



Animal Care Matters

An IACUC and ARF e-Newsletter

From the IACUC Administrator

Stephanie Cook



Spring
2010

ANIMAL USE POLICIES

When writing animal use proposals and amendments, please be aware that there are requirements for the use of live animals in breeding, experiments and teaching. Below is a list of links for regulations, guidelines and policies in use at the University of South Carolina system that pertain to the use and care of animals. In particular, pay attention to specific USC policies that have been developed for use by investigators and other researchers utilizing animals.

The following links can be found at the ARF LINKS page: <http://uscm.med.sc.edu/ARF/links.html>.

NIH's *Public Health Service Policy on Humane Care & Use of Laboratory Animals Tutorial* will introduce you to the regulations and guidelines governing the use of animals in biomedical research.

Animal Welfare Information Center contains large sections of regulation enforcing the federal Animal Welfare Act. These regulations have the force of law and govern many aspects of laboratory animal care and use.

ILAR's *Guide for the Care and Use of Laboratory Animals* provides standards for the care and use of live, vertebrate animals in biomedical research. You can still read the text free under the "Free Resources" section.

The AVMA's *Panel on Euthanasia* has document has been incorporated into both the Animal Welfare Act and the Public Health Service Policy as the single authoritative document determining how research animals may be euthanized. You will need Adobe Acrobat Reader in order to view this document.

The *MSDS Database* - All substances used in animal protocols must be documented for the IACUC so proper safety procedures may be taken.

Guidelines for the Care and Use of Mammals in Neuroscience and Behavioral Research is now available via the OLAW website in PDF format with permission from the National Academy of Sciences.

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SEND YOUR ORIGINAL
ANIMAL ORDER FORMS
TO ARF AFTER YOU
HAVE FAXED THEM

ANIMAL ORDER DEADLINE

Thursdays @ 2:00pm is the cutoff for ordering animals needed the following week. This allows the ARF sufficient time to clarify any issues that may arise due to incomplete information from the PI as well as unforeseen vendor problems. If you are ordering animals, please make someone familiar with the order available on Thursdays to answer questions. Charlotte wants you to have your animals when you need them.

FROM THE IACUC CHAIR

As many of you know, laboratory animal use has been on the rise at USC. Over the last three years, animal numbers have doubled. The number of proposed and approved projects has also increased significantly. To address that issue as well as others related to PIs and research activities, an initiative has been underway to obtain a software solution to the increasing volume of work. I am happy to announce that bids are due this week for an IACUC and IBC web-based application sys-

tem. In addition to allowing committee administrators to take on other duties (reporting, training, and compliance) it will also allow investigators to participate more directly in the process, including post-meeting, animal ordering and reporting activities. This new system will eliminate many of the issues we have had with the 'virtual paper' system currently in use.

It will require several months to go through the review, evaluation, delivery, testing, and staff

training processes. In addition to IACUC committee members' participation in the testing process, it is hoped that a few investigators who require both IACUC and IBC approvals will participate in the testing phase.

- Ken Walsh, Ph.D.



Please use the newer Animal Request Form (revised January 2009). Some labs are using the old forms. If you need new forms, please call or come by the ARF office.

ANIMAL REQUEST FORM						29381																																
Please print or type. Limit one order per form. All copies must be legible. Orders will not be accepted without all pertinent information. DO NOT SEPARATE THIS FORM. To confirm order, call 777-8106. Please fax order to 777-2849 and mail form to ARF, GSRU Suite 102.																																						
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Dept _____	Dept # _____	Fund # _____	AUP _____																																			
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FOR ARF USE ONLY																																						
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Date Order Placed: _____		Placed by: _____																																				
Vendor: _____		Vendor Rep: _____																																				
Price per Animal: _____	Date to Ship: _____	Date Rec'd: _____																																				
Comments: _____																																						
Cost: _____																																						
Transport: _____																																						
Crate: _____																																						
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Tax: _____																																						
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Updated 01/2009-02/2009																																						

KNOW YOUR ANIMAL USE POLICIES (cont'd) USC IACUC POLICIES
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Below are specific policies developed by the University of South Carolina Institutional Animal Care and Use Committee (IACUC). New policies are developed as required so it pays to check the website every few months to stay up to date. Policies on the use of guillotines in the euthanasia of rats and environmental enrichment for vertebrate animal species have been in development since late last year.

