

SEMIANNUAL REPORT

ANIMAL CARE AND USE
PROGRAM REVIEW AND FACILITY INSPECTION
OF THE

**National Institute on Aging
Intramural Research Program**

OCTOBER 2019

Section A – Site Visits & Program Review:

1. Inspections of the National Institute on Aging (NIA) animal facilities (AF) and areas where any surgical manipulations (Surg) are performed (as applicable) were conducted as indicated below:

Location	Type	Date	ACUC Members
Redacted by	AF, Surg	09/26/2019	Redacted by agreement Redacted by agreement Perdue, Redacted by agreement

2. Visits by at least one member of the Animal Care and Use Committee (ACUC) to all remaining areas where animal activities were performed were conducted. These visits occurred during the previous six months and findings and corrective actions are described in this or the previous semiannual report.

3. The following documents were used as the basis for review of the animal care and use program:

	Document/Resource
✓	<i>Guide for the Care and Use of Laboratory Animals, 8th Edition (Guide)</i>
✓	NIH OACU "Animal Program Semiannual Assessment Checklist"
✓	Semiannual Inspection Summary

4. The program review was conducted in the following manner:

	Program Review Process
✓	Full committee member review for ALL of the review, i.e. the documents/resources listed in A3. are included in the meeting packet and reviewed at a convened meeting.
	Full committee and subcommittee review, i.e. the documents/resources listed in A3. are assigned to various members who review their parts/sections and then the reviews are discussed with the full committee for a final review/approval.
	Designated member review, i.e. the documents/resources listed in A3. are assigned to various members who review their parts/sections and then report the results of their designated review to the full committee.

Section B – Regulatory Compliance:

Except as noted in Sections F and G, below, the facilities and program are in full compliance with the Public Health Service Policy, the USDA *Animal Welfare Act Regulations (AWARs)*, and the *Guide*, which were used as the basis for this evaluation.

Section C – Program Changes:

The following administrative and procedural changes have occurred since the program was last evaluated:

1. Administrative/Procedural Changes: *None*
2. Key Personnel Changes:

Role	Name	Action
ACUC AV	Redacted by agreement	Departed
ACUC AV	Kathy Perdue	Joined
ACUC AV Alternate	Redacted by agreement	Joined

3. Animal Facility/Area Changes: *None*

Section D – Guide Departures & USDA Exceptions:

Departures from the standards of the *Guide*, and exceptions to the USDA *AWARs*, which have been approved by the ACUC, include the following:

1. Departures from the *Guide*:

Guide Departure	Guide Citation	Justification
Nonhuman primates on a long-term food regulation study are weighed at least quarterly, instead of weekly. The diet is formulated to ensure that animals receive nutrient levels that meet or exceed the National Research Council's guidelines for NHP nutrition. Food intake and output is monitored twice daily.	Page 31	Scientific
Mice will be exposed to temperatures outside the <i>Guide</i> recommendations (up to 30°C). Although temperatures are outside the regulatory range, they are still within the documented thermoneutral zone for the mouse and are not expected to cause distress.	Page 44	Scientific

2. Exceptions to the *AWAR*: *None*

Section E – Previous Deficiencies & Plans:

The ACUC validated that the plans and schedules for deficiencies noted during the previous NIA program review, and facilities and laboratory inspections were achieved within the time intervals projected on the previous semiannual report.

Section F – Current Deficiencies & Plans:

Deficiencies found *over the past 6 months* during NIA program review, facility inspections, and laboratory inspections, are as follows:

