

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

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*MINUTES OF MEETING*

*Friday 11 June 2014*

*DDH A-108*

**Members Present:**

**Scientific Concerns:** Todd McBride, Steve Suter, David Germano

**Non-Scientific Concerns:** Andrew Troup

**Community Issues:** Debby Kroeger, Larry Saslaw

**Safety and Risk Management:** Tim Ridley

**Consulting Veterinarian:** Mylon Filkins

**Members Absent:** Steve Gamboa

**Visitors:** [none]

Meeting was called to order by Chair Steve Suter at 1:00 PM.

**I. ANNOUNCEMENTS:**

- A.** Founding IACUC member, Debby Kroeger, was thanked for her 17 years of dedicated service. She was appreciated for her behind-the-scenes contributions to special projects and for bringing her wonderment about the animal kingdom to the IACUC in service of instructors, researchers, and the animals themselves. She urged the IACUC to carry forward her tradition of diligent proof-reading of IACUC documents so they will be in good shape when they are presented to the public.
- B.** The appointment of the new AVP for GRaSP, Dr. Imeh Ebong, was noted.
- C.** The Chair noted that the IACUC will need a new Chair, who should be trained over AY 2014-2015. Chairing the IACUC does not involve a great deal of work. It appears that Isabel Sumaya will become the new RERC upon the departure of the present RERC at the end of AY 2014-2015.

**II. PREVIOUS MINUTES:**

Germano moved and Troup seconded a motion to approve the minutes for the IACUC meeting of 24 January 2014, with the correction of Ridley's name. The motion was approved 8-0.

**III. OLD BUSINESS:**

**A. Revised Occupational Health and Safety Plan**

The Chair summarized. Health and safety of persons working with animals in specific protocols will continue to be handled by the PI's of those protocols. This is affirmed by: [a] a statement on the cover page of each protocol, [b] sections in each IACUC protocol addressing identification and management of health and safety concerns, and [c] evaluation of these

concerns in the IACUC protocol review form. General health and safety education will be accomplished via added sections on health and safety in Module I, Humane Care and Use of Animal Subjects [HCUAS]. Persons at elevated risk will be identified via a screener in Module I and advised to seek additional information – which could include physician advice -- to decide whether to work with animals. These persons will: [a] self-identify to responsible faculty, [b] complete the waiver of liability form and turn this over to responsible faculty, and [c] indicate on their HCUAS quiz that they have checked at least one risk category. Frequency of risk reporting will be monitored and included in the semi-annual reports to the Provost.

There was a motion to accept and implement the proposed OHSP. Kroeger moved, Filkins seconded, 8-0.

#### **IV. NEW BUSINESS:**

##### **A. Protocol Closures**

**Protocol 13-01** “Prey Selection of the Endangered Blunt-Nosed Leopard Lizard, *Gambelia sila*, in the San Joaquin Valley, Ca” [Donna Noce & David Germano, Biology]

##### **B. Protocol Renewals**

No adverse events reported. Modifications were proposed for 04-01, 05-01, and 07-05.

**Protocol 98-07** "The Role of Stretch Activated Ion Channels in the Long Term Adaptation of Striated Muscle to Active Muscle Lengthening" [Todd McBride, Biology]

**Protocol 01-01** "Use of Bullfrogs for Nerve Recordings in Lab Courses" [Todd McBride, Biology]

**Protocol 01-04** “Measurement of Rat Metabolism” [Todd McBride, Biology]

No animals have been used since June 2013. The course involving Protocol 01-04 will be taught next academic year. Germano moved, Ridley seconded, 7-0-1

**Protocol 03-02** “Biological Psychology Laboratory (303L)” [Isabel Sumaya, Psychology]

**Protocol 04-01** "Circadian Effects of Melatonin on Extrapyramidal Side Effects in Rats Treated with Typical and Atypical Antipsychotics" [Isabel Sumaya, Psychology]

**Protocol 04-02** "The Effects of Caloric Restriction in an Animal Model of Depression in Rats" [Isabel Sumaya, Psychology]

**Protocol 07-05** “The Effects of Cage Size and Environmental Enrichment on Rats” [Isabel Sumaya, Psychology]

Modifications are in personnel only. Germano moved, Kroeger seconded, 7-0-1

**Protocol 05-01** “Longitudinal Naturalistic Observation of a Trap-Neuter-Release (TNR) feral cat colony” [Carol Raupp, Psychology]

Observations at an off-campus colony were added. It was noted that the feral cat population on campus has diminished. It is not known whether Dr. Raupp plans to disseminate results. Filkins moved, Troup seconded, 8-0.

### **C. Review of New Protocols [none]**

### **D. Semiannual Program Review Checklist**

With the approval of the OHSP for working with animals, this deficiency in the checklist has been corrected. Filkins noted that section 9, dealing with training, also appeared to be good and could be added to the “acceptable” column. Members agreed. There was discussion of which sections of the checklist the IACUC should implement. It was agreed that everything marked “must” needs to be addressed. Others may continue to be added progressively across time.

### **V. AREAS OF CONCERN**

The Chair noted that CSUB has no Animal Welfare Assurance with the federal government because this requires having federally-funded animal use and CSUB has had none since the IACUC was created in 1998. McBride noted that this creates potential problems in grant funding. Chair was asked to investigate situation in other CSU's.

### **VI. MEETING DATES FOR AY 2013-2014**

Fall 2014: Friday, 03 October 2014  
Winter 2015: Friday, 23 January 2015  
Spring 2015: Friday, 08 April 2015  
Summer 2015: Wednesday, 10 June 2015

### **VII. ADJOURNMENT**

There being no further business, the meeting was adjourned at 1:55. Kroeger moved, Ridley seconded, 7-0.

Inspection of the Animal Facility followed.

### **ANIMAL FACILITY INSPECTION [Wednesday, 11 June 2014]**

The log was complete and up to date, as was the call-out list. The box containing emergency supplies was in place. There were 19 rats in residence, down from 56 two years ago. Females will be coming in soon for the female study of enrichment, of interest because there is a lower rate of neurogenesis in the female rat brain. They can be housed 7-8 per cage, being smaller than males. They are still getting an effect of enriched environment on memory, but the dietary effect seems to be going away with age. Colony maximum was about 160 years ago, using small cages. The ceiling tiles have been repaired and replaced and an exit sign has been erected inside the door into the H hallway, both of which were deficits noted in the previous inspection. Ridley may be able to procure a better exit sign. A ceramic wall tile in the colony room needs to be replaced or fixed. Sumaya thanked Kroeger for her many contributions to the IACUC and Animal Facility over the years.

Respectfully Submitted, **Steve Suter, Professor of Psychology, Secretary for the IACUC**