

Memorandum to: **ORS 192.345(30) OHSU**

From: West Campus Institutional Animal Care and Use Committee

Subject: Semiannual Report of the Program Review and Facility Inspection

Date: February 15, 2022 Covering July 1, through Dec 31, 2021

This report summarizes the West Campus (WC) IACUC's results of its most recent program review and facility inspection, as required by the Public Health Service (PHS) Policy on Humane Care and Use of Laboratory Animals (Policy), Section IV.B.1.-3., the *Guide for the Care and Use of Laboratory Animals* (Guide), and the Animal Welfare Act (AWA) regulations, as applicable. Submission of semiannual reports to the Institutional Official is a condition of this institution's Animal Welfare Assurance with the NIH Office of Laboratory Animal Welfare (OLAW).

Since the last review, the following changes have occurred in the institution's program for animal care and use (PHS Policy IV.A.1.a-i):

During Modified Operations instituted as a result of the pandemic, the following temporary changes have occurred:

1. OLAW reviewed and approved our institution's request for a temporary waiver of Section IV.B.2. of the PHS Policy regarding the inspection, at least once every six months, of our institution's animal facilities (including satellite facilities). OLAW expects our IACUC to complete inspections of animal facilities that were postponed and schedule subsequent inspections to occur at 6-month intervals following the first resumed inspections.
2. The IACUC has conducted its monthly meetings virtually since March 2020.
3. The IACUC office obtained virtual signatures of members present at the February 2022 IACUC meeting for the semiannual Report to the IO.

**The following changes in IACUC membership have occurred:**

- New: **ORS 192.345(30)**
- Removed: **ORS 192.345(30)**

**I. Description of the Nature and Extent of the Institution's Adherence to the PHS Policy, the *Guide*, and the Animal Welfare Act (AWA)**

Departures from the Public Health Service (PHS) Policy, the *Guide*, and the AWA.

Select A or B:

☐ A. There were no new departures during this reporting period.

- Tunnel for dams & infants combined with delayed movement exception  
The IACUC approved the following exceptions to the AWR guidance regarding floor space in the following situations:  
1) When housed with one or more adults, infants over 180 days, but under 1.75 kg. may remain in cages appropriate for infants under 180 days of age for a maximum of 6 weeks in order to minimize the total number of animals required to be relocated, and the number of relocations per animal.  
And/or  
2) A pair of dams (each under 10 kg) and infants (180-365 days of age and under 3kg) may be housed in cages with floor area of 12.5 sq ft if they have access to a tunnel in order to 1) facilitate infants being socially housed with same-age playmates, 2) allow

dams to remain paired with another adult through weaning; 3) to allow infants additional volume of play space and increased visual contact with other animals in the room; and 4) to minimize the total number of animals required to be relocated, and the number of relocations per animal. This housing would only be used in situations in which monkeys would need to undergo excessive relocations in order to maintain the pairs.

☒ B. The following departure has been reviewed and approved by the IACUC during this reporting period:

- These are ongoing exceptions that were renewed.
- Humidity monitoring exception memo  
The IACUC approved two exceptions to the guidelines for an allowable range of relative humidity:  
The first exception was requested to allow humidity to be maintained within  $\pm 10\%$  of guideline of 30-70%. This request was based on a performance standard indicating a stable range of 40-70% relative humidity has been maintained in indoor NHP facilities with excursions of no more than 10% and for short durations. No adverse effects on the animals have been observed.  
Next, although the typical frequency and duration of humidity levels exceeding 70% are considered “infrequent” and “of short duration”, and therefore within NRC (2011) guidelines, atypical weather patterns could result in more frequent and longer duration episodes. Therefore the second exception request is based on the fact that all facilities at ONPRC are designed exclusively for NHPs, and these NHPs are generally regarded as acclimated to higher humidity (NRC 2011). Determination of acclimation is based on the higher relative humidity typical of this region and the outdoor breeding colonies from which many indoor NHPs originated, and that no adverse effects on health or wellbeing have been noted from humidity exceeding 70% for any NHPs during daily observations.

Unrelated to request

II. Deficiencies in the Institution's Animal Care and Use Program Animal Care and Use Program Review Date(s):

Program Review	West Campus	Attendance
Institutional Policies & Responsibilities	11/16/2021	11 members
Veterinary Care	12/21/2021	12 members

Select A or B:

- ☒ A. There were no deficiencies in the program during this reporting period.  
☐ B. The following deficiencies have been identified:

III. Deficiencies in the Institution's Animal Facility

Animal Facility Inspection Date(s): See below

Select A or B:

- ☐ A. There were no deficiencies in the animal facility during this reporting period.  
☒ B. The following deficiencies have been identified: *See below.*

#### IV. Minority Views

Select A or B:

- ☒ A. No minority views were submitted or expressed.  
☐ B. The following minority views were expressed:

#### V. Status of AAALAC Accreditation

All of the OHSU West Campus animal care and use program and animal facilities remain accredited by the Association for Assessment and Accreditation of Laboratory Animal Care International (AAALAC).