#	Deficiency	¹ M/S	Location	Correction Plan	Responsible Party	Scheduled Completion Date	² Status: C/P
1	Expired supplies	M	Redacted by agreement	Dispose of expired supplies	Facility Manager, PI	10/08/2019	C
2	Secondary containers not labeled with contents/expiry dates	M		Containers labeled and users retrained on proper labeling of secondary containers	Facility Manager, PI	10/08/2019	C
3	Chemical waste carboy not labeled with contents	M		Carboy labeled	Facility Manager	10/08/2019	C
4	Biosafety cabinet blocking access to eyewash bottle	M		Cabinet relocated	Facility Manager	10/08/2019	C
5	Chemical waste containers overdue for collection and disposal	M		Containers collected and replaced	Facility Manager	10/08/2019	C
6	Recapped needles observed in sharps container	M		Container replaced and users retrained on recapping policy	Facility Manager, PI	10/08/2019	C
7	F/AIR cannister labeled with inconsistent weights	M		Cannister discarded and replaced	Facility Manager	10/08/2019	C
8	Rat observed with large skin tag on eye but no health observation card	M		Veterinary staff notified for evaluation	Facility Manager	10/08/2019	C

¹M=Minor; S=Significant

²C=Corrected; P=Pending

Section G – Reportable Events:

PHS Policy (i.e. OLAW) reportable events that occurred in the last 6 months or that are still awaiting final disposition are as follows:

SA First Noted	Description of Event	Status
Fall 2019	An individual combined nine mice from six different cages into a cage designed to hold a maximum of five mice. The cage was marked for euthanasia the next day. The following morning a technician identified two dead mice in the cage and one severely wounded.	Closed

Section H – Shared & Central Facilities:

This semiannual report also encompasses review and oversight of animals and animal activities that were present or occurred in shared or central facilities. Deficiencies were noted and transmitted directly to the facility, and if necessary, to the responsible ACUC. These reviews were conducted as indicated below:

Building	Date	ACUC Members
Redacted by agreement	09/30/2019	Redacted by agreement, Perdue, Redacted by agreement
	09/17/2019	Redacted by agreement

Section I – Minority Report:

There *is not* a minority report filed with this semiannual report.

NIA ACUC Member Signatures:

Redacted by agreement

Jeff Long
ACUC Chair

Redacted by agreement

Redacted by agreement

Kathy Perdue
Attending Veterinarian

Redacted by agreement

Redacted by agreement

Assurance#: A-4149-01

Date: October 31, 2019

Institutional Animal Care & Use Committee Roster

Member Name	Degree/Credentials	Position Title	PHS Policy Membership Role	New Member
Jeff Long	PhD	Principal Investigator	Chair	<input type="checkbox"/>
Kathy Perdue	DVM, DACLAM	Animal Program Director	Attending Veterinarian	<input type="checkbox"/>
Redacted by agreement				<input type="checkbox"/>
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ACUC Chair Mailing Address & Phone #

National Institute on Aging

Redacted by agreement

Attending Vet Phone #

Redacted by agreement

NATIONAL INSTITUTES OF HEALTH
Facilities and Animal Species Inventory Table
Assurance Number: A-4149-01

IC Name: National Institute on Aging

Fall Semiannual Report Submission Date: October 31, 2019

Spring Program Review Date(s):	4/15/19					
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Fall Program Review Date(s):	10/21/19					
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Bldg/Area/Rm	Facility Insp. Date(s) Spring / Fall		AF/SF; Gross Sq. Ft.	Species Housed			Average Daily Inventory		
				¹ Mice	² Rats	³ Rabbits	¹ 19,000	² 900	³ 5
Redacted	3/28/19	9/26/19	Redacted by agreement	⁴ Guinea Pigs	5	6	4 2	5	6
				1	2	3	1	2	3
				4	5	6	4	5	6
				1	2	3	1	2	3
				4	5	6	4	5	6
				1	2	3	1	2	3
				4	5	6	4	5	6
				1	2	3	1	2	3
				4	5	6	4	5	6

Semiannual Report Attachment 3
Supplemental Information
Fall 2019

1. Number of approved Animal Study Proposals (ASPs) as of 31 Oct 2019:

70

2. Performance standards:

The NIA ACUC has approved the following species housed together in the same room: guinea pigs and rats (one room); and mice and rats (one room). The animals are housed such that there is no visible contact between species and the cage changes are scheduled on different days. Additionally, animals are monitored for behavior and there have been no issues indicative of stress.