

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*  
*Wednesday 13 June 2012*  
*DDH A-108*

**Members Present:**

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

**Non-Scientific Concerns:** Andrew Troup, Stephen Gamboa

**Community Issues:** Debby Kroeger

**Safety and Risk Management:** Juli Smith

**Veterinarian:** Mylon Filkins

**Members Absent:**

Eugene Couture

**Visitors:** [none]

Meeting was called to order by Chair Steve Suter at 12:54 PM.

**I. ANNOUNCEMENTS:**

- A.** Sharon Haynes, the IACUC logistical support person in GRaSP is leaving for a position in Facilities Management. She happily moves from a temporary to a permanent position.

**II. PREVIOUS MINUTES:**

Filkins needs to be added to those present at the most recent facilities inspection. Filkins moved, and McBride seconded, a motion to approve the minutes for the IACUC meeting of 07 October 2011 and the Animal Facility inspection report. The motion was approved 8-0.

**III. OLD BUSINESS:** [none]

**IV. NEW BUSINESS:**

**A. Protocol Closures**

**Protocol 10-02** "Parental Care of San Joaquin Kit Fox: Relative Roles of Parents and Helpers" [Tory Westall & David Germano, Biology]. Work has been completed and renewal is not requested. Motion to close: Germano moved, Filkins seconded, 8-0.

**B. Protocol Renewals**

No modifications were requested and no adverse events were reported in the following.

**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]

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

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

**Protocol 11-01** "Population Genetics of the Endangered Giant Kangaroo Rat, *Dipodomys ingens*" [Nicole Blackhawk & David Germano, Biology]

There was discussion of the implications of IACUC authorization of Protocol 05-01, which involves the feral cats on campus. There was concern that this might constitute an endorsement of activities associated with maintaining the feral cats, or the colony itself. However, the authorization letter for Protocol 05-01 specifically states that the IACUC authorization is strictly for conducting the observational research and is not an endorsement of the existence of the feral cat colony on campus.

There was a motion to renew the authorization for the above 9 protocols. Smith moved, Filkins seconded, 8-0.

### **C. Semiannual Program Review Checklist**

A checklist supplied by the Public Health Service was presented. This is a new [January 2012] list of all of the items that are supposed to be reviewed semiannually for the IACUC program, including the Animal Facility. This was prompted by the 2011 revision of the *Guide for the Care and Use of Animal Subjects*. The Chair suggested that IACUC implement those items marked "must" at this time and deal with the others in later inspections. We would use the entire checklist and simply mark as "not applicable" those items that don't apply, such as aquatic animals and tissue imaging research.

Filkins indicated that, based on his review of the veterinary medicine related items, we were in good shape on all of those, with the possible exception of drug storage. We will need to update the emergency plan for the Animals Facility and the health and safety plan for the humans involved with the animals.

There was a discussion that this might be "wheel-spinning" given that CSUB does not have an Animal Welfare Assurance number. An institution cannot apply until it has federally funded animal research and CSUB has not, since the IACUC was formed in 1998. The Chair indicated that he believed that all the other elements of the IACUC program were in compliance, including the Animal Colony, so it would be wise to respond to this requirement

as if we were under federal review. This would make the eventual application process less painful.

Parentetically to the checklist discussion, Smith noted that a planned power outage was coming up and that the drug license with DEA was due to expire. Also, IACUC should keep better track of which drugs are covered in which protocols. There was a consensus that a line be added to the basic IACUC protocol and the renewal request form for “chemicals to be used”. Sumaya is on the power outage and the DEA license should be renewed for drugs needed for euthanasia and other possible research applications in the future.

There was a motion that the checklist be adopted, the completed checklist be distributed to the IACUC members for their approval, and the emergency and health and safety plans be revised in accordance with the standards in the new *Guide*. Germano moved, Kroeger seconded, 8-0.

#### **V. AREAS OF CONCERN: [none]**

#### **VI. MEETING DATES FOR AY 2012-2013**

Fall 2012: October 5<sup>th</sup>, 2012  
Winter 2013: January 25<sup>th</sup>, 2013\*  
Spring 2013: April 19<sup>th</sup>, 2013  
Summer 2013: June 12<sup>th</sup>, 2013

\*corrected

#### **VII. ADJOURNMENT:**

There being no further business, the meeting was adjourned at 1:40. McBride moved, Germano seconded, 8-0.

#### **ANIMAL FACILITY INSPECTION**

Only a few rats were present, but an additional 30 will be arriving soon for summer research. They will be housed in the enrichment cages as will all rats in the future unless the experimental protocol requires otherwise. Smith noted that a supply of dust masks should be available. Filkins advised it would be a good idea to keep 4 years of facility worksheet records. Several years were present and these were up to date as was the call-out list. Drugs were locked up, but Filkins noted that they should be examined and those not needed or expired should be disposed of. Those could be handed over to Mylon. There is some ceiling tile replacement and painting needed in the animal cleaning and data collection room, which will be supported by the IACUC. The IACUC Chair will explore the billing on that.

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