

SEMIANNUAL REPORT

ANIMAL CARE AND USE  
PROGRAM REVIEW AND FACILITY INSPECTION  
OF THE

*National Institute on Drug Abuse (NIDA)*

October 2019

**Section A – Site Visits & Program Review**

- 1) Inspections of the **NIDA** animal facilities (AF), satellite holding facilities (SF), USDA-defined study areas for regulated species (SA) and areas where any surgical manipulations (Surg) are performed (as applicable) were conducted as indicated below:

Location	Type	Date	ACUC Members
Redacted by agreement	AF, Surg	9/17/2019	Redacted by agreement
	SF	9/17/2019	Hoffman, Redacted by agreement
	AF, SA, Surg	9/18/2019	Redacted by agreement, Hoffman, Redacted by agreement Redacted by agreement Redacted by agreement

- 2) Visits by at least one member of the 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 document(s) was/were used as the basis for review of the animal care and use program:

	Document/Resource:
✓	Guide for the Care & Use of Laboratory Animals, 8 <sup>th</sup> Edition (Guide)
✓	AAALAC Program Description
	OACU “Animal Program Semiannual Assessment Checklist” (1 page summary)
	OACU/OLAW “Semiannual Program Review & Facility Inspection Checklist” (24 pages)
✓	Other documents/resources (please specify) Animal Welfare Act Regulations
✓	AVMA Guidelines for the Euthanasia of Animals: 2013 Edition

A comprehensive review was completed on 10/3/2019.

**Additional Topic Review Dates and Topics:**

Spring Program Review Date(s) & Topics	10/3/2019	Discussion of implementation of changes to the Animal Bite, Scratch, Splash Prevention and Response program.	Discussion of re-training staff on proper documentation of post-surgical observations.	Discussion of facilitating access to originally approved ASP's when reviewing amendments, for non-affiliated ACUC members.	Discussion of PAV logistics.
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- 4) The program review was conducted in the following manner:

Program Review Process	
	Full committee member review for <i>ALL</i> of the review, i.e. the documents/resources listed in A3) are included in the meeting packet and reviewed at a fully 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 they discuss their reviews 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 back to the full committee the results of their designated review
✓	Other, please describe: Subcommittee review. Participation in the subcommittee was offered to all ACUC members. The documents and resources listed in A3 were distributed to subcommittee members. Agenda items were requested for discussion. These were reviewed at the convened meeting. Summary of the program review presented to full ACUC at 10/24/2019 meeting.

### **Section B – Regulatory Compliance:**

Except as noted in Sections F below, the facilities and program are in full compliance with the Public Health Service Policy, the Animal Welfare Act Regulations 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 - ACUC Chair, ACUC Attending Vet, APD, or Program Manager:**

Role (ACUC Chair, ACUC AV, IC APD, or IC Animal Program Manager)	Name	Action (joined or departed)
N/A		

### **3) Animal Facility/Area Changes:**

Facility Type (AF/SF)	Location	Action (opened, closed, under renovation, etc.)
N/A		

### **Section D – Guide Departures & USDA Exceptions:**

Departures from the standards of the *Guide* and exceptions to the USDA *Animal Welfare Act Regulations*, which have been approved by the Animal Care and Use Committee, include the following:

## 1. Departures from the Guide: None

<b>Guide Departures</b>	<b>Guide Departure Citation (page #)</b>	<b>Justification (scientific, veterinary, or animal welfare)</b>

## 2. Exceptions to the AWAR: None

<b>Species</b>	<b># Animals Affected (this Period)</b>	<b>9CFR title/section</b>	<b>Description and Rationale</b>

**Section E – Previous Deficiencies & Plans:**

The committee validated that the plans and schedules for deficiencies noted during the previous NIDA 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 NIDA program review, facility inspections, and laboratory inspections, are as follows:

	Deficiency	<sup>1</sup> M/S	Location	Correction Plan	Responsible Party	Scheduled Completion Date (mm/dd/yy)	<sup>2</sup> Status: C/P
1	Expired (12/2018) Neosporin	M	Redacted by agreement	Discard and re-educate staff on these NIDA expired product policy (policy provided to PI)	PI	10/9/2019	C
2	Expired (02/2018) NaCl bottle with the stopper removed	M		Discard and re-train staff regarding the NIDA expired product policy and the ARAC guidelines on use of preservative-free pharmaceuticals: (policy and guidelines provided)	PI	10/9/2019	C
3	Expired Test Diet food pellets	M		Discard and re-educate staff regarding the NIH Office of Laboratory Animal Welfare	PI	10/3/2019	C

