

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

MINUTES OF FALL II MEETING, Friday, 15 November 2019

Members Present:

Scientific Concerns: Matt Leon, Chair
Scientific Concerns: Amy Gancarz-Kausch
Scientific Concerns: Amber Stokes
Scientific Concerns: Isabel Sumaya (RERC, IACUC Secretary, Alternate)

Non-Scientific Concerns: Andrew Troup
Non-Scientific Concerns: Tim Ridley (Safety and Risk Management)

Community Issues: Hector Gonzalez (Consulting Veterinarian)
Community Issues: Laramie Lyda-Craft

Absent: Community Issues: Larry Saslaw

CALL TO ORDER. The meeting was called to order at 1:04 pm. by Chair Leon.

ANNOUNCEMENTS. There were no announcements.

APPROVAL OF MINUTES. The Spring II, May 15th 2019, minutes were approved as it. Gancarz-Kausch moved and Stokes seconded (7-0).

OLD BUSINESS. None

NEW BUSINESS. RERC presented the Semi-Annual Program Review Checklist for approval. Gancarz-Kausch moved and Stokes seconded to approve it (7-0).

Board affirmation of Closures, Modifications and Renewals since the Spring II May15th meeting.

Protocol Closures [1]

Protocol 18-01, Noel/Germano/Biology (September 2019). Winter Roosting Ecology of Western Red Bats (*Lasiurus blossevillii*) Along the Kern River Corridor. Gancarz-Kausch moved and Stokes seconded to affirm the closure (7-0).

Renewals [7]

- (1) Protocol 04-01: Isabel Sumaya/Psychology (Expiration: June 2020).** Circadian Effects of Melatonin on Extrapyrmidal Side Effects in Rats Treated with Typical and Atypical Antipsychotics.
- (2) Protocol 04-02: Isabel Sumaya/Psychology (Expiration: June 2020).** The Effects of Caloric Restriction in an Animal Model of Depression in Rats.

- (3) **Protocol 05-01: Carol Raupp/Psychology (Expiration: June 2020).** Longitudinal Naturalistic Observation of a Trap-Neuter-Release (TNR) Feral Cat Colony.
- (4) **Protocol 07-05: Isabel Sumaya/Psychology (Expiration: June 2020).** Effects of Cage Size and Environmental Enrichment on Rats.
- (5) **Protocol 14-01: Amber Stokes/Biology (Expiration November 2020).** Tetrodotoxin (TTX) in Terrestrial Systems: The Biogeographical Distribution, Ecology, and Physiology of TTX-Bearing Organisms.
- (6) **Protocol 15-04: Gancarz-Kausch/Psychology (September 2020).** Behavioral Mechanisms Underlying Susceptibility to Cocaine Addiction.
- (7) **Protocol 16-01: Gancarz-Kausch/Psychology (September 2020).** Plasticity of Addictive Behaviors.

Ridley moved to affirm the renewals and Troup seconded (7-0).

Modifications [5]:

- (1) **Protocol 04-01: Isabel Sumaya/Psychology.** Circadian Effects of Melatonin on Extrapyrmidal Side Effects in Rats Treated with Typical and Atypical Antipsychotics. The modification approved was to add research assistants.
- (2) **Protocol 04-02: Isabel Sumaya/Psychology.** The Effects of Caloric Restriction in an Animal Model of Depression in Rats. The modification approved was to add research assistants.
- (3) **Protocol 07-05: Isabel Sumaya/Psychology.** Effects of Cage Size and Environmental Enrichment on Rats. The modification approved was to add research assistants.
- (4) **Protocol 14-01: Amber Stokes/Biology.** Tetrodotoxin (TTX) in Terrestrial Systems: The Biogeographical Distribution, Ecology, and Physiology of TTX-Bearing Organisms. The modification approved was to add research assistants.
- (5) **Protocol 15-04: Gancarz-Kausch/Psychology.** Behavioral Mechanisms Underlying Susceptibility to Cocaine Addiction. The modification approved was to add research assistants.
- (5) **Protocol 16-01: Gancarz-Kausch/Psychology.** Plasticity of Addictive Behaviors. The modification approved was to add research assistants.

Troup moved to affirm the renewals and Lyda-Craft seconded (7-0).

ADJOURNMENT. After all business was conducted, Chair Leon adjourned the meeting at 1:14 pm.

BI-ANNUAL INSPECTION OF ANIMAL FACILITIES: Post meeting, the inspection of the Rat Colony and Newt Colony took place. Notes from the inspection are below.

Animal Colony DDH H-100 [Isabel Sumaya]

Everything on the log was up to date showing no irregularities. A check of food and bedding and its storage was found to be appropriately kept. The Emergency Call Out List was also reviewed, and found to be in the appropriate location, on the colony door. In residence were a total of 152 Sprague-Dawley rats (Protocol 04-01, n=45 males; Protocol 04-02, n=82 male; Protocol 15-04, n=14 females & n=11 males). These protocols represented activity by two investigators, Sumaya (04-01 & 04-02) and Gancarz-Kausch (15-04). All cages were appropriately marked with cage cards containing all

the required information. Rats continue to undergo daily health check by trained student research assistants including the weekends reporting directly to Sumaya for concerns and issues. Sumaya does unannounced periodic inspections of colony to assure that the students are meeting their daily duties. The cages undergo cleaning weekly with water fresh daily and food provided *adlibitum*. Sumaya and Gancarz-Kausch provided an overview of the current protocols.

Science I 212 [Amber Stokes, Biology]

Newt Colony: Science I, 212. The two large, standing temperature-controlled units where the newts are kept were both in working order (Low temp is 6-10 °C and high is 17-18 °C as per a digital thermometer) with temperature logged daily. The newts continue to be housed in water in shoe box size plastic containers with the water for the newts de-chlorinated (by passive evaporation) in a large container; the water is then moved into the cooled environment, so there is no temperature shock. The water continues to be tested by chlorine test strips to assure the proper levels of chlorine. All reviewed the feeding and cleaning log finding that cleaning and feeding showed no irregularities.