

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

MINUTES OF MEETING

26 April 2002

Old Pub/Runner Café

Members Present:

Scientific Concerns: David Germano, Todd McBride, Steve Suter

Non-Scientific Concerns: Andrew Troup, Jane Granskog

Safety/Hazardous Materials: Barbara Brenner

Community Issues: Debby Kroeger

Members Absent:

Mylon Filkins, Martin Murdock

Visitors:

Jess Deegan for Review of Protocol 02-01

Carol Raupp, Professor of Psychology

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

ANNOUNCEMENTS: [none]

PREVIOUS MINUTES:

Granskog moved and Germano seconded, a motion to approve the minutes for the IACUC meeting of 28 September 2001. The motion was approved unanimously, with 5 “aye,” 0 “nay,” and 0 “abstentions.”

OLD BUSINESS:

The Bi-Annual report of the IACUC to the Academic Provost was included in the meeting packet.

BI-ANNUAL INSPECTION OF ANIMAL FACILITY:

The members of the IACUC walked to DDH and inspected the Animal Facility in H-100. Ruth Bowen, the student assistant helping Ginger LeBlanc was present. The new floor surface appeared to be holding up well. Inadequate hot water continued to necessitate cleaning cages in a staggered arrangement. Todd McBride indicated that access to animals in the (back) colony room was a continuing problem because of extensive data collection in the front room that cannot be disturbed.

NEW BUSINESS:

Formal Closures: [none]

Request for Renewals: [none]

Protocol Reviews:

New Protocol 02-01 (Jess Deegan) "UV Photoreceptors in the Rat: Connections to Circadian Clocks"

Dr. Deegan provided a brief summary. This is a continuation of his dissertation research on exploring the function of ultraviolet (UV) sensitivity in rodents. Rats will live in an operant chamber under alternating 12-hour periods of darkness and a particular wavelength of light which will vary and include UV. Lever pressing rates will be used to index activity level and track circadian cycling. Will circadian activity cycling be driven by UV stimulation? A dialog followed:

Q: Will the procedures "freak out" the rats in any way? **A:** Living in the operant chambers would be the only thing that might be a concern, but these are actually much larger than the old, suspended metal cages that were previously used for housing. Shavings underneath the operant chamber floor will be changed daily.

Q: Will the rats be monitored visually? **A:** Yes, several times per day.

Q: Will any "leftover" rats be used from other protocols. **A:** Probably leftover Psyc 301 rats; possibly rats from Todd's protocol depending upon the procedures that have been done.

Q: What would positive results mean? **A:** That would indicate that the information about wavelength is reaching the hypothalamic region involved in regulating circadian cycling.

Q: Do other species have UV sensitivity? **A:** Other rodent species (were listed).

Q: Could UV sensitivity be an evolutionary by-product? **A:** Could be.

Q: What is the purpose of the reference appended to the end? **A:** That would be an error.

When there were no additional questions, the investigator and visitor were excused.

Granskog moved and Kroeger seconded, a motion to **approve Protocol 02-01** for one year. The motion was passed with 5 "yes," 0 "no," and no "abstention."

The members of the IACUC are interested in obtaining feedback about the outcome of the study. The RERC will include this statement in the approval letter.

IACUC-Related Training:

The RERC noted that training is federally mandated for those involved in the use of animals and distributed a summary of information that he had obtained online. Something more elaborate than the procedures developed for students by Dr. LeBlanc is needed. In response to comments included in the CSU audit report, Dr. Chavez has indicated that an appropriate training procedure will be in place by September 2002. Members indicated that we should:

- (1.) discover what other institutions do
- (2.) search for online training materials
- (3.) discover what is really mandated.

It was also agreed that:

- (1.) CSUB IACUC Policy/Procedures should be revised to reflect training changes and any other changes.
- (2.) A brief version of the document should be drafted for possible inclusion in the CSUB Handbook.
- (3.) The (long-awaited) IACUC Handbook should be completed with current documents for: (a) CSUB IACUC Policy/Procedures, (b) Protocol submission instructions and materials, (c) the Protocol Review Form, (d) The Emergency SOP, (e) relevant section(s) of the Occupational Health and Safety Plan, and (f) relevant section(s) of the Medical Waste Management Plan.

Suter and Kroeger will work on this.

AREAS OF CONCERN:

Members of the IACUC expressed their appreciation of the constructive input provided by Carol Raupp on a regular basis.

Members of the IACUC praised the work of Barbara Brenner with the committee and were sad to see her leave the CSUB community. There was concern that the new Health and Safety Officer understand before hiring that he/she serves on this committee.

NEXT MEETING:

Friday, 14 June 2002 - "Old Pub"

12:30 p.m. - Lunch

1:00 p.m. - Meeting

ADJOURNMENT:

There being no further business, the meeting was adjourned at 3:00 PM. (Brenner moved, Germano seconded, approval unanimously).

Respectfully Submitted,

Steve Suter
Professor of Psychology
Secretary for the IACUC