				(OLAW) and NIDA policies of not using expired products. (Policy provided)			
4	Rat chow milling date (3/11/2019), over six months old	M	Redacted by agreement	Discard and re-educate staff on this NIDA policy: food 90 days past milling date is discarded.	PI	10/9/2019	C
5	Expired Lab Diet (4/2018)	M		Discard and re-educate staff regarding the NIH Office of Laboratory Animal Welfare (OLAW) and NIDA policies of not using expired anesthetics or other materials in animals.	PI	10/4/2019	C
6	Expired baby food	M		Discard and re-educate staff regarding the NIH Office of Laboratory Animal Welfare (OLAW) and NIDA policies of not using expired anesthetics or other materials in animals.	PI	10/4/2019	C
7	Flushing solution with gentamycin, with an expiration date written as 12/15.	M		Discard and re-train staff regarding the ARAC guidelines on use of preservative-free pharmaceuticals: (guidelines provided)	PI	10/2/2019	C
8	Expired Wavicide	M		Discard and re-train staff regarding the NIDA expired product policy (policy provided)	PI	10/1/2019	C

9	Expired ketamine solution, prepared 8/6/19	M	Redacted by agreement	Discard and re-train staff regarding the NIDA expired product policy and the ARAC guidelines on use of preservative-free pharmaceuticals: (policy and guidelines provided)	PI	9/27/2019	C
10	No sanitation log in room.	M		Place a binder with log sheets in the room.	PI	10/10/2019	C
11	No sanitation log in room.	M		Place a binder with log sheets in the room.	PI	10/3/2019	C
12	GFCI outlet on north wall is missing cover.	M		Put in a work order to replace.	AC	10/2/2019	C
13	Embedded dirt in floor.	M		Clean with scrubber.	AC	10/3/2019	C
14	Embedded dirt in floor.	M		Clean with scrubber.	AC	10/1/2019	C
15	Dirty and cluttered room. Wires and cables on floor present a tripping hazard as well as an impediment to sanitation.	M		Clean the room, remove wires and other materials from the floor.	PI	10/9/2019	C
16	Dirty and cluttered room. Wires and cables on floor present a tripping hazard as well as an impediment to sanitation.	M		Clean the room, remove wires and other materials from the floor.	PI	10/9/2019	C
17	Excessive number of cardboard boxes on shelves.	M		Remove boxes and if needed, substitute storage containers which can be sanitized.	PI	10/3/2019	C
1	Vacuum	M		This must be	PI	10/4/2019	C



8	without HEPA filter.			taken out of service and vacuum with HEPA filters must be purchased.			
19	Vacuum without HEPA filter.	M	Redacted by agreement	This must be taken out of service and vacuum with HEPA filters must be purchased.	PI	10/4/2019	C
20	Pervious surface on tops of sound-attenuating chambers	M		Replace these with impervious surface materials and re-train personnel regarding the requirements of the Guide	PI	12/15/2019	P
21	Pervious surfaces inside of sound-attenuating chambers	M		Remove or replace these with impervious surface materials and re-train personnel regarding the requirements of the Guide	PI	12/30/2019	P
22	Some post-surgical observation cards are incomplete.	M		Re-educate staff on the NIDA policy on recording post-surgical observations and care	PI	9/30/2019	C
23	Strong mouse odor. Bedding appears to have not been changed recently despite log book entry denoting a change on 9/16/2019.	M		Re-train staff regarding cage change intervals required by the Guide and appropriate record keeping.	PI	9/30/2019	C
24	A needle in the stopper of a flushing solution bottle	M		Discard the bottle and re-train staff to not leave needles in	PI	9/20/2019	C

	in the refrigerator			stoppers.			
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<sup>1</sup>M=minor; S=significant<sup>2</sup>C=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: **[✓] None**

**Section H – Shared & Central Facilities:**

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

Building	Date	ACUC Members

This section does not apply to this IC

**Section I – Minority Report**

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

**NIDA ACUC Member Signatures:**

Redacted by agreement

Redacted by agreement

~~Alex Hoffman, Chair, ACUC~~

Redacted by agreement

Redacted by agreement

~~Kyle Stump, Attending Veterinarian~~

(b)(5)

(Revised - 09/2019)



