

SCAW

“...promoting best practices in animal research and testing”

Newsletter

Balancing Science and Animal Welfare - The Freedom to Succeed (or Fail)

SCAW's Winter conference is titled, "Balancing Science and Animal Welfare - The Freedom to Succeed (or Fail)" and Dr. Nelson Garnett will be giving the key note address. His address will be followed by presentations like: *The Science of Humane Study Design*, Dr. Alan Goldberg; *Recognition of Pain and Distress: Establishing Best Practices*, Dr. Alicia Z. Karas; *Management of Risk in Institutional Animal Care*, Dr. Robert Lowman; and Best Practices. The entire program and registration information can be found on the SCAW website at www.scaw.com. SCAW Institutional Members receive discounted registration fees.

Each afternoon there will be breakout sessions where participants can join in discussion about topics like protocol and grant reconciliation and monitoring, security measures, IACUC evaluation of difficult research measures, studies involving prolonged restraint, and death as an endpoint. Topics have been chosen by the program planning committee to be issues that are currently addressed by the animal research and testing community.

SCAW, The Office of Laboratory Animal Research, NIH, and The University of Texas Health Science Center in San Antonio are co-sponsoring this two day conference in San Antonio on December 8-9, 2003. The conference will again be held at the beautiful and historic Menger Hotel. Members of Institutional Animal Care and Use Committees (IACUC), attending veterinarians, principal investigators, animal care personnel and others interested in the welfare of research animals are encouraged to attend.

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Mission Statement

The Scientists Center for Animal Welfare (SCAW) is a non-profit educational association of individuals and institutions whose mission is to promote the best practices of humane care, use, and management of animals involved in research, testing or education in laboratory, agricultural, wildlife or other settings.

SCAW pursues its mission in several ways.

Principal among them are:

- development, acceptance and implementation of best practices for the promotion of animal welfare with the conviction that quality animal care and use both improves the quality of scientific results and engenders public support for scientific research.
- provision of an ongoing forum for the exchange and evaluation of scientific information about the care, treatment, well-being and ethical use of animals.

Other initiatives of SCAW are:

- encouragement of the development and adoption of effective and efficient standards and measures of performance standards.
- employment of communications media to inform the scientific community, institutional officials, Institutional Animal Care and Use Committees, institutional animal care personnel, public policy makers and the general public about the results of its activities.
- cooperation with other groups, associations and agencies that have goals similar to those of SCAW.

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Newsletter

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Lee Krulisch

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Frank Loew: 1940-2003

Frank Loew is gone, but he set a very high bar for our profession. Frank was, of course, a veterinarian par excellence. For many of us, that would be the pinnacle of a life's ambition, but for Frank it was his entree into the world of science, ethics, and humanitarianism. Frank also had a PhD in nutrition, which he received from the University of Saskatchewan. Within these professions, he touched the lives of many.

Most recently, he was president of Becker College in Worcester, MA where he knew the entire faculty and many of the students by name. He loved it there and thrived in working with the students and bringing top speakers to the campus. Those of you that knew him can certainly appreciate what his enthusiasm and love of people would bring to a small college with career focused academic programs, particularly in the health sciences, business and education.

Before assuming the presidency of Becker College, Dr. Loew was President and Chief Executive Officer of Medical Foods Inc., a small company run by Harvard and MIT alumni dedicated to the development of scientifically validated proprietary, medically important ingredients in foods, beverages and dietary supplements. His product included a chocolate bar to curb nocturnal hypoglycemia in diabetics and a new generation of nutritionally sound sports bars.

Frank went to Medical Foods Inc. not as a stranger to medical nutrition for while at Saskatchewan he was on a team that introduced canola oil to the world, perhaps one of the healthiest of the cooking oils. For this, he received the Queen's Jubilee Medal.

Frank was also the dean of two veterinary colleges: Cornell and Tufts. At Cornell he helped develop the Equine Sports Medicine program. If one is known by the company he keeps, Frank earned a grand legacy at Cornell for under his watch the champagne makers Moet and Chandon gave a sizable check for the Equine program. His presence at Tufts continues to be felt and his name lives on in the Franklin M. Loew Academic Building.

