

Minutes  
Institutional Animal Care and Use Committee  
June 22, 2017  
Centerpoint building conference room 312-05 3:00 pm

**Voting Members Present**

Seth Nydam  
Tol Cheshko  
Carol Johnston  
Brent Vernon\*  
Dick George  
Clive Wynne  
Rayna Gonzales

**Affiliated Participants**

Debra Murphy  
Irene Mendoza  
Benjamin Mitsuda  
Chantelle Miller  
Samantha Augustowski  
James Badman

**Visitors**

Don Stenhoff  
Julianna Goenaga  
Annika Vannan  
Evelyn Trujillo  
Stephen Helms Tillery  
Rachele McAndrew  
Corina Logan\*\*  
Emilia Martins\*\*\*  
Dale DeNardo\*\*\*

\*Acting Chair

\*\*Present via Skype video conference

\*\*\* Present via conference call

The meeting was called to order by the Chair at 3:02 pm, and a quorum was confirmed. Introductions were made.

Samantha Augustowski made an announcement that the meeting is being recorded for note taking purposes as an aid in preparing minutes. After the minutes for the June meeting have been reviewed and approved, the recording will be deleted.

Samantha Augustowski reported that the May 25, 2017, minutes will be reviewed at the July 27, 2017, meeting.

The Chair called for a conflicts of interest. Clive Wynne reported his conflicts with protocols Stenhoff 17-1600R and Wynne 17-1598R.

The Chair reminded the membership of the IACUC protocol review criteria.

Corina Logan joined the meeting via Skype video conference at 3:06 pm.

**Protocols for Committee Review**

***Taylor 17-1594R***

Behavioral Flexibility in Great-tailed Grackles

Funding Source: Unfunded

Primary Reviewer: Karen Sweazea

Peer Reviewer: Karen Sweazea

Corina Logan provided an overview of the protocol and responded to questions posed by the committee.

The committee determined that the aviary will need to be inspected prior to use. The investigator will contact the IACUC office to schedule an inspection when the aviary is set up. After discussion, a motion was made by Tol Cheshko and seconded by Dick George to approve the protocol as presented.

Total Vote: 7

Approved: 7

Opposed: 0

Abstained: 0

Recused: 0

The Skype video conference with Corina Logan ended at 3:09 pm.

**Neisewander 17-1602R**

Role of MicroRNAs and RNA-Binding Proteins in Addiction-Related Gene Expression

Funding Source: National Institute on Drug Abuse

Primary Reviewer: Sarah Stabenfeldt

Peer Reviewer: N/A

Annika Vannan provided an overview of the protocol and responded to questions posed by the committee. After discussion, the following changes were made:

1. Detailed Use of Animals, Section III, Part A:
  - a. Corrected the dose of heparinized saline to by 7 units/0.1 ml.
  - b. Removed volume units for Meloxicam, Buprenorphine and Cefazolin.
  - c. Added volume units for Buprenorphine dose (mg/kg).
2. Appendix 2, Section II, Part C: Added a dose range for Buprenorphine, and corrected volume units to be 0.01 – 0.05 mg/kg, to be consistent with the information provided in the Detailed Use of Animals.
3. Appendix 2, Part III, Part B: Added a dose range for Buprenorphine to be 0.01 – 0.05 mg/kg, to be consistent with the information provided in the Detailed Use of Animals.

After further discussion, the following changes were requested:

1. Detailed Use of Animals, Section II, Part I: Provide rationale for not providing enrichment to the animals.

The committee also reviewed the accompanying checklist for food restriction as a deviation to the Guide. The husbandry deviation from the *Guide* for single housing and no enrichment were added to the checklist. A motion was made by Carol Johnston and seconded by Tol Cheshko to appoint Brent Vernon as Designated Reviewer of the revised version to confirm that it addresses the revisions discussed by the committee.

