

SEMIANNUAL REPORT

ANIMAL CARE AND USE
PROGRAM REVIEW AND FACILITY INSPECTION
OF THE
Eunice Kennedy Shriver
National Institute of Child Health and Human Development
October 2019

Section A – Site Visits & Program Review

- 1) Inspections of the **NICHD** 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	13 Sept 2019	Schech, Redacted by agreement.
	AF	06 Sept 2019	Schech, Pfeifer, Redacted by agreement.
	SF	06 Sept 2019	Schech, Pfeifer, Redacted by agreement.
	SF	06 Sept 2019	Schech, Pfeifer, Redacted by agreement.
	AF	16 Sept 2019	Schech, Redacted by agreement.
	SF	16 Sept 2019	Schech, 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 current six months and findings and corrective actions are described in this semiannual report.
- 3) Additionally, the NICHD AAALAC Program Description, the Guide to the Care and Use of Lab Animal Medicine and the Semiannual Review Checklist were used as the basis for review of the animal care and use program.
- 4) The program review was conducted in the following manner: *[check the process that applies]*

	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
X	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:

Section B – Regulatory Compliance:

Except as noted in Section 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** – Dr Schech has left his position as ACUC Attending Vet and APD for the NICHD DIR. Dr Woodward has assumed this responsibility.
- 3) **Animal Facility/Area Changes** None

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:

Guide Departures	Justification (scientific, veterinary, or animal welfare)
Cage Size Allowance/Multiple Litters per Cage	Veterinary

2. Exceptions to the AWAR: None

Section E – Previous Deficiencies & Plans:

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

	Deficiency	¹ M/S	Location	Correction Plan	Responsible Party	Scheduled Completion Date (mm/dd/yy)	² Status : C/P
1	Multiple cages past d21 wean date	M	Redacted by agreement	Provide more manpower for weaning	Redacted by agreement	20 Sept 2019	C
2	Electrical outlet on ceiling needs caulking	M		Reseal outlet		15 Nov 2019	C
3	Isoflurane canister not regularly weighed	M		Set up regular weight schedule with sheet		20 Sept 2019	C
4	Safety shower inspection out of date	M		Schedule OMS inspection		15 Nov 2019	C
5	Chemical waste not labeled with date	M		Properly label container		12 Nov 2019	C
6	Incubator port gap & multiple extension cords linked together	M		Place seals around gaps, replace extension cord		15 Nov 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:

May 2019 - Cage without feed, mice found dead after long weekend. Resolved

Sept 2019 – Above average die off in zebrafish facility.

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
Redacted by agreement	01 Oct 2019	Schech Redacted by agreement
	20 Sept 2019	Schech
	20 Sept 2019	Schech

Section I – Minority Report

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

Redacted by agreement.

Redacted by agreement, alt chair

Redacted by agreement.

Joseph Mat Schech, attending vet, APD

Ruth Woodward, alt attending vet

Redacted by agreement.

October 31, 2019

Assurance#: A-4149-01

Date: _____

Institutional Animal Care & Use Committee Roster

Member Name	Degree/Credentials	Position Title	PHS Policy Membership Role	New Member
Karl Pfeifer	PhD	Staff Scientist	Chair	<input type="checkbox"/>
Joseph Mat Schech	DVM, DACLAM	Animal Program Director	Attending Veterinarian	<input type="checkbox"/>
Redacted by agreement.				<input type="checkbox"/>
				<input type="checkbox"/>
Ruth Woodward		Facility Veterinarian	Alternate Veterinarian	<input type="checkbox"/>
Redacted by agreement.				<input type="checkbox"/>
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ACUC Chair Mailing Address & Phone #:

Redacted by agreement.

Redacted by agreement.

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

IC Name: National Institute of Child Health and Human Development

Fall Semiannual Report Submission Date: October 31, 2019

Spring Program Review Date(s):	4/17/19					
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Fall Program Review Date(s):	10/16/2019					
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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.	2/26/2019	9/13/2019	AF 27131	¹ Mouse	² Rat	³ Cavefish	¹ 32,246	² 270	³ 222
				⁴	⁵	⁶	⁴	⁵	⁶
	2/28/2019	9/6/2019	AF 9369	¹ Zebrafish	²	³	¹ 159,092	²	³
				⁴	⁵	⁶	⁴	⁵	⁶
	2/28/2019	9/6/2019	SF 70	¹ Zebrafish	²	³	¹ 1,587	²	³
				⁴	⁵	⁶	⁴	⁵	⁶
	4/23/2019	9/6/2019	SF 36	¹ Zebrafish larva	²	³	¹ 2,019	²	³
				⁴	⁵	⁶	⁴	⁵	⁶
	4/2/2019	9/16/2019	AF 1985	¹ Mouse	² Cavefish	³ X. laevis	¹ 1,716	² 92	³ 125
				⁴	⁵	⁶	⁴	⁵	⁶

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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
Redacted by agreement	4/2/2019	9/16/2019	SF 242.05	X. tropicalis			1,719		
				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.

62 active ASPs

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.

Cage Size Allowance/Multiple Litters per Cage: The IC ACUC has approved a “Fourteen Heads – Fourteen Days” policy as an engineering standard. On day fourteen postpartum the maximum number of animals permitted per cage is fourteen. This includes the three adults (one male, two females) and up to eleven pups whose birth dates are not more than 7 days apart. Separation of the litter on day fifteen, rather than at an earlier date is facilitated by the fact that by fourteen days postpartum most pups are supplementing their milk diet with solid food. Therefore, if one of the dams is a poor milk producer, the negative impact of separating the litter and placing some of the pups solely with the poorly lactating female is minimized. (reference: *Guide*, p. 56-57)