Many of us first knew Frank as director of the Division of Comparative Pathology at Johns Hopkins School of Medicine. He was on many panels and committees and served as consultant to universities, foundations, government agencies, and companies. He received the nation's highest recognition given to a scientist as an elected member of the National Academy of Science's Institute of Medicine. He was Chairman of Council at the Institute for Laboratory Animal Research (ILAR) and served in many other capacities within the Academy complex. He was a diplomat of the American College of Laboratory Animal Medicine and was awarded the Rowsell Award by the Scientists Center for Animal Welfare for his strong belief in ethical principles and his infectious compassion for animals. And, of course, he was published widely in Science, Nature Biotechnology, the New York Times, the Wall Street Journal and all the major veterinary journals.

One cannot just remember Frank by his serious scientific pursuits, for he was a terrific speaker and a very funny man. One of my fondest memories of him was an after dinner drink (talk) he gave at an ACLAM banquet. His topic: Ways in which people misspelled his name when writing to him! He had saved and photographed dozens of envelopes addressed to him, which he showed and discussed for the better part of an hour. The audience was in stitches as each new exhibit was funnier than the last.

I once visited the little cottage he and Deborah had on Cape Cod. It backed onto an idyllic little lake, which he explored in his tiny sailboat. He loved the solitude and beauty of the place and I'm sure that his new sailing grounds are even more spectacular. Frank, we will miss you. We wish you fair winds and following seas.

written by Tom Wolfle-SCAW President

WORLD NEWS



Brochure on Primate Research

e-mail from RDS Email News Service

With UK interest in primate research high, we are grateful to Americans for Medical Progress for drawing our attention to a new US publication supporting the use of nonhuman primates in lifesaving research. Readers should bear in mind that US and UK regulations are different in some important respects; for instance, the use of great apes is outlawed in UK research. Nevertheless, the brochure brings together in one place much information that will be of interest. It has been produced by a consortium of the eight US National Primate Research Centers. Entitled "Linking Research to Healthy Living," it may be downloaded from www.primate.wisc.edu/pin/nprcbrochure.pdf

Dr. Griffin Awarded Medal

Dr Gilly Griffin, Director of Guidelines Development for the Canadian Council on Animal Care (CCAC), has been awarded the Commemorative Medal for the Golden Jubilee of Her Majesty Queen Elizabeth II.

The CCAC is proud to highlight the exceptional work of Dr Griffin. She joined the CCAC in 1995 as Information Officer and became the first Director of Guidelines Development in 1999. Dr Griffin has recently completed the new CCAC guidelines on wildlife. She also contributed to the development of guidelines on transgenic animals, antibody production, appropriate endpoints, protocol review and institutional animal user training. Her determination, innovative approaches, and her close and collegial collaboration with others in this field have made her a nationally and internationally renowned scientist.



Tech Talk

e-mail from AALAS

The April issue of Tech Talk is now available on-line in HTML format at www.aalas.org/member/TT/2003/tt_04_03/4-03_TT.asp. Remember, the Tech Talk Editorial Committee encourages submissions. So, if you have an idea for an article, let us know! In addition to being published in the most read laboratory animal technician publication, you can also earn CEUs.



IACUC: The Charge & The Challenge 9

e-mail from NJABR

...will be held on Friday, November 21, 2003 at the Merrill Lynch Conference & Training Center, Plainsboro, NJ. Theme: When Professional Judgments Collide. Choice of 15 workshops; Special tracks for Administrators and Information Scientists. Registration: \$175 for NJABR members; \$250 for nonmembers. Contact New Jersey Association for Biomedical Research: 908-964-9449.

Save the Date!

December 8-9, 2003
San Antonio, Texas

*Balancing Science and
Animal Welfare - The Freedom
to Succeed (or Fail)*

A SCAW Conference

Course Announcement

e-mail from ICLAS

The Jackson Laboratory is accepting applications for the course, "Genetic Approaches to Complex Heart, Lung and Blood Diseases" to be held in Bar Harbor, Maine, September 11 - 19, 2003.

