

VIII. Membership of the IACUC

Date: 02-07-2018			
Name of Institution: University of Memphis			
Assurance Number: A3919-01			
IACUC Chairperson			
Name* : Amy de Jongh			
Title* : Associate Professor, Biomedical Engineering		Degree/Credentials* : PhD Biomedical Engineering	
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IACUC Roster			
Name of Member/ Code**	Degree/ Credentials	Position Title***	PHS Policy Membership Requirements****
See attachment 1			

* This information is mandatory.

** Names of members, other than the chairperson and veterinarian, may be represented by a number or symbol in this submission to OLAW. Sufficient information to determine that all appointees are appropriately qualified must be provided and the identity of each member must be readily ascertainable by the institution and available to authorized OLAW or other PHS representatives upon request.

*** List specific position titles for all members, including nonaffiliated (e.g., banker, teacher, volunteer fireman; not "community member" or "retired").

**** [PHS Policy](#) Membership Requirements:

Veterinarian veterinarian with training or experience in laboratory animal science and medicine or in the use of the species at the institution, who has direct or delegated program authority

and responsibility for activities involving animals at the institution.

Scientist practicing scientist experienced in research involving animals.

Nonscientist member whose primary concerns are in a nonscientific area (e.g., ethicist, lawyer, member of the clergy).

Nonaffiliated individual who is not affiliated with the institution in any way other than as a member of the IACUC, and is not a member of the immediate family of a person who is affiliated with the institution. This member is expected to represent general community interests in the proper care and use of animals and should not be a laboratory animal user. A consulting veterinarian may not be considered nonaffiliated.

[Note: all members must be appointed by the CEO (or individual with specific written delegation to appoint members) and must be voting members. Non-voting members and alternate members must be so identified.]

X. Facility and Species Inventory

Date: 05-18-2018			
Name of Institution: University of Memphis			
Assurance Number: A3919-01			
Laboratory, Unit, or Building [*]	Gross Square Feet [<i>service areas included</i>]	Species Housed [<i>common names</i>]	Approximate Average Daily Inventory
(b) (4)	3820 sq. ft.	Mice	1206
		Dwarf Hamsters	390
		Meadow Voles	86
		Damaraland Mole Rats	277
	2866 sq. ft.	Mice	471
		Rats	101

^{*} Institutions may identify animal areas (buildings/rooms) by a number or symbol in this submission to OLAW. However, the name and location must be provided to OLAW upon request.

Attachment 1: IACUC Membership

Member

Dr. Amy de Jongh Curry, Chair
Associate Professor, Biomedical Engineering
The University of Memphis

Credentials

PhD, Biomedical Engineering
University of Memphis

(b) (6)

Dr. Karyl Buddington, Veterinarian
Associate Professor and Director, Animal Care
The University of Memphis

DVM, Veterinary Medicine
Mississippi State University

(b) (6)

Memorandum to: Dr. Andrew Meyers

From: Institutional Animal Care and Use Committee

Subject: Semiannual Review of Animal Care and Use Program and
Inspection of Facilities – **The University of Memphis**

Date: December 13, 2017

This represents the Semiannual Report of the Institutional Animal Care and Use Committee (IACUC) to the Institutional Official, as required by the PHS Policy on Humane Care and Use of Laboratory Animals, as a condition of this institution's Animal Welfare Assurance with the Office of Laboratory Animal Welfare (OLAW), and the Animal Welfare Act and Animal Welfare Regulations, as applicable.

Review of Animal Care and Use Program

The IACUC conducted its semiannual review of the institution's animal care and use program on [October 18, 2017], using the *Guide for the Care and Use of Laboratory Animals (Guide)*, and, as applicable, 9 CFR Chapter I, 2.31. [NOTE: The IACUC may wish to describe the process of program evaluation and briefly describe the program, or highlight particular aspects of the program, positive and negative. If no deficiencies were identified in the animal care and use program, the report should state that no deficiencies were identified and that all aspects of the program are consistent with the PHS Policy, the *Guide*, and applicable Animal Welfare Regulations.] All members were in attendance:

(b) (6) Dr. Karyl Buddington, Dr. Amy de Jongh Curry, (b) (6)

(b) (6)

The following deficiencies were found in the animal care and use program:

The IACUC committee observed no deficiencies in the animal care and use program. We believe that all aspects of the program are in compliance with PHS Policy, the *Guide*, and applicable Animal Welfare Regulations. We are currently revising our Occupational Health and Safety (OHS) program in order to provide our personnel the option to seek healthcare from providers with knowledge of and experience with providing healthcare to investigators and personnel using animals in research. We expect our revised OHS program to be implemented in January 2018.

