



Berkeley Animal Care News

January 2014
Volume 3
Issue 1

Animal Care and Use Committee (ACUC)
acuc@berkeley.edu

(510) 642 - 8855
www.acuc.berkeley.edu

INSIDE THIS ISSUE

- 1 Happy New Year!
- 2 Updated ACUC Euthanasia Guidelines
- 3 PHS Vertebrate Animal Section (VAS) & the 2013 AVMA Euthanasia Guidelines
- 4 Update on LSA Barrier Facility
- 5 Requesting Access to UCB Animal Facilities
- 6 Per Diem Rate Calculation Methodology Available on OLAC Website
- 7 New & Revised ACUC Policies/Guidelines

RESOURCES

- 1 Animal Care and Use Committee (ACUC)
<http://www.acuc.berkeley.edu/>
- 2 Office for Animal Care and Use (OACU)
<http://www.olac.berkeley.edu/>
- 3 Office for Laboratory Animal Care (OLAC)
<http://www.olac.berkeley.edu/>

Happy New Year!

Welcome back to the second half of the academic year!

The ACUC was busy last semester drafting, reviewing, and revising several animal care and use policies and guidelines that are highlighted in this issue. Please take a look at these and other current versions of ACUC policies and guidelines available on line at the ACUC web site, <http://www.acuc.berkeley.edu/guidelines.html>.

We experienced a real-life opportunity to test the campus animal care contingency plans highlighted in the [last issue of the newsletter](#) during the campus-wide power outage that occurred on 9/30/13. We are pleased to report that this advance planning paid off - following the established emergency procedures, OLAC staff were able to ensure the well-being of research animals and personnel during the power outage. OLAC contingency plans are posted on the OLAC web site, <http://www.olac.berkeley.edu/olac/safety.html>.

Another important event during the fall semester was the town hall meeting convened by Vice Chancellor for Research and Institutional Official Graham Fleming on 11/5/13. This meeting, which was open to all researchers using animals in research or teaching, provided a forum for discussion of animal care issues on the Berkeley campus. During the meeting, the Vice Chancellor gave a brief overview of regulatory oversight of the UCB animal care program and discussed the financial challenges of maintaining a program of this level of excellence. Specifically, he discussed the current model for developing per diem rates and provided a plan for meeting program costs that is shared by both the faculty and the campus administration.

Finally, plans are moving forward for the construction of a Barrier Facility on the sixth floor of LSA. Additional details are outlined on page 2.

Kind regards,

Bill Sha
ACUC Chair

Eileen Lacey
ACUC vice Chair

INSIDE THIS ISSUE

- 1 Happy New Year!
- 2 Updated ACUC Euthanasia Guidelines
- 3 PHS Vertebrate Animal Section (VAS) & the 2013 AVMA Euthanasia Guidelines
- 4 Update on LSA Barrier Facility
- 5 Requesting Access to UCB Animal Facilities
- 6 Per Diem Rate Calculation Methodology Available on OLAC Website
- 7 New & Revised ACUC Policies/Guidelines

RESOURCES

- 1 Animal Care and Use Committee (ACUC)
- 2 Office for Animal Care and Use (OACU)
<http://www.acuc.berkeley.edu/>
- 3 Office for Laboratory Animal Care (OLAC)
<http://www.olac.berkeley.edu/>

Updated ACUC Guidelines on Euthanasia

The ACUC recently updated the UCB Euthanasia Guidelines, <http://www.acuc.berkeley.edu/guidelines/euthanasia.pdf>, to reflect changes in the AVMA Guidelines for Euthanasia of Animals: 2013 Edition, which can be found at: <https://www.avma.org/KB/Policies/Documents/euthanasia.pdf>.

PHS Grant Proposals

PHS Policy requires that euthanasia be conducted according to the [AVMA Guidelines on Euthanasia, updated in 2013](#). Therefore, as of September 1, 2013, the Vertebrate Animal Section (VAS) of grants and contracts must be consistent with the 2013 Guidelines.

In their submission to NIH, grant applicants and contract offerors are required to describe any method of euthanasia to be used and the reasons for its selection and to state whether the method proposed is consistent with the 2013 AVMA Guidelines. If the proposed method is not consistent with the AVMA Guidelines, a scientific justification must be included in the VAS as well as the UCB Animal Use Protocol.

If you have any questions regarding appropriate euthanasia methods, please contact the Office for Laboratory Animal Care (OLAC) veterinary staff at 642-9232. For questions regarding the VAS of your PHS grant proposal, please contact the Office for Animal Care and Use (OACU) at 642-8855 or the Sponsored Projects Office (SPO) at 642-0120.

LSA Barrier Facility

Plans are underway for a barrier mouse facility on the sixth floor of LSA. The facility, which will allow microbial exclusion of mice, will encompass Suites 6, 7, and 8. Construction is expected to begin in April/May 2014, will last approximately 6-8 weeks, and will impact the entire floor. Look for a series of meetings later this semester to discuss planning and impacts.

For further information, please contact Attending Veterinarian Roger Van Andel, vanandel@berkeley.edu, 643-9567.