These policies can be found at <http://uscm.med.sc.edu/ARF/iacuc.html>

Policy 01: USC Statement of the Care and Use of Laboratory Animals

Policy 02: IACUC Membership and Function

Policy 03: Review of Animal Use Proposals

Policy 04: Inspection of Laboratories

Policy 05: IACUC Guidelines on Endpoints in Animal Use Proposals

Policy 06: Physical Restraint of Animals

Policy 07: Food and Water Restriction or Deprivation

Policy 08: Euthanasia of Laboratory Animals

Policy 09: Multiple Survival Surgeries

Policy 10: Rodent Survival Surgery

Policy 11: Significant Changes to AUPs

Policy 12: Pain or Distress Associated with Infectious Disease or Induced Tumors

Policy 13: Use of Di-Ethyl Ether

Policy 14: Evaluating AUPs with Transgenic or KO Animals

Policy 15: Use of Cell Lines in Live Animals

Policy 16: Use of Freund's Adjuvant in Laboratory Animals

Policy 17: Inspection of USC Animal Facilities by Non-USC Personnel

Policy 18: Reporting Concerns about the Use of Laboratory Animals

Policy 19: Importation of Rodents

Policy 20: Non-Human Primates

Policy 21: Calibration & Inspection of Anesthetic Systems

Policy 22: AAALAC Statement on Herpes B

Policy 23: Quarantine and Stabilization of Animals

Policy 24: Use of Expired Material and Non-Pharmaceutical Grade Drugs

Policy 25: Training Personnel for Laboratory Animal Use or Care

Policy 26: Sterilization of Instruments and Supplies

Policy 27: Post Approval Monitoring

Policy 28: Mouse Cage Density

ANIMAL CARE MATTERS

An IACUC and ARF
e-Newsletter

Animal Resource Facilities
School of Medicine
Graduate Science Research
Center, Ste. 102
Columbia South Carolina
29208

Phone: 803/777-8106

Fax 803.777.2849

Email: iacuc@mailbox.sc.edu

**THE UNIVERSITY OF SOUTH CAROLINA'S
ANIMAL RESOURCE FACILITIES RECEIVED A
RE-ACCREDITATION FROM AAALAC
(ASSOCIATION FOR ASSESSMENT AND
ACCREDITATION OF LABORATORY ANIMAL
CARE INTERNATIONAL) AFTER OUR
TRIENNIAL SITE VISIT IN OCTOBER 2009.
USC IS ONE OF ONLY 800 INSTITUTIONS IN
32 COUNTRIES TO RECEIVE THIS
ACCREDITATION FROM THIS ORGANIZATION.**

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

We're on the Web !!

[http://uscm.med.sc.edu/
ARF/index.htm](http://uscm.med.sc.edu/ARF/index.htm)

Change is good. . .Change is good. . .Change is good. . .

The IACUC e-mail address listing in the USC Outlook Global Address List has changed. It is now **ANIMAL CARE COMM, SOM**.
The email address is iacuc@mailbox.sc.edu.

Animal Care Matters is published four times a year by the Institutional Animal Care and Use Committee (IACUC) and Animal Resource Facilities (ARF) of the University of South Carolina (USC).

The IACUC is an institutional body appointed by the USC President to oversee the program for the humane care and use of all vertebrate animals used for research, teaching, and training. Any investigator who intends to use laboratory animals must submit an Animal Use Proposal (AUP) to the IACUC for its review and approval.

The ARF provides care and maintenance of all animals used by investigators. Preventive care is provided through vendor animal health evaluations, quarantine programs, and sentinel animal diagnostics. Special care and services can be provided upon request.

Comments and submissions for **Animal Care Matters** are welcome and should be directed to Stephanie Cook, IACUC Administrator, at 777-8106 or iacuc@mailbox.sc.edu.

IACUC Meetings 2010

Meeting	AUP
Date	Deadline
Jan 7	Dec 16
Feb 4*	Jan 28
Mar 4	Feb 24
Apr 1	Mar 24
May 6	Apr 28
Jun 3	May 26
Jul 1	Jun 23
Aug 12*	Jul 28
Sep 2	Aug 25
Oct 7	Sep 29
Nov 4	Oct 27
Dec 2	Nov 17

*semi-annual

IACUC MEMBERSHIP

CHAIRMAN

Ken Walsh, Ph.D.

MEMBERS

Shayne Barlow, D.V.M., Ph.D.
Greg Brower, D.V.M., Ph.D.
Edie Goldsmith, Ph.D.
Mathew Kostek, Ph.D.
Robert Lawrence, Ph.D.
Rupal Pandey
Marj Peña, Ph.D.
Lawrence Reagan, Ph.D.
Theresa Smith, Ph.D.

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Tina Forsthoefel, Ph.D.
Marli Clary Drum

CONSULTANT

Tommy Coggins