This highly acclaimed course covers the application of statistics, molecular biology and genetics to the analysis of complex diseases such as asthma, hypertension, and coronary heart disease. Both human and animal model data are presented and considered in-depth. For more information on this course and the application process, please visit http://www.jax.org/courses/hlb_03.html or call 207-288-6263

Guidelines on Wildlife

e-mail from ICCLAS

The Canadian Council on Animal Care (CCAC) guidelines on: the care and use of wildlife have now been published on the CCAC website www.ccac.ca

These guidelines are necessarily broad and are limited to basic principles that will assist investigators, wildlife managers, and animal care committees (ACCs) in the development and review of protocols and standard operating procedures (SOPs). Additional recommendations for the various species groups of wildlife have been developed in conjunction with these more general guidelines and are published on the CCAC website www.ccac.ca



Rowsell Service Award

information courtesy of Canada Newswire

The Canadian Council on Animal Care (CCAC) presented its first Outstanding Service Award to Harry C. Rowsell, in Ottawa. Rowsell established the CCAC in 1968 and became its first executive director. He is the first non-U.S. resident to have been made an Honorary Member of the American College of Laboratory Animal Medicine. Rowsell is also a past president of ICLAS. He has published more than 200 scientific papers, abstracts, book reviews and book chapters.

In 1993 SCAW established an award to honor Dr. Harry C. Rowsell. The Rowsell award is given to a person in the United States or abroad who is known for her/his commitment to fostering the dual goals of good science and the humane treatment of animals.

Disaster Preparedness Resource

e-mail from OLAW

A new web-based Disaster Preparedness Resource developed by the Laboratory Animal Management Association (<http://www.lama-online.org/>) is now available. The resource captures information presented at the May 2002 LAMA meeting on disaster planning and management in laboratory animal research facilities entitled Earth, Wind and Fire: Avoiding Blood, Sweat and Tears.

That conference brought together experts in disaster preparedness and response with institutional representatives who have experienced natural disasters in laboratory animal facilities. The web resource includes a synopsis of each presentation and photos. It can be accessed at: <http://www.lama-online.org/OLAW-1.html>

The development of this resource was supported in part by OLAW.

Conference Announcement

e-mail from ICCLAS

The 2003 Conference of the Laboratory Animal Welfare Training Exchange (LAWTE) held in Tucson, Arizona on August 6-8 will offer sessions to enhance skills and knowledge in training methods, programs, and services for laboratory animal professionals who are dedicated to training programs for improving the welfare of laboratory animals. LAWTE national conferences are, in addition, a valuable networking opportunity in the training field for trainers, training coordinators, IACUC administrators, facility managers, and veterinarians. Highlights of this year's LAWTE Conference will include tips and skills in training methodologies, approaches for the development of training programs, and tools for teaching ethics and sensitivity toward animals. For registration information, visit www.lawte.org.

FELASA Symposium

First announcement for the next FELASA 2004 Symposium is completed. Also, the Organising Committee would like to put it in your respective next publication/Journal books and/or to distribute it during the next Meeting/Sympium of all Laboratory Animal Science Associations.

You will find this First Announcement online in the Web Site: www.afstal.com/felasa.htm

IACUC 101

Event: ARENA IACUC 101 in conjunction with LAWTE - Tucson, AZ
Date: Wednesday, August 6, 2003
Time: 7:30 am - 5:00 pm
Place: DoubleTree Hotel, Tucson, AZ

On Wednesday, August 6, 2003 in Tucson, AZ, the Laboratory Animal Welfare Training Exchange and the NIH Office of Laboratory Animal Welfare will co-sponsor the ARENA IACUC 101 at the DoubleTree Hotel, Tucson-Reid Park. The August 6 ARENA IACUC 101 program will be presented in conjunction with the August 7 and 8, 2003 LAWTE conference.

For more information, please contact Grace Aranda, University of Arizona, Phone: (520) 621-3931, E-mail: garanda@u.arizona.edu

Marine Biotech

Founded in 1983, the only business of Marine Biotech has been to provide turnkey recirculating systems to the aquaculture, live seafood, ornamentals and aquatic research markets, among others. Over that time they have learned a lot about what works and what doesn't work and have used this knowledge to continuously improve their products, systems and services.



