

Quorum Requirement = 11

Animal Care & Use Committee
February 17, 2022

Members Present:

[REDACTED]

Members Absent:

[REDACTED]

Guests Present:

**Denise Yee, Research Compliance Staff
*In person, **via teleconference

A. Call to Order:

A quorum of members was present when the IACUC meeting was called to order by Chairman Dr. Axel Lehrer, via teleconference at 1:40 PM. The first order of business was the approval of January 20, 2022 IACUC meeting notes. The committee unanimously voted to approve the meeting notes.

B. New Business:

1. Semiannual Facility Inspections

The committee approved the subcommittee reports for the following facilities:

- [REDACTED] Lab
- Woodlawn SAF
- WCC Veterinary Technician Program

A majority of members voted for approval, disapproval, or abstention. No minority opinions were noted or filed as of this meeting.

C. Old Business:

1. Annual Renewals

Further discussion and voting on discontinuing protocol annual renewals was tabled. The committee members would like to review a draft of a policy that addresses the following:

- Which PIs are exempt from submitting annual renewals
- How the research projects will be monitored, through PAM, veterinary inspections and/or an annual reporting form
- Who will track the annual and triennial renewals and provide reminders to the PI
- What will happen if a previously approved project receives DoD funding
- What documentation (annual or triennial) will be required by ORS

Presently, the Department of Defense (DoD) is undecided on whether to follow the USDA's ruling to eliminate annual renewals. It was suggested that if a UH policy eliminates annual renewals with the exception of DoD protocols, it can always be rescinded should the DoD accept triennial reviews.

D. Other Business:

1. Veterinary Cases

- The veterinary technician at the Ford Island NOAA HMS facility reported a hooked seal on January 27, 2022. The HMS was brought to the facility, then transferred the next morning to Ke Kai Ola (Marine Mammal Center on Hawaii Island) for treatment.
- Mouse Hepatitis Virus was detected in mice shipped from Kaka'ako to Canada. AVS staff did PCR testing on the mouse line of origin (offspring) and racks at Kaka'ako. All samples were negative.
- An investigator's rats are pulling out their sutures. The AVS veterinarians are working with the PI but a solution has not been found. AVS veterinarians recommend euthanizing rats that have pulled out the first set of sutures rather than repeating anesthesia for re-suturing.

2. SAEN Complaint to the USDA

- The committee was informed that an animal rights group, SAEN (Stop Animal Exploitation NOW), filed a complaint with the USDA for a violation of the AWA that resulted in the death of a goat. The complaint alleges that 108 goats were also endangered. The 108 goats are referenced from the 2020 USDA Annual Report. The following corrections were provided to the UH Public Relations office for media inquiries:
 - The 108 goats are used by a different PI on another island.
 - None of the goats in the UH program are used for research.
 - The 9 other goats in the pen with the deceased goat were all fine. There was ample food, water, and shade.

3. AAALAC Site Visit

- The committee members were reminded of the AAALAC site visit March 7-8, 2022.

4. Move IACUC Meetings to 1:00 PM

- A poll will be sent out to query members for moving the meetings from 1:30 PM to 1:00 PM.

E. Review of New Protocols, Renewals, and Revisions:

Description of Protocols – Full Approval

03-007-19 [3527], 04-007-18 [3314], 04-057-17 [3279], 05-026-16 [3760], 09-887-12 [3133], 10-934-13 [3763], 11-1120-12 [3539], 11-1288-11 [3766], 15-2030-7 [3542], 16-2449-6 [3196], 16-2478-5 [3403], 18-2782-5 [3538], 19-3123-4 [3759], 22-3733 [3733] and 22-3764 [3764] were granted full approval.

03-007-19 [3527] (Annual Renewal) Application Title - *"Fisheries Oceanography: Hawaiian Monk Seal Research Program/Hawaiian Monk Seal Northwestern Hawaiian Islands Research Seasonal Support"*. Vertebrate Species – Monk Seals. Project Description – Continuation of a project that assesses the population and health status of the Hawaiian monk seal in the wild. **No discussion.**

04-007-18 [3314] (Annual Renewal) Application Title - *"Watershed Threat Control in East Maui"*. Vertebrate species – Pigs and sheep. Project Description – Continuation of a project and also a

E. Review of New Protocols, Renewals, and Revisions:

added as a location to release alala. Predators will be systematically reduced/removed in the areas around Alala feeding and nesting sites. **No discussion.**

