

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

MINUTES OF MEETING
06 October 2000
Stockdale Room/Runner Café

Members Present:

Veterinarian: Mylon Filkins, DVM

Scientific Concerns: Kenneth Gobalet, David Hinds, Steve Suter

Non-Scientific Concerns: Jane Granskog, Andrew Troupe

Community Issues: Debbie Kroeger

Safety/Hazardous Materials: Barbara Brenner

Members Absent:

Community Issues: Martin Murdock

Visitors:

Jess Deegan and Ginger LaBlanc for Protocol 98-04 (renewal request)
Louanne Grode, Administrative Support Coordinator, Graduate Studies and Research
David Ost, Acting Dean of Graduate Studies and Research
Carol Raupp, Professor of Psychology
Edwin H. Sasaki, Former Secretary, IACUC

1. **Call to Order:** Meeting was called to order by Chair Steve Suter at 12:58 PM.

Because of the changing roles of Ost, Sasaki, and Suter and the addition of Louanne Grode in GS & R, the meeting opened with a round of introductions.

2. **Minutes:**

Ken Gobalet moved, and Mylon Filkins seconded, a motion to approve the minutes for the meeting of 02 June 2000. The motion was passed unanimously, with 7 “yes,” 0 “no,” and 0 “abstentions.”

3. **Old Business:** There was none.

4. **New Business:**

- a. Formal Board closure of expired protocols:

98-05 (Deegan & Craft) Wavelength Dependent Startle Responses in Two Species of Rodents: *Mus musculus* and *Rattus norvegicus* (expired June/2000)

98-06 (Deegan & Motherhead) The Effects of Spectral Sensitivity on Exploratory Behavior in the Rat (expired June/2000)

Jane Granskog moved and Mylon Filkins seconded, a motion to formally close protocols 98-05 and 98-06. The motion was passed unanimously, with 7 “yes,” 0 “no,” and 0 “abstentions.”

b. Discussion of Board procedures on protocol closures

Formal Board closure of protocols has been done retroactively; however there are advantages to acting proactively, giving the Board Secretary authorization to communicate with investigators to facilitate tracking and renewal requests. This procedure has been adopted by the IRB. Pros and cons were considered. The Secretary was instructed to provide a timely "heads up" for investigators having expiring protocols.

Jane Granskog moved and Barbara Brenner seconded, a motion to convert to a proactive model of protocol closures. The motion was passed unanimously, with 7 “yes,” 0 “no,” and 0 “abstentions.”

c. Request for renewal

98-04 (Deegan) Principles of Learning: A Class in the Proper Use of Animals and Behavioral Training

Dr. LaBlanc summarized the student activities covered in this protocol, describing the week by week activities beginning with familiarization of the rat to the chamber and food delivery mechanization, and ending with complex chains of responses. In response to a question, the procedures for food deprivation were explained, including how animals are brought to, and maintained at 85% of their free-feeding body weight and that the animals are healthier and more active under this regimen, as is also supported by empirical research on this issue. A visitor mentioned that one student was upset by the food deprivation procedure and Dr. LaBlanc explained that this appeared to be due to a misunderstanding on the student's part about "starving" rats. In response to a question, Dr. Deegan explained that rats are moved into other protocols after the course is over, or are euthanized if there are no other protocols. There has been no unexplained mortality of rats associated with the course. There was a discussion of oversight of students involved with the rats. Dr. LaBlanc mentioned that teaching assistants are given a practical exam prior to working with the rats and that she is developing a training SOP. There was a preliminary discussion of unmet needs of the inhabitants of the colony, which was deferred until the inspection of the animal facility (see following). There was a consensus that the IACUC application for 98-04 should be updated at the next renewal request to comply with the current IACUC protocol submission guidelines. When there were no additional questions regarding the protocol, the investigators were excused.

Debbie Kroeger moved and Jane Granskog seconded, a motion to renew protocol 98-04 for one year. The motion was passed unanimously, with 7 “yes,” 0 “no,” and 0 “abstentions.”

5. INSPECTION OF ANIMAL FACILITY

IACUC board members and visitors toured the animal facilities in DDH F-100. Only a few rats were in residence. It was agreed that plastic cages would be extremely desirable replacements for the existing suspended steel cages. Dr. Deegan, the facility supervisor, noted that paint chipping on the floor still happens occasionally. There does not seem to be an easy solution for this, short of replacing the concrete. There is a continued need for a greater supply of hot water to enable cleaning of the entire facility, including cages, in a single session. It was not clear that biology students using the facility were logging their visits and it was suggested that they be so instructed. In general, IACUC board members were satisfied that the facility was running smoothly.

6. AREAS OF CONCERN

Board members were interested to learn more about how students who interacted with the rats were being trained. There was a consensus that a formal training protocol be developed, perhaps out of procedures now being used by Dr. LaBlanc. Drs. Deegan, McBride, and Tanabe should participate in development. The Board secretary should coordinate this effort and add this item to the agenda of the next IACUC meeting.

It was noted that the IACUC had been interested for several years in obtaining plastic cages, yet nothing had been accomplished. It was agreed that a direct request should be made to the Provost for plastic cages, attempting to have these in place before the next shipment of rats arrives, which was anticipated to be in December 2000.

A motion to this effect was made by Mylon Filkins and seconded by Jane Granskog. The motion was passed unanimously, with 7 “yes,” 0 “no,” and 0 “abstentions.”

7. NEXT MEETING:

Friday, 19 January, 2001 - Stockdale Room/Runner Café
12:30 p.m. - Lunch
1:00 p.m. - Meeting

8. ADJOURNMENT

There being no further business, Chair Steve Suter adjourned the meeting at 2:50 PM.

Respectfully Submitted,

Steve Suter, Ph.D.
Secretary for the IACUC