

**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 June 1999
Stockdale Room/Runner Café**

Members Present:

Veterinarian: Mylon Filkins, DVM
Safety/Hazardous Materials: Barbara Brenner
Scientific Concerns: David Hinds, Ted Murphy, Steve Suter
Non-Scientific Concerns: Jane Granskog
Community Issues: Martin Murdock

Members Absent:

Non-Scientific Concerns: Bruce Jones
Community Issues: Debbie Kroeger

Visitors:

Selina Ganipole, Dean of Graduate Studies and Research
Jess Deegan, Associate Professor of Psychology, for Protocols 98-04, 98-05, and 98-06 (all extensions)

1. **Call to Order:** Meeting was called to order by Chairperson Steve Suter at 1:05 PM.
2. **Minutes:** Minutes for the meeting of 05 February 1999 were not available; Chairperson Steve Suter indicated that its approval would be deferred until the next meeting in October 1999.
3. **Semi-annual Evaluation:** Ed Sasaki directed the IACUC to the "Semi-annual Evaluation of Animal Care and Use Program and Inspection of Facilities" that was submitted to the Provost and Vice President for Academic Affairs per requirements. There were no questions.
4. **Formal Closure of Protocols:** Jane Granskog moved, and Martin Murdock seconded, a motion for the formal closure of Protocols 98-01, 98-02, and 98-03, which had been approved one year ago.

5. **Protocol 99-01, *Calculation of metabolic rate of rats in four Biology courses***, submitted by Drs. Ken Gobalet, David Hinds, Todd McBride, Ted Murphy, and David Germano. David Hinds and Ted Murphy provided an overview of the protocol. The following issues were raised:
- The protocol should specify that the housing for the rats will be in the Animal Facility in Dorothy Donahoe Hall; the Science Stockroom is to be used only for "holding purposes" immediately before and after the laboratory scheduled to use the rats.
 - The protocol should specify that euthanasia will be used only if required and that barbiturate injection will be the only method used. The faculty member in charge of the laboratory shall be the responsible person for the implementation of euthanasia, although Dr. Alvin Tanabe, Science Stockroom supervisor, may actually carry out the procedure.
 - The protocol should clearly specify the procedure for burying any carcasses for natural decomposition so that the intact skeletons can be recovered at a later date for educational purposes.
 - The protocol should clearly specify that the appropriate disposal of dead animals shall be the county landfill, unless there are further educational procedures for the rat carcasses.
 - The protocol should clearly indicate that the rats do not experience any oxygen deprivation during the testing for metabolic rate.

David Hinds and Ted Murphy, as interested faculty associated with Protocol 99-01, left the room as the IACUC convened into an Executive Session. Jane Granskog moved, and Martin Murdock seconded, a motion that Protocol 99-01 be given conditional approval, with the conditions being the five issues listed above. There was no further discussion of the motion. The motion passed unanimously, with 5 "yes," 0 "no," and 0 "abstentions" (Note: David Hinds and Ted Murphy were not present for the vote).

Note: Jane Granskog had to leave the meeting at 1:45 PM.

6. **Requests for Extension with Jess Deegan, Associate Professor of Psychology.**
- a. **Protocol 98-04, *Principles of Learning*.** Dr. Deegan indicated that the protocol for the use of rats in Psychology 301, Principles of Learning, would not change from the one initially approved by the IACUC. The only change is that Dr. Ginger LeBlanc would be the instructor. Dr. Deegan referred the IACUC to Dr. LeBlanc's vita that was attached to the request for extension and briefly reviewed her qualifications.
 - b. **Protocol 98-05, *Wavelength dependent defensive behaviors in *Mus musculus**.** Dr. Deegan indicated that the protocol for this research would not change from the one initially approved by the IACUC. The only

change is that he (Jess Deegan) will take over as the principal investigator, since Jeff Craft has completed his senior thesis and will be leaving for graduate school in September 1999.

