

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC)
CALIFORNIA STATE UNIVERSITY, BAKERSFIELD
9001 Stockdale Highway, Bakersfield, CA 93311-1099

MINUTES OF MEETING
Friday, 11 October 2002
Old Pub/Runner Café

Members Present:

Scientific Concerns: David Germano, Todd McBride, Steve Suter
Non-Scientific Concerns: Andrew Troup, Jane Granskog
Consulting Veterinarian: Mylon Filkins
Community Issues: Martin Murdock

Members Absent:

Curt Thompson, Debbie Kroeger

Visitors:

Isabel Sumaya for Review of Protocol 02-02
Carol Raupp, Professor of Psychology
Robert Sokol, Psychology Student

Meeting was called to order by Chair Steve Suter at 1:07 PM.

PREVIOUS MINUTES:

Murdock moved and McBride seconded, a motion to approve the minutes for the IACUC meeting of 28 September 2001. The motion was approved unanimously, with 7 "aye," 0 "nay," and 0 "abstentions."

ANNOUNCEMENTS:

Curt Thompson is the new CSUB Safety and Risk Management Officer. Isabel Sumaya is the new Director of the Animal Facility.

Copies of *Institutional Animal Care and Use Committee Guidebook [2nd ed., 2002]* was distributed to members. It was noted that Suter and Kroeger had read this over the summer and found several situations in which IACUC policy/procedures needed to be "tightened up" [see below]. Others were urged to use this book as a handy reference.

OLD BUSINESS:

Risk Assessment/Medical Monitoring. The present practice of administering pre-screening physical exams for everyone having substantial contact was discussed. It has been determined that this is not required. A risk factor check-off system could be inserted prior to conduct of a physical examination to reduce the number of persons examined. It was agreed that persons having "incidental contact" with animals should be treated differently than those having "substantial contact." The operational threshold between these must be defined. Everyone should be given a brief health and safety orientation in the form of lecture and/or handout and a self-evaluation sheet listing of risk factors. For "incidental contact" students having risk factors would be advised to avoid contact with animals. For "substantial contact" there was debate about

whether or not the self-evaluation results should be sent to a consulting physician to determine whether a physical examination is warranted. One concern was the time required may interfere with conduct of courses.

Health and Safety Training. Curt will be asked to get together an outline of the material to be covered by researchers and instructors with their students.

Humane Use of Animals. There was debate about the necessity of elaborate ethical training, who requires training, and how it will be provided. There was a consensus that only the humane use of animals area requires training from a source other than the instructors/investigators themselves. Examples of on-line materials were handed out.

It was noted that there were quite a few requirements accumulating to be able to use an animal. A list was requested. The requirements are: (a) have the animal on an approved protocol, (b) have persons having substantial contact certified as trained, and (c) post the necessary materials in the room where the animals will be used (see below).

NEW BUSINESS:

CSUB IACUC Policy/Procedure Recommendations from IACUC Guidebook [2002]:

The following are *not* new policy/procedures, but need to be followed carefully:

1. Every animal must be on an approved protocol and must be tracked from shipping to end of life.
2. Every animal must be housed in an approved facility [the DDH Animal Facility]. Relocation for use should not be overnight.

The following is a new policy/procedure:

3. There must be a clear procedure for filing allegations of protocol violations. These are:
 - a. The protocol, IACUC authorization letter, and instructions for reporting allegations of protocol violations must be posted in the room where animals are used under the protocol. All members of the IACUC will be listed as persons with which allegations may be filed.

Granskog moved and Germano seconded a motion to approve the above three policy/procedures. The motion was passed with 7 "yes," 0 "no," and no "abstention."

Formal Closures: Granskog moved and Filkins seconded, a motion to close Protocols 01-02 and 01-03. The motion was passed with 7 "yes," 0 "no," and no "abstention."

Request for Renewals: Renewal was requested for Protocol 01-04. McBride described the purpose of the protocol and the projects conducted under it. In response to questions, a description of the physical apparatus was provided and it was explained that no extremes of physical parameters such as temperature had been explored under this protocol. Germano moved and Troup seconded, a motion to renew Protocol 01-04 for one year. The motion was passed with 7 "yes," 0 "no," and no "abstention."

Policy on Acceptable Euthanasia: It was noted that the current CSUB IACUC policy limits euthanasia for rodents to barbiturate injection, whereas a recent guideline issued by AVMA, appended to the new IACUC Handbook, includes CO2 gas as a primary means of euthanasia. It was moved that "Euthanasia shall be administered in accord with the most recent recommendations of the AVMA." Granskog moved and McBride seconded the motion. The motion was passed with 7 "yes," 0 "no," and no "abstention."

Protocol Reviews:

New Protocol 02-02 (Isabel Sumaya) "Psychology Course 301L: Principles of learning Laboratory"

Dr. Sumaya provided a brief summary. This is the same protocol that has been used for this course, but with a new instructor. It was explained how principles of learning are studied in the rats. A dialog followed:

Q: How many animals will be used **A:** There will be one rat/student, for a total of 24 rats.

Q: Will the TAs involved get formal training as indicated in the protocol? **A:** Yes, using existing materials, including a required exam prior to interacting with the animals. Robert Sokol, a psychology student, commented on the training. She has used instructional videos in other institutions. The committee was urged to make good use of Dr. Sumaya's expertise in developing training procedures and materials.

Q: What will happen to the rats when the protocol is finished. **A:** The investigator would like to re-use them in her own protocols if they are sent through the IACUC.

When there were no additional questions, the investigator and visitors were excused.

Granskog moved and McBride seconded, a motion to **approve Protocol 02-02** for one year. The motion was passed with 7 "yes," 0 "no," and no "abstention."

AREAS OF CONCERN: none

BI-ANNUAL INSPECTION OF ANIMAL FACILITY:

The members of the IACUC walked to DDH and inspected the Animal Facility in H-100. Isabel Sumaya, the Director of the Animal Facility was present. Dr. Sumaya indicated that tracking of animals would be facilitated by use of standard, informative cage tags, which she would order. Dr. Sumaya noted that the food in use was six months beyond expiration date and suggested that more attention should be paid to expiration dates on food. The consulting veterinarian supported this, pointing out that vitamin and nutrient content could degenerate in old food. This will be done. It was also noted that ideally food would be stored in a room separate from animal housing. It was agreed that nothing could be done about this because the facility only has two rooms and the colony room is the room most isolated from possible problems, such as vermin.

NEXT MEETING:

Friday, 31 January 2003 - "Old Pub"

12:30 p.m. - Lunch

1:00 p.m. - Meeting

ADJOURNMENT:

There being no further business, the meeting was adjourned at 3:30 PM. (Grankog moved, Germano seconded, approval unanimously).

Training of IACUC Members:

A training session followed the meeting, dealing with the nine "U.S. Government Principles for the Utilization and Care of Vertebrate Animals Use in Testing, Research, and Training."

Respectfully Submitted,

Steve Suter
Professor of Psychology
Secretary for the IACUC