INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE (IACUC)

***CALIFORNIA STATE UNIVERSITY, BAKERSFIELD***

9001 Stockdale Highway, Bakersfield, CA 93311-1099

***MINUTES OF Spring II MEETING, Friday,* 15 May 2019**

***DDH A-108***

**Members Present:**

**Scientific Concerns:** Matt Leon

**Scientific Concerns:** Amy Gancarz-Kausch

**Scientific Concerns:** Amber Stokes

**Scientific Concerns:** Isabel Sumaya (RERC, IACUC Secretary)

**Non-Scientific Concerns:** Andrew Troup

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

**Community Issues:** Hector Gonzalez (Consulting Veterinarian)

**Community Issues:** Larry Saslaw

**Community Issues:** Laramée Lyda-Craft

**CALL TO ORDER.** The meeting was called to order at 1:00 pm by Chair Leon.

**ANNOUNCEMENTS.** All welcomed Gonzales to the board. Gonzalez replaced long-time member, Mylon Filkins as consulting Vet.

**Meeting Dates for Next Year**. Sumaya announced the new meeting dates (below) for the 2019-2020 school year. She announced that these dates could be changed to accommodate to any time conflicts.

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| **Semester** | **Submission Due Date** | **Meeting Date** |
| 2019 Fall I | Friday, August 23, 2019 | Friday, September 06, 2019 |
| 2019 Fall II | Friday, November 01, 2019 | Friday, November 15, 2019 |
| 2020 Spring I | Friday, January 31, 2020 | Friday, February 14, 2020 |
| 2020 Spring II | Wednesday, April 29, 2020 | Wednesday, May 13, 2020 |

**APPROVAL OF MINUTES.** Leon noted that RERC was not listed as being present in the Fall II meeting minutes of November 16th, 2018, although she was present. Gancarz-Kausch moved to approve the Fall II meeting minutes adding RERC as present, Troup seconded. Lyda-Craft and Gonzales abstained as they were not present at the Fall II meeting (6-2).

**OLD BUSINESS.** All members have now completed the CITI training.

**NEW BUSINESS. Semi-Annual Program Checklist**. Sumaya reviewed the process of completing the Semi-Annual Program Checklist noting that the role of the Vet is to review and approve the part of the document that is specific to Veterinary Care (#8). She also noted that the checklist is performed during the two Animal Colony Inspections.

**Reappoints**. Expiration of terms of board members were discussed. Lyda-Craft, Gancarz-Kausch, and Stokes were asked if they would like to continue with another 3-year term. All accepted to serve another term. Saslaw moved to approve the new terms to the board and Troup seconded, Lyda-Craft, Gancarz-Kausch, and Stokes each recused themselves from their term votes (7-1, for each). Lyda-Craft will begin her new term on 6/30/2019, Gancarz-Kausch and Stokes will begin their new term 8/31/2019.

**Adverse Event**. Stokes reported an adverse event for Protocol #14-01, "Tetrodotoxin (TTX) in Terrestrial Systems: The Biographical Distribution, Ecology, and Physiology of TTX Bearing Organisms," in her Renewal Without Changes request submitted on November 13, 2018. She explained that one of her refrigeration units went down. The student that performed the daily check of the newts noticed it was not working but did not notify anyone that day. The next day another student notified Stokes that the unit was not working at which time the newts were immediately transferred to a working unit. Stokes reported that no deaths occurred but that this event would have triggered stress in the animals. She also reported that the student that did not properly report the mechanical failure was no longer doing animal care, and that new training protocols were put in place. Lyda-Craft asked Stokes how she would know that a newt was stressed. Stokes said that when newts are stressed, they stop eating.

**BOARD AFFIRMATIONS of Closures, Modifications and Renewals since the Fall II Meeting, November 16th, 2018 meeting**.

**Protocol Closures [0].** There were no closures during this time.

**Modifications [7]:** Modifications Approved by RERC since the Fall II meeting needing board affirmation.

Protocol 15-04, "Behavioral Mechanisms Underlying Susceptibility to Cocaine Addition.”Authorization was based the requested modification on January 3rd, 2019. The modification approved was to add new research assistants. PI: Gancarz-Kausch. Troup moved to affirm and Saslaw seconded. All approved and Gancarz-Kausch recused (7-1).

Protocol 04-01, “Circadian Effects of Melatonin on Extrapyramidal Side Effects in Rats Treated with Typical and Atypical Antipsychotics.” Authorization was based on the requested modification on March 6th, 2019. The modification approved was to add new research assistants. PI: Sumaya. Gancarz-Kausch moved to affirm and Saslaw seconded. All approved (8-0).

Protocol 04-02, “The Effects of Caloric Restriction in an Animal Model of Depression in Rats.”

Authorization was based on the requested modification on March 6th, 2019. The modification

approved was to add new research assistants. PI: Sumaya. Gancarz-Kausch moved to affirm and Saslaw seconded. All approved (8-0).

Protocol 07-05, “Effects of Cage Size and Environmental Enrichment on Rats.” Authorization

was based on the requested modification on March 6th, 2019. The modification approved was to add new research assistants. PI: Sumaya. Gancarz-Kausch moved to affirm and Saslaw seconded. All approved (8-0).

Protocol 15-04, " Behavioral Mechanisms Underlying Susceptibility to Cocaine Addition." Authorization was based on the requested modification on March 20th, 2019. The modification approved was to add new research assistants. PI: Gancarz-Kausch. Troup moved to affirm and Saslaw seconded. All approved and Gancarz-Kausch recused (7-1).

Protocol: 14-01, "Tetrodotoxin (TTX) in Terrestrial Systems: The Biographical Distribution, Ecology, and Physiology of TTX Bearing Organisms." Authorization was based on the request for modification on May 6nd, 2019. The modifications approved was to decrease the number of snakes used from 20 to 10. At the meeting Stokes clarified that she also wanted approval for increasing the number of newts from 26 to 50. PI: Stokes. Gancarz-Kausch moved to affirm and Saslaw seconded. All approved and Stokes recused (7-1).

Protocol 15-04, " Behavioral Mechanisms Underlying Susceptibility to Cocaine Addition."

Authorization was based on the requested modification on May 8th, 2019. The modification approved was to add new research assistants. PI: Gancarz-Kausch. Troup moved to affirm and Saslaw seconded. All approved and Gancarz-Kausch recused (7-1).

**Modifications for Full Board Review [0]:**

**Renewals with no modifications [0]**

**ADJOURNMENT.** Chair Leon adjourned the meeting at 1:30 pm.

**INSPECTION OF ANIMAL FACILITIES**: Rat Colony and Newt Colony. Inspection took place. See Notes below.

**Continuing IACUC Member Training: All must have training complete!**

**May 2019: Rodent Colony: DDH H-100**. Gonzalez was introduced to the lab. He was shown where the log was kept. Sumaya explained what Former Vet, Filkins, reviewed on the log during these inspections. Everything on the log was up to date. A check of food and bedding and its storage was found to be appropriately kept. The Emergency Call Out List was also reviewed, and it was noted that it was in the appropriate location, on the colony door. In residence were a total of 199 Sprague-Dawley rats (Protocol 04-01, n=62 male; Protocol 04-02, n=108 male; Protocol 15-04, n= 7 females & 22 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 *ad libitum*. Sumaya provided an overview of the current protocols.

**May 2019: Newt Colony: Science I, 212.**  Gonzalez was introduced to the newt lab. Gonzalez was shown the two large, standing temperature-controlled units where the newts are kept. Low temp is 6-10 oC and high is 17-18 oC 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.