Total Vote: 7      Approved: 7      Opposed: 0      Abstained: 0      Recused: 0

**Stenhoff 17-1600R**

Reducing Coprophagy in Dogs and Chickens

Funding Source: Unfunded

Primary Reviewer: Federico Sanabria

Peer Reviewer: Federico Sanabria

Don Stenhoff provided an overview of the protocol and responded to questions posed by the committee. Ben Mitsuda recommended the pet owners provide written consent for their animals to participate in the research study. The IACUC Office will send the consent form template to the investigator. After discussion, a motion was made by Carol Johnston and seconded by Tol Cheshko to approve the protocol as presented.

Total Vote: 7      Approved: 6      Opposed: 0      Abstained: 0      Recused: 1 (Clive Wynne)

**Helms Tillery 17-1601R**

Sensory Representations and Learning in Skilled Motor Tasks

Funding Source: Unfunded

Primary Reviewer: Karen Kibler

Peer Reviewer: N/A

Stephen Helms Tillery provided an overview of the protocol and responded to questions posed by the committee. The committee also reviewed the accompanying checklist for water restriction, prolonged

restraint, and a husbandry deviation from the *Guide*. After discussion, a motion was made by Carol Johnston and seconded by Dick George to approve the protocol as presented.

Total Vote: 7      Approved: 7      Opposed: 0      Abstained: 0      Recused: 0

***Wynne 17-1598R***

Sociability in canids other than dogs and wolves

Funding Source: Unfunded

Primary Reviewer: Carol Johnston

Peer Reviewer: Federico Sanabria

Clive Wynne provided an overview of the protocol and responded to questions posed by the committee. Since the animals are privately owned, written consent of the owners will be required. The IACUC Office will send the consent form template to the investigator. After discussion, a motion was made by Tol Cheshko and seconded by Carol Johnston to approve the protocol as presented.

Total Vote: 7      Approved: 6      Opposed: 0      Abstained: 0      Recused: 1 (Clive Wynne)

**Request for Changes for Committee Review**

***Gipson-Reichardt 15-1436R RFC 41***

Contributions of Glial Glutamate Transport and NMDA Receptors in Nicotine Relapse

Funding Source: National Institutes of Health

Primary Reviewer: Federico Sanabria

Peer Reviewer: N/A

Julianna Goenaga provided an overview of the requested changes to the protocol and responded to questions posed by the committee. After discussion, a motion was made by Carol Johnston and seconded by Tol Cheshko to approve the requested changes as presented.

Total Vote: 7      Approved: 7      Opposed: 0      Abstained: 0      Recused: 0

Emilia Martins joined the meeting via conference call at 3:42 pm.

**Protocols for Committee Review**

***Martins 17-1596R***

Zebrafish Social Behavior & Sensory Evolution

Funding Source: National Science Foundation

Primary Reviewer: Karen Sweazea

Peer Reviewer: N/A

Emilia Martins provided an overview of the protocol and responded to questions posed by the committee.

After discussion, the following changes were made:

1. Category of Pain or Distress table: Moved all zebrafish numbers to Category C

After discussion, a motion was made by Tol Cheshko and seconded by Dick George to approve the protocol as modified.

Total Vote: 7      Approved: 7      Opposed: 0      Abstained: 0      Recused: 0

Carol Johnston left the room at 3:49 pm.

**Martins 17-1597R**

Evolution of Multimodal Communication in Sceloporus Lizards

Funding Source: Unfunded

Primary Reviewer: Karen Sweazea

Peer Reviewer: Dale DeNardo

Emilia Martins provided an overview of the protocol and responded to questions posed by the committee. After discussion, a motion was made by Tol Cheshko and seconded by Seth Nydam to approve the protocol as presented.

Total Vote: 6      Approved: 6      Opposed: 0      Abstained: 0      Recused: 0

The conference call with Emilia Martins ended at 3:52 pm. Carol Johnston entered the room at 3:52 pm.

Dale DeNardo joined the meeting via conference call at 3:53 pm.