In designing systems, they use both their own industry leading products as well as a wide range of products from other respected vendors. They have worked in marine and freshwater, cold, cool and warm water environments with over 80 different aquatic species. For more information on Marine Biotech please visit the website www.marinebiotech.com or e-mail sales@marinebiotech.com

Tribranch/AALAS Symposium

SCAW recently exhibited at the Tribranch/AALAS symposium in June. The exhibit lasted for one and one half days and many people stopped by the SCAW exhibit with requests for information concerning research animal welfare. A lovely reception was held in the evening of the symposium and attendees could enjoy the food and libations and also visit the exhibits.

SCAW saw some old friends and made some new ones. Thanks to the generosity of Tribranch/AALAS, SCAW has been attending the Tribranch meeting for many years. Greg Reinhard-SCAW board member, Lee Krulisch-SCAW executive director and Anne Chestnut-SCAW staff, all worked and were very helpful at the booth. We look forward to the meeting again next year.

SCAW Executive Committee Meeting

In early May at the SCAW office, the Executive Committee of the SCAW Board of Trustees met and discussed many issues relevant to the welfare and future of SCAW. Some items for discussion were:

The promotion and advancement of the IACUC-Advanced workshops was top on the list; it was concluded that the workshops are successful but that more funding is needed to continue to sponsor and promote them.

SCAW is still working on a handbook for nonaffiliated and nonscientist IACUC members and it should be published later this year.

For the remainder of 2003 SCAW has or will exhibit at Tribranch/AALAS, NCAB/AALAS and National AALAS in Seattle. In 2004 SCAW plans to exhibit at the following national and regional meetings: Society of Toxicology, Experimental Biology, Tribranch/AALAS, NCAB/AALAS and National AALAS in Tampa.

Present at the meeting were Drs. Wolfle, Reinhard, Hughes, Gonder, Stitzel, Mr. Slater. Lee Krulisch, Executive Director, participated *ex officio*.

Planned Giving

There are many ways, some of them simple, to help your favorite non-profit charities, like the Scientists Center for Animal Welfare. Entry level planned giving can include outright contributions of monies or property by will or bequest.

A sample form for a simple bequest is as follows: I give, devise, and bequeath to the Scientists Center for Animal Welfare, a tax exempt organization located at 7833 Walker Drive, Suite 410, Greenbelt, MD 20770, (state percentage of money or otherwise describe property) to be used for/by the SCAW for general (or state specific) purposes.

SCAW wishes to thank everyone who has made a donation in the past two decades. Without this financial support, SCAW could not promote best practices in animal research and testing. We hope that you will consider including SCAW in your planned giving program.

Office of Extramural Research Revised Guidance Regarding IACUC Approval of Changes in Personnel Involved in Animal Activities Release Date: June 6, 2003 NOTICE: NOT-OD-03-046 National Institutes of Health (NIH) This notice amends guidance provided in 1995 to Public Health Service (PHS) awardee institutions and Institutional Animal Care and Use Committees (IACUCs)

IACUC Approval of Changes in Personnel Involved in Animal Activities



concerning IACUC approval of changes in personnel involved in animal activities. This is in accord with efforts to reduce the regulatory burden of provisions of the PHS Policy on Humane Care and Use of Laboratory Animals (PHS Policy) and, as applicable, the USDA animal welfare regulations (AWRs). The Office of Laboratory Animal Welfare (OLAW), NIH, and the USDA Animal Plant Health Inspection Service (APHIS) concur with the guidance provided in this notice. BACKGROUND PHS Policy (IV.B.7) (<http://grants.nih.gov/grants/olaw/references/phspol.htm>) and USDA regulations (9CFR 1, chapter 1, Part 2, 2.31(c)(7)) (<http://www.nal.usda.gov/awic/legislat/awafin.htm>) require the IACUC to “review and approve, require modifications in (to secure approval) or withhold approval of proposed significant changes regarding the use of animals in ongoing activities.” In 1995, the NIH Office for Protection from Research Risks, now OLAW, published guidance regarding examples of “significant change” to approved research protocols (Lab Animal 24 (9):24-26, 1995)(<http://grants.nih.gov/grants/olaw/references/laba95.htm>). This guidance was intended to assist IACUCs in determining when a full or designated member review process is required under the provisions of the PHS Policy and the USDA AWRs. One of the examples of “significant change” provided was “...changes in personnel involved in animal procedures;...” The rationale for that guidance was based on the need for the IACUC to ensure the performance-based outcome that all personnel conducting procedures on animals are appropriately identified, adequately trained and qualified, and that they are enrolled in applicable occupational health and safety programs. Members of the research community have pointed out circumstances under which strict adherence to this earlier guidance may be unnecessarily burdensome on IACUCs and research teams, without adding to the intended protections. For example, IACUC approval of the replacement for a key research technician or post doctoral

