

**Attachment A**

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 01 October 2010*

*DDH B-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:**

**Community Issues:** Eugene Couture

**Visitors:**

Tory Westall for Protocol 10-02

Meeting was called to order by Chair Steve Suter at 1:21 PM following the Animal Facility inspection.

**I. ANNOUNCEMENTS:**

- A.** The Chair noted that the IRB has moved to electronic submission and review of protocols, with meeting materials distributed to board members electronically. Would the IACUC wish to follow suit? There was discussion.

Smith moved and Filkins seconded a motion to adopt electronic procedures, with the proviso that a print copy of each protocol be kept in the GRaSP Office. The motion was approved 7-0.

- B.** The Animal Facility Director, Isabel Sumaya, has requested that formal IACUC inspections be carried out in January and June of each year only. In discussion, it was noted that IACUC members could visit the Animal Facility at other times on an informal basis, as could the Safety and Risk Management Officer in carrying out her responsibilities of that office.

McBride moved and Kroeger seconded a motion stating that IACUC formal inspections of the Animal Facility be held in January and June.

As we awaited the scheduled time for review of Protocol 10-01, it was noted that the food from the Basque booth at the fair is really good, Andy has whooping cough, free combo whooping cough/tetanus shots are scheduled on campus in the near future, and Mylon worries that his client may not be able to make it to Guatemala hauling two enormous head of brown Swiss cattle in his rickety trailer.

## II. PREVIOUS MINUTES:

Filkins moved, and Germano seconded, a motion to approve the minutes for the IACUC meeting of 09 June 2010. The motion was approved 7-0.

## III. OLD BUSINESS: [none]

## IV. NEW BUSINESS:

### A. Review of New Protocols:

**Protocol 10-02** "Parental Care of San Joaquin Kit Fox: Relative Roles of Parents and Helpers" [Tory Westall & David Germano, Biology].

The PI summarized. She will study social interactions among kit foxes, with a focus on parenting, in particular attempting to clarify the relative roles of biological parents and adult kit fox helpers. Animals will be trapped in December and January, monitored from January to May or June, and then re-trapped to download data from onboard data storage media. Telemetry will also enable inferences about which foxes are where over time, including which foxes are associating with one another. Questions followed.

**Q:** How will you pick "parents" to trap in advance of breeding? **A:** Records from previous years are used. Dr. Cypher has extensive records of kit fox behavior in the Bakersfield area. The PI is collecting these data as part of a funded project that Dr. Cypher already has underway. He has the necessary federal and state permits. **C:** The info about the permits should be provided in writing to the IACUC.

**Q:** Will kit foxes only be studied on the CSUB campus? **A:** No. There is probably only one pair on campus, so foxes from all over the Bakersfield area will be studied.

**Q:** Will somebody be notified when you set out on an observation trip? **A:** Someone at the local office of the Endangered Species Recovery Program will always know. She interacts with these personnel daily.

**Q:** Will this lead to scholarly products? **A:** There will be a formal thesis presentation, hopefully a presentation at a professional meeting, and a scholarly publication.

When there were no further questions, the PI and faculty mentor were asked to leave and the IACUC deliberated in executive session. There was a motion to conditionally approve Protocol 10-01 [Filkins moved, Troup seconded, 6-0, Germano not voting]. The conditions were:

1. Provide a statement to the IACUC that the activities proposed will be carried out under proper federal and state permits.
2. Provide a statement from Dr. Cypher, describing the acceptable health and safety procedures to be used in handling kit foxes and affirm that the PI will follow these procedures.
3. The PI must pass the exam associated with Module I of the Humane Care and Use of Animal Subjects online tutorials.

The PI and faculty mentor returned and were informed of the above actions by the IACUC.

In response to condition #1, PI indicated that permits and an MOU were in place already and would be provided to IACUC. In response to condition #2, PI indicated she has already been informed of the need to received rabies vaccine and is in the process of scheduling for one.

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

**VI. MEETING DATES FOR AY 2010-2011:**

Friday, 01 October 2010  
Friday, 28 January 2011  
Friday, 22 April 2011  
Wednesday, 08 June 2011

**VII. ADJOURNMENT:**

There being no further business, the meeting was adjourned at 2:24 PM. [Filkins moved, Germano seconded, 7-0]

***INSPECTION OF THE ANIMAL FACILITY***

The activity log was current and in good shape. The emergency call-out list needed to be updated to include Juli Smith's mobile phone number. There are about 40 rats in the colony, with natural deaths happening due to aging. The survival record for the facility is 3 years, with rats averaging 2 – 2.5 years. Tumors are common in the aged rats. Dead rats are sent to FACT if judged appropriate. Rats previously on the high fat diets appear to have less longevity. Rats housed under environmental stimulation seem to live longer. Some of the rats will be recycled for use in the open field tests for the Biological Psychology student lab assignments. McBride will soon be ready to purchase mice and house them in the Animal Facility. He and his students will care for them. The recent planned electrical shutdown went smoothly using the electric lanterns for illumination and the roof generator to power the air conditioning.

The facility was consistent with the PHS Policy, the Guide, and applicable Animal Welfare Regulations.

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