Assurance#: A-4149-01

Date: October 31, 2019

## Institutional Animal Care &amp; Use Committee Roster

Member Name	Degree/Credentials	Position Title	PHS Policy Membership Role	New Member
Hoffman, Alex	PhD	Staff Scientist	Chair	<input type="checkbox"/>
Stump, Kyle	DVM, DACLAM	Animal Program Director	Attending Veterinarian	<input type="checkbox"/>
Redacted by agreement				<input type="checkbox"/>
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ACUC Chair Mailing Address &amp; Phone #: Alex Hoffman, PhD

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 Drug Abuse

**Spring Semiannual Report Submission Date: April 30, 2019**

Spring Program Review Date(s):	4/4/19					
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Fall Program Review Date(s):	10/3/2019					
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Bldg/Area/Rm	Facility Insp. Date(s) Spring / Fall		AF/SF; Gross Sq. Ft.	Species Housed			Average Daily Inventory		
Redacted by agreement	3/12/19	9/17/2019	8500	<sup>1</sup> Mice	<sup>2</sup> Rats	<sup>3</sup>	<sup>1</sup> 6,343	<sup>2</sup> 367	<sup>3</sup>
				<sup>4</sup>	<sup>5</sup>	<sup>6</sup>	<sup>4</sup>	<sup>5</sup>	<sup>6</sup>
	3/12/19	9/17/2019	296	<sup>1</sup> Mice	<sup>2</sup>	<sup>3</sup>	<sup>1</sup> 29	<sup>2</sup>	<sup>3</sup>
				<sup>4</sup>	<sup>5</sup>	<sup>6</sup>	<sup>4</sup>	<sup>5</sup>	<sup>6</sup>
	3/14/19	9/18/2019	42997	<sup>1</sup> Mice	<sup>2</sup> Rats	<sup>3</sup> Sq. Monkeys	<sup>1</sup> 5,358	<sup>2</sup> 4,368	<sup>3</sup> 60
				<sup>4</sup> Rhesus	<sup>5</sup>	<sup>6</sup>	<sup>4</sup> 4	<sup>5</sup>	<sup>6</sup>
				<sup>1</sup>	<sup>2</sup>	<sup>3</sup>	<sup>1</sup>	<sup>2</sup>	<sup>3</sup>
				<sup>4</sup>	<sup>5</sup>	<sup>6</sup>	<sup>4</sup>	<sup>5</sup>	<sup>6</sup>
				<sup>1</sup>	<sup>2</sup>	<sup>3</sup>	<sup>1</sup>	<sup>2</sup>	<sup>3</sup>
				<sup>4</sup>	<sup>5</sup>	<sup>6</sup>	<sup>4</sup>	<sup>5</sup>	<sup>6</sup>

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

IC Name: Select one --

**Spring Semiannual Report Submission Date: April 30, 2019**

**CONTINUATION PAGE**

Bldg/Area/Rm	Facility Insp. Date(s) Spring / Fall		AF/SF; Gross Sq. Ft.	Species Housed			Average Daily Inventory		
				1	2	3	1	2	3
				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
				1	2	3	1	2	3
				4	5	6	4	5	6

## Semiannual Report Attachment 3 Supplemental Information Fall 2019

**Instructions:** Submit the following information with your Fall 2019 Semiannual Report as a separate file called IC SI F19.

**NOTE: *Guide* Exceptions (IC REP Fall 2019, section D):** a reminder that a new column was added in the spring 2019 cycle asking for the *Guide* citation for Exceptions (*Guide* chapter, section, and page number).

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

Provide the total number of active/approved ASPs as of the 31 October 2019 cutoff date.

NIDA has 133 active/approved ASPs as of 31 October 2019

### **2. Performance standards:**

Provide a description of ACUC approved performance standards. For additional information and examples, see the "Guide Departures & Performance Standards" document developed by OACU.

In the ACUC protocol for NIDA's centralized breeding program, dams with litters < 5 days of age will forgo one weekly cage change so as not to distress the dam, and to avoid cannibalism. Therefore, cage changing may be delayed 7 days, for a maximum of 14 days between cage changes. Cages are monitored daily by animal care staff and changed if excessive moisture and/or feces are present. Fresh chow and water will always be provided.

Cage change frequency for rodents may be extended during a disaster response, as per the ACUC-approved NIDA Animal Facility Emergency and Disaster Response Plan. Animals will be observed daily by animal care staff as conditions permit. As soon as possible, cages will be changed and animal care staff will resume the regular cage changing schedule upon the Animal Program Director's decision that disaster conditions are mitigated.