

STEVE SUTER / COPY

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

From the desk of Edwin H. Sasaki, Ph.D., Professor of Psychology, Research Ethics Assurance Coordinator, and Secretary for the IACUC; Dorothy Donahoe Hall H-106, 661-664-2075 (Voice), 661-665-6927 (Facsimile), esasaki@csubak.edu

**MINUTES OF MEETING
04 February 2000
Stockdale Room/Runner Café**

Members Present:

- Veterinarian:** Mylon Filkins, DVM
- Safety/Hazardous Materials:** Barbara Brenner
- Scientific Concerns:** David Hinds, Steve Suter
- Non-Scientific Concerns:** Jane Granskog, Andrew Troupe
- Community Issues:** Debbie Kroeger

Members Absent:

- Scientific Concerns:** Kenneth Gobalet
- Community Issues:** Martin Murdock

Visitors:

- Selina Ganipole, Dean of Graduate Studies and Research
- Heidi Lichtenberg, Administrative Assistant, Graduate Studies and Research

1. **Call to Order:** Meeting was called to order by Chairperson Steve Suter at 1:05 PM.
2. **Introductions:** The following individuals were introduced: Ms. Heidi Lichtenberg, new Administrative Assistant for Graduate Studies and Research, and Dr. Andrew Troupe, faculty member from Department of English, who was recently appointed to replace Dr. Bruce Jones.
3. **Minutes:** Mylon Filkins moved, and Barbara Brenner seconded, a motion to approve the minutes for the meeting of 05 February 1999. The minutes for 05 February 1999 were not available for the meeting of 04 June 1999. The motion was passed unanimously, with 6 "yes," 0 "no," and 0 "abstentions."

Mylon Filkins moved, and Barbara Brenner seconded, a second motion to approve the minutes for the meeting of 04 June 1999. The meeting for October 1999 had been cancelled, so the consideration for the 04 June 1999 minutes was postponed. The motion was passed unanimously, with 6 "yes," 0 "no," and 0 "abstentions."

3. **Old Business:** None

4. **Formal Closure of Protocols:** None

5. **New Business:**

- a. Letter from Carol Raupp, dated 04 February 2000, regarding the subject, "Consideration of alterations to Biology Department 'metabolism' protocol," in which she made the following four (4) allegations:
- 1) "animals were being kept in insecure conditions in a biology classroom;"
 - 2) "animals were being fed, e.g., nothing but corn chips as part of an experiment;"
 - 3) "that in one situation a student who was assigned 8 animals for one of these nutrition/metabolism experiments had all 8 of the animals die;" and
 - 4) "that during metabolism measurement procedures the student who reported to me had an animal start bleeding from the nose and mouth."

Dr. Raupp also provided the following statements: "I confirmed #1 by going to the classroom myself—anyone could enter the room and potentially do anything to these animals. It looked as if #2 was true—I observed that the animals had no food in their canisters except nacho chips, mixed in with their bedding and feces. My understanding is that when approached by Steve Suter the biology faculty denied #4, and I have not been able to obtain independent confirmation of #3."

Unfortunately, Ken Gobalet was not present for the meeting. This was due to an accidental oversight in which his materials for the meeting had been sent to Ted Murphy, who was formerly a member of the IACUC. Ken Gobalet had been appointed to replace the vacancy resulting from Ted Murphy's retirement from the faculty.

Ed Sasaki indicated that he had talked with Ken Gobalet about these issues previously when Carol Raupp had raised them. At that time, Carol had approached Steve Suter about these issues, and Steve Suter forwarded them to me since I was the Research Ethics Assurance Coordinator for the University. Dr. Gobalet indicated that there was one student project in which a group of laboratory rats had been fed corn chips to test if there would be any difference in metabolic rates between rats fed "standard vegetable oil" corn chips versus those fed "oelestra" corn chips. Dr. Gobalet also indicated that he was unaware of any laboratory animals which had died or which were bleeding from the nose and/or mouth. At Ed Sasaki's request, Dr. Gobalet had prepared a formal memorandum to the IACUC providing additional details regarding the student projects using the metabolic measurement procedure in Protocol 99-01, "Calculation of metabolic rate of rats in four Biology courses," which had been previously approved by the IACUC. This memorandum was the major agenda item under "New Business."