follow on a protocol may entail prolonged delays in a research project, even when the individual named as a replacement has already been fully certified by the IACUC as qualified to perform the same procedures on a different protocol. In addition, some institutions have applied full or designated review requirements for adding individuals with minimal direct involvement in animal procedures to the protocol. OLAW, in consultation with USDA, APHIS, Animal Care, is hereby revising the 1995 guidance on review mechanisms for personnel changes on a protocol. IACUCs may, by institutional policy, classify certain proposed additions and changes in personnel, other than the Principal Investigator, as “minor” provided that an appropriate administrative review mechanism is in place to ensure that all such personnel are appropriately identified, adequately trained and qualified, enrolled in applicable occupational health and safety programs, and meet other criteria as required by the IACUC. The IACUC remains responsible for confirming that all IACUC review criteria regarding personnel training and qualifications are maintained and documented (PHS Policy IV,C,1 and 9CFR 1, chapter 1, Part 2, 2.31). Institutions will be held accountable for ensuring the performance-based outcome that all individuals involved in animal-related activities are competent to do so. This guidance is intended to provide substantial reduction of burden on IACUCs and research teams without diminishing the crucial oversight of personnel training and qualifications.

e-mail from OLAW



On June 6, 2003, NOT-OD-03-046, OLAW amended guidance provided in 1995 to Public Health Service (PHS) awardee institutions and Institutional Animal Care and Use Committees (IACUCs) concerning IACUC approval of changes in personnel involved in animal activities. The guidance is intended to provide substantial reduction of burden on IACUCs and research teams without diminishing the crucial oversight of personnel training and qualifications. The USDA Animal Plant Health Inspection Service (APHIS) concurs with the guidance. The guidance appears above and at: <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-03-046.html>

IACUC-Advanced a workshop created by SCAW is developed around Cores I, II, and III. The format of this workshop is such that small groups can discuss specific, complex topics that are relevant to IACUC functions, and focus on advanced training. These workshops are for experienced IACUC members and others who work with laboratory animals.

IACUC-Advanced

Following the success of the last workshop (over 100 people attended!) in Minneapolis, SCAW has another workshop planned. It will be held at the Natcher Conference Center at the National Institutes of Health in Bethesda, MD on October 28, 2003. The registration form is on the next page of this newsletter. Please see program (draft) below. For additional information regarding the **IACUC-Advanced** workshop in Bethesda, please visit www.scaw.com

PROGRAM

draft

8:15 a.m. Registration/Continental breakfast

8:45 Welcome by SCAW and NIH
*Thomas L. Woffle, DVM, PhD, James F. Taylor, DVM, MD
Joseph S. Venable*

9:00 Introduction to IACUC-Advanced
Gregory R. Reinhard, DVM, DACLAM

9:15 **Core I Presentation**
IACUC Function and Development:
NIH Intramural Research Animal Program
Richard Wyatt

9:45 **IACUC Investigation of Allegations**
Neil Caudle

10:15 **Professional IACUC Support Staff**
J.G. Collins, PhD

10:35 Break

10:50 **Core II Presentation**
IACUC Protocol Review:
**Euthanasia: Evaluation by Animal Care Committees and
New Developments**
Peggy J. Danneman, DVM, William J. White, VMD, MS

11:30 **Enrichment as a Variable in Science**
Melinda A. Novak, PhD

12:00 p.m. **Regulations, Guidelines, Accreditation:**
Ask What You Want to Know
*Nelson L. Garnett, DVM, Kathryn A.L. Bayne, MS, PhD, DVM,
DACLAM, Chester A. Gibson, DVM, MA*

