July 1, and October 1. Submissions should be made in RTF (Rich Text Format), or WORD, without complex formatting. For submissions contact Stephanie Venn-Watson, Newsletter Editor, at stephanie.venn-watson@nmmf.org.

For membership information, including address changes, contact Marty Haulena at martin.haulena@vanaqua.org.

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

IAAAM EXECUTIVE BOARD

President

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