After considerable discussion, the IACUC indicated that the appropriate action should be that Ed Sasaki formally respond to Carol Raupp's letter as follows:

- Acknowledge receipt of her letter;
- Indicate that the IACUC had discussed her allegations;

- Indicate that the IACUC has received no substantiation of the details she has specified in her letter; and
- Indicate that the IACUC has a formal written procedure for necropsy of any animals that have died of unexplained causes to be performed by a licensed DVM, who is a member of the IACUC.

Further, the IACUC recommended that Steve Suter and Ed Sasaki meet with Ken Gobalet to review the allegations made by Carol Raupp in her letter and that a full report be made to the IACUC at the next meeting in June 2000. Finally, the IACUC recommended that "Inquiries and Expressions of Concern" be made a standard agenda item for every meeting.

At 1:30, the IACUC closed further discussion of "New Business" to visit the Animal Facility for its semi-annual inspection. Upon completion of its inspection of the Animal Facility, the IACUC resumed discussion of the final agenda item.

- b. Protocol 99-01, "Calculation of metabolic rate of rats in four Biology courses." As a follow-up to its discussion of Carol Raupp's letter, the IACUC recommended that Ken Gobalet be requested to submit a revised protocol that would provide sufficient details about the potential student projects using the "rat-in-the-can" procedure:
- 1) Specifically the manipulation of the most likely variables, such as:
 - diet
 - light-dark cycles
 - time of testing
 - temperature
 - humidity
 - illumination
 - noise
 - amount of exercise
 - social interaction
 - 2) Procedures used by the faculty to review and approve student projects to ensure safety and welfare of the animals.
 - 3) Feedback to IACUC about the projects using the metabolic measurement procedure.

The "bottom-line" is that there should be sufficient "disclosure" of details so that the IACUC is NOT NAÏVE about the protocol.

7. **Inspection of the Animal Facility:** Jess Deegan, Director of the Animal Facility, showed the members of the IACUC the new floor covering for the Facility and stated that the water leak problem and low water temperature problem have been fixed. On the other hand, Dr. Deegan indicated that he is still having problems with low quantity/volume of water—insufficient water supply to wash down the entire room. Currently, only half of the room can be washed down, and then he/student assistants must wait for the water to heat up to finish the remaining half of the room. Dr. Deegan

reported that he is still working with Facilities Management to “cure” this problem of low quantity/volume of water.

Ginger LeBlanc, instructor for Psychology 301, Principles of Learning, explained for the IACUC one of the laboratory activities she was using for her students—Mary Courtney and Victor Guiterra were present. Ms. LeBlanc described the schedules of reinforcement (continuous versus intermittent) and their effect on extinction rates. She reported that all animals are at 85% of free-feeding weight during the laboratory activity; the animals are fed “ad-lib” when not being used for a laboratory activity. In response to a question from a member of the IACUC, Ms. LeBlanc indicated that an animal is placed in the operant chamber for 30-40 minutes for any given laboratory activity.

In response to another question from a member of the IACUC, Dr. Deegan responded that there have been no unexplained mortality in the Animal Facility. The only deaths have been those euthanized in accord with an approved protocol.

Mylon Filkins pointed out to the other members of the IACUC the daily log being used in the Animal Facility, and he commended Dr. Deegan and his staff for maintaining the log and keeping the records for daily care up to date. Dr. Filkins stated that the log was well-documented with the initials of every student and student assistant having access to the Facility. He also commended Dr. Deegan for the good care of the entire Facility.

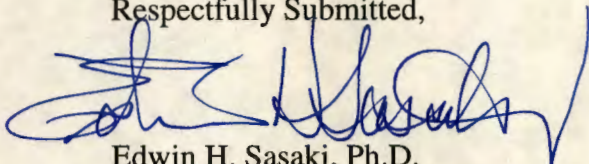
Once again, several members commented on the “lack of odor from urine/feces” in the Animal Facility. Dr. Filkins concurred and indicated that the ventilation system was designed and being maintained appropriately and was clearly “doing its job.” He also pointed out that all of the animals in the facility appeared to be exhibiting “normal behavior,” which shows that their care is appropriate.

At the completion of the inspection of the Animal Facility, the members of the IACUC returned to continue with “New Business.”

6. **Next Meeting:** Friday, 02 June 2000

7. **Adjournment:** There being no further business, Chairperson Suter adjourned the meeting at 3:05 PM.

Respectfully Submitted,



Edwin H. Sasaki, Ph.D.
Secretary for the IACUC