INSIDE THIS ISSUE

- 1 Happy New Year!
- 2 Updated ACUC Euthanasia Guidelines
- 3 PHS Vertebrate Animal Section (VAS) & the 2013 AVMA Euthanasia Guidelines
- 4 Update on LSA Barrier Facility
- 5 Requesting Access to UCB Animal Facilities
- 6 Per Diem Rate Calculation Methodology Available on OLAC Website
- 7 New & Revised ACUC Policies/Guidelines

RESOURCES

- 1 Animal Care and Use Committee (ACUC)
<http://www.acuc.berkeley.edu/>
- 2 Office for Animal Care and Use (OACU)
<http://www.olac.berkeley.edu/>
- 3 Office for Laboratory Animal Care (OLAC)
<http://www.olac.berkeley.edu/>

Requesting Access to UCB Animal Facilities

To request access to a UCB animal facility, researchers must submit a **Supplemental Card Key Form**, which can be downloaded from the Office for Laboratory Animal Care (OLAC) web site:

<http://www.olac.berkeley.edu/olac/forms/supplementalcardkeyrequest.pdf>.

The following requirements must be met **prior** to submitting the card key request form to OLAC:

1. **Obtain a Cal 1 ID Card and CalNet ID:**
See <http://services.housing.berkeley.edu/c1c/static/gettingcard.htm>.
2. **Complete the required training:**
 - a. CITI Training (online): Investigators, Staff and Students - Basic Course (see <http://www.acuc.berkeley.edu/training.html>).
 - b. NAF Safety Training (in person): Only required for individuals working in NAF (see <http://www.olac.berkeley.edu/training.html>)
3. **Enroll in the Animal Occupational Health & Safety Program (AOHSP):**
Enroll in the AOHSP by submitting the online Animal Exposure Questionnaire (AEQ), available on the EH&S website (see <http://acuc.berkeley.edu/occupationalhealth.html>).
4. **Be listed on an approved Animal Use Protocol (AUP):**
Check with your PI or the Office for Animal Care and Use (OACU) at 510-642-8855 to verify that you have been added to an approved protocol. Confirmation of approval is emailed by the OACU to all new personnel added to an AUP. **Attach a copy of the OACU email to the Card Key Form**, which you can download from the [OLAC web site](#) (see above).

Card key requests must be submitted **in person** with your Cal 1 Card at the OLAC Office located in 203 NAF. Faxed or mailed requests will not be processed.

Per Diem Rate Calculation Methodology Available on OLAC Website

In addition to the [current OLAC per diem rates](#), the methodology used to calculate these rates is available on the [OLAC web site](#). The algorithm was developed by a faculty advisory committee appointed by the Vice Chancellor for Research, and reviewed by both the Campus Recharge Committee and the Committee on Animals Research Space Assignment (CARSA). For questions regarding OLAC per diem rates, please contact the OLAC office at 642-9232.

INSIDE THIS ISSUE

- 1 Happy New Year!
- 2 Updated ACUC Euthanasia Guidelines
- 3 PHS Vertebrate Animal Section (VAS) & the 2013 AVMA Euthanasia Guidelines
- 4 Update on LSA Barrier Facility
- 5 Requesting Access to UCB Animal Facilities
- 6 Per Diem Rate Calculation Methodology Available on OLAC Website
- 7 New & Revised ACUC Policies/Guidelines

RESOURCES

- 1 Animal Care and Use Committee (ACUC)
<http://www.acuc.berkeley.edu/>
- 2 Office for Animal Care and Use (OACU)
<http://www.olac.berkeley.edu/>
- 3 Office for Laboratory Animal Care (OLAC)
<http://www.olac.berkeley.edu/>

Several New and Revised ACUC Policies/Guidelines

The ACUC recently approved several new and revised guidelines, all of which can be found on the [ACUC web site](http://www.acuc.berkeley.edu):

[Principal Investigator Responsibilities](#) are described in this policy which applies to individuals who have been granted PI status and therefore accept responsibility for the ethical use of animals in research and/or teaching including appropriate design, execution, and management.

[Investigator Care of Vertebrate Animals](#) outlines both investigator and OLAC responsibilities in cases where the ACUC has reviewed and approved a request for the investigator to provide routine husbandry care of their animals.

[OLAC Care of Vertebrate Animals](#) outlines both investigator and OLAC responsibilities in cases where OLAC provides routine husbandry care of research animals.

[Investigators who Manage Mouse Breeding Programs](#) provides guidance on monitoring breeding colonies, breeding schemes, weaning, preventing overcrowding, cage-changing schedules, and cage identification.

[Best Practices for Mouse Breeding](#) outlines strategies for optimizing mouse breeding programs, including general tips, mating, gestation & post-parturition, light cycles and cross-fostering of mouse pups. An excellent reference!

[The Guidelines for the Production of Antibodies in Laboratory Animals](#) were revised to include two additional alternative methods.

[Physical Restraint of Unanesthetized Animals](#) is intended to ensure that: (1) the method of restraint is appropriate for the species of animal, (2) the period of restraint is the minimum required for experimental objectives, (3) the personnel performing the restraint have been appropriately trained, and (4) when prolonged physical restraint is necessary, the physical, physiological and psychological effects on the animal are minimized.

[Use of Neuromuscular Blocking Drugs \(NMBD\) in Anesthetized Animals](#) provides guidance to laboratory personnel so that the use of these agents in laboratory animals is carefully and properly managed.