**DeNardo 17-1599R**

Transcutaneous Evaporative Water Loss among Squamate Reptiles

Funding Source: Unfunded

Primary Reviewer: Karen Kibler

Peer Reviewer: Scott Nichols of Northern Arizona University

Dale DeNardo provided an overview of the protocol and responded to questions posed by the committee. After discussion, a motion was made by Tol Cheshko and seconded by Clive Wynne to approve the protocol as presented.

Total Vote: 7      Approved: 7      Opposed: 0      Abstained: 0      Recused: 0

The conference call with Dale DeNardo ended at 3:56 pm.

**Sweazea 17-1595R**

Cardiovascular Disease and Cancer Risk in Wild Mourning Doves from Urban and Rural Locations

Funding Source: Unfunded

Primary Reviewer: Sarah Stabenfeldt

Peer Reviewer: Kevin McGraw

In the absence of the investigator, Brent Vernon provided an overview of the protocol and responded to questions posed by the committee.

After discussion, the following changes were requested:

1. Planned Use of Animals, Study 4: Correct the number of animals being requested for this study.

The committee also reviewed the accompanying checklist for a husbandry deviation from the *Guide*. A motion was made by Tol Cheshko and seconded by Seth Nydam to appoint Brent Vernon as Designated Reviewer of the revised version to confirm that it addresses the revisions discussed by the committee.

Total Vote: 7      Approved: 7      Opposed: 0      Abstained: 0      Recused: 0

**Consent Items**

The Chair presented the consent items listing (1) activities approved administratively or by designated review and (2) annual and final reviews. The committee acknowledged the consent items.

## **Annual Reviews with Exceptions to the Guide**

The Chair presented the exceptions for the following protocols:

- Deviche 16-1511R for a husbandry deviation from the *Guide*.
- Gipson-Reichardt 15-1436R for food restriction, a husbandry deviation from the *Guide*, and multiple major surgeries.
- Greger 16-1512R for water restriction, prolonged restraint, and multiple major surgeries.
- Loyd 15-1446T for a husbandry deviation from the *Guide*.
- Nickerson 15-1447R for food and water restriction, and a husbandry deviation from the *Guide*.
- Oddo 15-1435R for a husbandry deviation from the *Guide*.
- Shi 15-1434R for category E animals.

The committee discussed and confirmed the previous approvals. During discussion of exception it was determined that a husbandry deviation from the *Guide* to allow for single housing of animals was should be added to Greger 16-1512R. The husbandry deviation from the *Guide* for Oddo 15-1435R was discussed. The IACUC's Mouse Breeding Policy was updated subsequent to the protocol being approved so the listed deviation no longer requires reporting. There were no dissenting opinions.

## **Off-cycle Inspection Schedule**

Samantha Augustowski presented the off-cycle inspection schedule to the committee. Calendar requests for the inspections have been sent out. The committee discussed whether to integrate the Psychology inspection into the regular inspection cycles. It was determined that it is more effective to inspect this facility off-cycle due to timing of experiments and committee member schedules.

## **Training Modules**

### **A. Rodents**

Chantelle Miller presented the rodent module to the committee. The committee requested more time to review this module. After discussion, a motion was made by Carol Johnston and seconded by Tol Cheshko send the module through the Designated Review process and appoint the Chair as the Designated Reviewer.

Total Vote: 7      Approved: 7      Opposed: 0      Abstained: 0      Recused: 0

### **B. Fish**

Brent Vernon presented the fish training module to the committee for consideration. After discussion, a motion was made by Tol Cheshko and seconded by Carol Johnston to approve the module as presented.

Total Vote: 7      Approved: 7      Opposed: 0      Abstained: 0      Recused: 0

## **Education Items**

The committee briefly discussed the education items:

- Microbiota and Reproducibility of Rodent Models
- Referencing an Approved Protocol in an Amendment

The meeting adjourned at 4:22 pm. The next meeting will be held Thursday, July 27, 2017, at 3:00 pm in the Centerpoint building conference room 312-05.