Inspection of Animal Facilities

The IACUC inspected the animal facilities on the main campus on [November 28, 2017], using the *Guide*, and, as applicable, 9 CFR Chapter I, 2.31. A majority of members were in attendance: (b) (6) Dr. Karyl Buddington, Dr. Amy de Jongh Curry, (b) (6)

(b) (6) NOTE:

The IACUC may wish to briefly describe each facility, or to highlight specific attributes of facilities, positive and negative. If no deficiencies were identified in any animal facility, the report should state that no deficiencies were identified and that all facilities are consistent with the PHS Policy, the *Guide*, and applicable Animal Welfare Regulations.]

The IACUC members in attendance inspected animal facilities in the Psychology building and the Life Science building. No equipment, electrical, or plumbing maintenance issues were noted, with the exception of the cage washer in (b) (4). The IACUC previously noted in past reports that replacing the cage washer in the Life Sciences facility was a major issue and acknowledges that progress is being made in the replacement process. The IACUC was informed that bids are currently being collected, and we expect a new cage washer will be purchased and installed in spring 2018.

The following deficiencies were found in the animal facilities on the main campus:

A deficiency in preventative medical care exists with regard to detecting infections in rodent colonies. While surveillance of the animals by caretakers and researchers is partially effective in detecting possible infections, we should be proactively testing for infectious agents on a regular basis. Specifically, using sentinels to detect infections on a regular basis has not been possible due to budget restrictions over the last 6 months. The IACUC found this fault to be a major issue. Failure to identify infections can cause clinical disease or alter physiologic and behavioral responses or otherwise make the animals unsuitable for research. Additionally, this deficiency could jeopardize the institution's assurance from OLAW. Sufficient funds must be allocated to the animal care and use program to carry out preventative medical care of the animals housed in the institution's animal facilities. This deficiency should be rectified within 3 months.

The IACUC inspected the Meeman Biological Station located off-campus in northwest Shelby County on [December 13, 2017], using the *Guide*, and, as applicable, 9 CFR Chapter I, 2.31. The following members were in attendance: (b) (6) Dr.

Karyl Buddington, Dr. Amy de Jongh Curry, (b) (6)

The following deficiencies were found in the animal facilities in Meeman Biological Station:

The IACUC committee observed no deficiencies. We inspected the laboratory facilities; no studies were currently in progress. We inspected several avian nesting boxes used by one of our investigators in the field.

Departures from the *Guide*

The following departures from the *Guide* have been reviewed and approved by the IACUC: [NOTE: All IACUC Semiannual Reports will include a description of the

nature and extent of this Institution's adherence to the *Guide*. Any departures from the *Guide* will be identified specifically and reasons for each departure will be stated.]

There have been no departures from the *Guide*.

Minority Views

[NOTE: If there are minority IACUC views regarding the Semiannual Report, the Institutional Official must be informed and copies of the minority views included in the report. If there are no minority views, the report should include a statement to that effect.]

There are no minority views. The IACUC committee is in complete agreement.

Names of IACUC Members	Signatures
(b) (6)	(b) (6)
Dr. Karyl Buddington, DVM _____	
Dr. Amy de Jongh Curry _____	
(b) (6)	

[NOTE: A majority of the members of the IACUC should sign the report]

[NOTE: Please e-mail questions and comments to OLAW: olaw@od.nih.gov]

MEMORANDUM

To: Dr. Andrew Meyers

From: Institutional Animal Care and Use Committee

Subject: Addendum to Semiannual Review of Animal Care and Use Program and Inspection of Facilities – **The University of Memphis**

Date: March 16, 2018

This represents an addendum to the Semiannual Report of the Institutional Animal Care and Use Committee (IACUC), dated December 13, 2017, to the Institutional Official.

A deficiency in preventative medical care of the animals in the facilities on the main campus was noted in the December 2017 report. Specifically, a lapse in the use of sentinels and testing for infections occurred due to budget restrictions. The committee acknowledges that rectification of the deficiency is in progress; specifically, funds have been allocated to re-start the use of sentinels to monitor for infectious agents in our rodent colonies, and sentinels are now in place.

The committee also requests further information regarding budget allocations for all components of the animal care and use program to allow for transparent communication between the responsible individuals/committees for the animal care and use program, namely the Institutional Official, the Attending Veterinarian, and the IACUC.

IACUC Members

Signature

Date

(b) (6)

(b) (6)

Dr. Karyl Buddington, DVM

Dr. Amy de Jongh Curry

(b) (6)