- c. **Protocol 98-06, Wavelength dependent exploratory behaviors in *Mus musculus*.** Dr. Deegan indicated that the protocol for this research would not change from the one initially approved by the IACUC. The only change is that he (Jess Deegan) will take over as the principal investigator, since Jamison Motherhead had changed graduate degree programs and was no affiliated with the Animal Facility and, therefore, no longer pursuing the research.

Jess Deegan was excused when the IACUC convened into Executive Session. Ted Murphy moved, and Martin Murdock seconded, a motion for approval of the requests for extension of Protocols 98-04, 98-05, and 98-06. There was no further discussion of the motion. The motion was passed unanimously, with 6 "yes," 0 "no," and 0 "abstentions."

7. **Update on the Animal Facility:** When Jess Deegan returned, he was asked about the Animal Facility, and he reported the following:
- The current population in the Facility was 19 rats.
 - Ventilation of the Facility was probably the "best on campus," in terms of airflow, temperature control, and humidity control.
 - He is considering the use of plastic cages, similar to those used by Todd McBride in Biology.
 - He is also considering the purchase of new high-absorption bedding, which is more effective in controlling odors and, at the same time, requires less frequent changing.
 - There was some chipping of the paint on the floor, so that painting will be required to maintain the integrity of the surface.
- The IACUC thanked Dr. Deegan for the "update" on the status of the Animal Facility.

8. **Request for Extension of Protocol 98-07, The role of stretch activated ion channels in the long term adaptation of striated muscle to active muscle lengthening,** by Todd McBride, Associate Professor of Biology. Dr. McBride was unable to attend the IACUC meeting due to his attendance of the annual meeting for the American College of Sports Medicine. In his written request, Dr. McBride indicated that the protocol for this research would not change from the one initially approved by the IACUC. The only change was the inclusion of Ms. Misty Hendricks as a student research assistant; Ms. Hendricks had received an award under the Student Research Scholars program for 1999-2000. This protocol had been initially approved by the IACUC at its meeting on 09 October 1999. Mylon Filkins moved, and Martin Murdock seconded, a motion for

approval of the request for extension of Protocol 98-07. There was no further discussion of the motion. The motion was passed unanimously, with 6 "yes," 0 "no," and 0 "abstentions."

9. **Other Issues:**

a. Possible IACUC oversight of the procuring of animals for research or teaching purposes. Chairperson Steve Suter reviewed for the IACUC the circumstances leading to this issue being discussed by the IACUC. These circumstances included the possible use of "road kill" and specimens from local butcher shops. After some discussion, there was consensus that the IACUC should adopt the general position of NOT developing specific policy to cover every imaginable situation, but rather deal with the issues on a case-by-case basis. In addition, all appropriate faculty should be informed that the IACUC is the official agency to which all inquiries about the use of animals, dead or alive, in research and education should be directed.

b. Discussion/Approval of revised and pending forms and procedures. Chairperson Steve Suter referred the IACUC to the revised copies of the following forms:

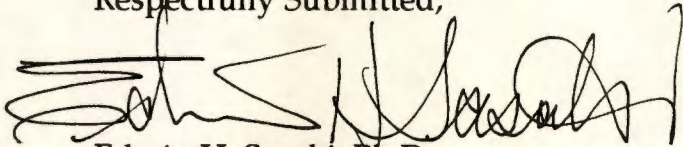
- Protocol Submission Instructions
- Protocol Cover Page
- IACUC Protocol Outline
- Protocol Review Form

Martin Murdock moved, and Mylon Filkins seconded, a motion for approval of the above four forms. There was no further discussion of the motion. The motion was passed unanimously, with 6 "yes," 0 "no," and 0 "abstentions."

10. **Next Meeting:** The next scheduled meeting for the IACUC will be Friday, 01 October 1999.

11. **Adjournment:** There being no further business, Chairperson Suter adjourned the meeting at 3:20 PM.

Respectfully Submitted,



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