18-2782-5 [3538] (Annual Renewal) Application Title – *“Marine Turtle Research and Assessment in the Pacific Islands Region (e.g. Hawaii, American Samoa, Guam, CNMI, PRIAs, inclusive EEZ, associated high seas, and adjacent foreign waters) to Estimate Population Structure, Abundance, and Trends. Vertebrate species – Sea turtles. Project Description – Continuation of a project conducted by the Marine Turtle Biology and Assessment Program (MTBAP) of the Protected Species Division at the Pacific Islands Fisheries Science Center (PIFSC) to support NOAA’s mission to conserve and recover sea turtle populations in the Pacific. No discussion.*

19-3123-4 [3759] (Full Renewal) Application Title – *“Canine Detection of Coconut Rhinoceros Beetle in Hawaii”. Vertebrate species – Dogs. Project Description – Continuation of a project that seeks to determine whether detector canine(s) can be used in the field to identify breeding locations of coconut rhinoceros beetle (CRB), a highly invasive and destructive insect species. No discussion.*

22-3733 [3733] (New-Previously Deferred) Application Title – *“Mouse Models of Liver Cancers”. Vertebrate species – Mice. Project Description – This new project generates mouse models for liver cancers. These mouse models will be used to study the pathways which regulate liver tumor development and to investigate novel therapeutics against liver cancers. No discussion.*

22-3764 [3764] (New) Application Title – *“Habitat and Spatial Use of Io on Hawaii Island”. Vertebrate species – Birds. Project Description – This new project evaluates the movement, behavior, and habitat use of the ‘io (Hawaiian Hawk) on Hawai‘i Island at the next candidate ‘Alalā release areas in Ka‘ū Forest Reserve. Discussion – DOWFAW personnel are performing the animal procedures, however, the project is planning on hiring a raptor technician.*

IACUC Vote – unanimous vote for 03-007-19 [3527], 04-007-18 [3314], 04-057-17 [3279], 05-026-16 [3760], 09-887-12 [3133], 10-934-13 [3763], 11-1120-12 [3539], 11-1288-11 [3766], 16-2030-7 [3542], 16-2449-6 [3196], 16-2478-5 [3403], 18-2782-5 [3538], 19-3123-4 [3759], 22-3733 [3733] and 22-3764 [3764].

Description of Protocols - Not Approved until Additional Information or Clarification is Provided:

11-1109-11 [3552] was Not Approved until Additional Information or Clarification is Provided.

11-1109-11 [3552] (Annual Renewal) Application Title – *“Investigations of Life Histories, Behavioral Roles, and Communication Systems of Humpback Whales”. Vertebrate species – Whales. Project Description – Continuation of a project to understand the mating system of the North Pacific humpback whale by studying its underwater behaviors and social interactions. Discussion – The protocol was not approved due to incomplete training recertifications.*

A. Section 3. Personnel Qualifications. 3.1 Review of Regulations.

Several project staff members are required to complete the CITI training module, *“Refresher Course for Investigators Conducting Research With Lab Animals”*.

IACUC Vote – Unanimous vote for nonapproval

F. Previously Reviewed Protocols and Project Personnel Changes - Approved

Approved protocols – 12-1449-10 [3734]

Approved Personnel Changes – 18-2971-4 [3679], 22-3744 [3744]

Approved protocols (DMR approved) – 09-806-12 [3119], 13-1636-9 [3145], 13-1744-9 [3216], 16-2400-6 [3144], 22-3723 [3723]

Approved protocols (VVC approved) – 17-2652-5 [3489], 19-3131-3 [3491]

G. Adjournment: The meeting was adjourned at 3:10 PM.

LEGEND

Approved - research or training/teaching can begin or continue.

Not Approved - research or training/teaching cannot begin until additional information or clarification required by the committee is reviewed and approved by the chairperson.

Deferred - research or training/teaching cannot begin as the protocol has serious defects that require significant justification and review by the full committee.

IACUC Decision on Reviewed Protocols February 17, 2022

Approval	Not Approved	Deferral	Withdrawn	Tabled
15	1	0	0	0

Respectfully submitted,

**Diana Talerico
Blanco**

Digitally signed by Diana Talerico Blanco
DN: cn=Diana Talerico Blanco, o=University of
Maryland System, ou=AVS
e=dtalerico@umms.edu, c=US
Date: 2022.01.09 07:49:11 -1000

Diana Talerico Blanco
Program Manager
Animal Welfare and Biosafety Programs