12:30 Lunch

1:15 **Core III Presentation**

Special Advanced Topics

First Discussion Session

Use of Endpoints to Minimize Pain and Distress
Judith A. Davis, DVM

Health and Safety Issues
*Debbie Wilson
Jim Schmitt
W. Emmett Barkley*

Nonaffiliated and Nonscientist IACUC Members:
Function, Development and Contributions
Lee Krulisch, Gerald S. Schatz

2:15 **Second Discussion Session**

Scientific Merit and IACUC Responsibility:
Ernest D. Prentice, PhD

CO2 As An Euthanasia Tool
Peggy J. Danneman, DVM, William J. White, VMD, MS

Relationship Between Research Protocol and Grant
Application
Nelson L. Garnett, DVM

3:15 Break

3:30 **Third Discussion Session**

Addressing Difficult and Complex Protocols
*Ernest D. Prentice, PhD
Carol Wigglesworth*

Enrichment Strategies: All (Research) Creatures
Great and Small
*Kathryn A. L. Bayne, MS, PhD, DVM, DACLAM
Melinda A. Novak, PhD*

How Protocol Review Benefits Science and
Researcher
Tom Walsh

4:30 End of Workshop

Registration for IACUC-Advanced

Co-hosted with Johns Hopkins University/March 5, 2004

Registration Fees:

___ Single Registration 245.00

___ SCAW Institutional Members 200.00

There will be no refund of registration fees.

Name:

Title:

Company Name:

Street Address, City, State, Zip:

Telephone, E-mail, Fax:

I will pay for my registration with:

___ Check or Money Order ___ MasterCard ___ Visa

Make checks payable to SCAW. Payment must be in U.S. funds and payable on a U.S. bank. American Express is not accepted.

Card number:

Expiration Date: ___/___

Name and e-mail of cardholder (please print):

Authorized signature:

Please return registration fees along with this form to the address below.
Confirmation of registration will be sent via e-mail.

Scientists Center Animal Welfare
7833 Walker Drive, Suite 410
Greenbelt, MD 20770
301-345-3500 301-345-3503 fax
www.scaw.com info@scaw.com

Workshop Information

IACUC-Advanced co-hosted with
Johns Hopkins University

Date: March 5, 2004

Hotel: Tremont Suite

222 St. Paul Place
Baltimore, MD 21202
1-800-TREMONT

Single/Double \$109.00 Studio Suite

The hotel fee includes a shuttle to the
workshop which will be held at the
Turner Building. Hotel cutoff date is
February 12.

Workshop Location: Johns Hopkins
University at the East Baltimore Campus,
Turner Building

Future IACUC-Advanced Workshops:

April 15, 2004/New York, NY
*co-hosted with Rockefeller University and
Weill Medical College of Cornell
University*

September 17, 2004/Denver, CO
*co-hosted with University of Colorado
Health Sciences Center and National
Jewish Medical & Research Center*

Some thoughts on the UFAW Symposium

by Lee Krulisch, Executive Director of SCAW

The Universities Federation for Animal Welfare (UFAW) held a symposium in Edinburgh in early April of this year. In addition to general topics regarding research animal welfare, there were several short presentations on new studies being done, especially by graduate students, many of whom received support from UFAW. Topics included: *Using Animal Behavior to Assess Animal Welfare* by Dr. Dawkins, *Brain Measures Which Tell Us About Animal Welfare* by Drs. Broom and Zanella, *Assessing Pain in Animals—Putting Research into Practice* by Drs. Flecknell and Roughan, also presented were topics on zoo and farm animal welfare. It was a full and varied program and was attended by about 300 people. The weather cooperated and made the visit pleasant, especially since it was quite the hike from the dormitories to the meeting area. A reception was held at the National Gallery of Scotland. Refreshments were served and people could wander at their leisure around the museum and chat with colleagues in a relaxed setting.

I was pleased to meet some old friends of SCAW and to make some new ones. It was an excellent meeting, evidently a result of much detailed planning and thought. I was surprised that, in casual conversation with other attendees, how few knew about the Institutional Animal Care and Use Program, PHS policy and AAALAC accreditation that are in place in the U.S.

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