#### VI. The Semiannual Program Review Report to the Institutional Official includes minutes of all IACUC meetings during the review period.

##### Summary of WC IACUC Semiannual Facility Inspections

On the dates listed below, 9 committee members (including alternates) conducted inspections of locations within OHSU's WC animal facilities, including satellite facilities. Laboratory locations where live animals are used were also inspected.

A total of 174 rooms in animal facilities and laboratories where live animals are used or housed were inspected.

Building	Date(s) of Inspection	Number of rooms/labs inspected
ORS 192.345(30) OHSU Medical Researcher	11/19/2021	50
	-	
	-	
	11/5/2021	56
	-	
	11/19/2021	29
	11/30/2021	13
	11/30/2021	35
	12/2/2021	28
	10/4/2021	1
	12/7/2021	1
	-	
	-	
	-	

SIGNIFICANT DEFICIENCIES: *None identified*

MINOR DEFICIENCIES: *Listed below.*

### Cleaning

Reference: "Cleaning and Disinfection of the Macroenvironment All components of the animal facility, including animal rooms and support spaces (e.g., storage areas, ...-washing facilities, corridors, and procedure rooms) should be regularly cleaned and disinfected as appropriate to the circumstances and at a frequency based on the use of the area and the nature of likely contamination" Guide, p. 72.

Building	Room	Date Inspected	Responsible Party (PI / DCM)	Minor or Significant and Repeat	Status / Correction Schedule	Date Complete	Deficiency Found & Remediation	
ORS 192.345(30) OHSU Medical Researcher		11/5/2021	PI	m	WC692866	11/6/2021	Dirty chamber	Chamber cleaned
		11/5/2021	ARRS	m	11/5/2021	11/5/2021	Improper cleaner storage	Cleaner moved
		11/5/2021	ARRS	m	11/5/2021	11/8/2021	Pill crusher dirty	Cleaned
		11/30/2021	ARRS	m	12/14/2021	12/7/2021	Mold issue in back	Cleaned
		12/7/2021	ARRS	m	WR345230	12/10/2021	Lights dirty	Lights cleaned
		12/7/2021	ARRS	m	1/31/2022	1/31/2022	Cobwebs noted Routine cleaning schedule established	
		12/7/2021	ARRS	m	1/31/2022	1/31/2022		

### Expired Drugs

- Reference: "Agents that provide anesthesia and analgesia must be used before their expiration date and should be acquired, stored and their use recorded, and disposed of legally and safely." Guide, p. 122

Building	Room	Date Inspected	Responsible Party (PI / DCM)	Minor or Significant and Repeat	Status / Correction Schedule	Date Complete	Deficiency Found & Remediation
ORS 192.345(30) OHSU Medical Researcher		11/19/2021	ARRS	m	11/19/2021	11/19/2021	Expired drugs found, Drugs disposed
		12/7/2021	ARRS	m	12/15/2021	12/8/2021	

### Expired Materials

- Reference: "Agents that provide anesthesia and analgesia must be used before their expiration date and should be acquired, stored and their use recorded, and disposed of legally and safely." Guide, p. 122

Building	Room	Date Inspected	Responsible Party (PI / DCM)	Minor or Significant and Repeat	Status / Correction Schedule	Date Complete	Deficiency Found & Remediation
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ORS 192.345(30) OHSU Medical Researcher	11/5/2021	PI	m	11/5/2021	11/5/2021	Expired agent	Agent removed
	11/5/2021	ARRS	m	11/5/2021	11/5/2021	Expired blood tubes	Tubes disposed
	11/5/2021	ARRS	m	11/5/2021	11/5/2021	Expired blood tubes	Tubes disposed

#### Facility Repair

- Reference: "A well-planned, well-designed, well-constructed, properly maintained and managed facility is an important element of humane animal care and use as it facilitates efficient, economical, and safe operation." Guide, p.133.

Building	Room	Date Inspected	Responsible Party (PI / DCM)	Minor or Significant and Repeat	Status / Correction Schedule	Date Complete	Deficiency Found & Remediation
Unrelated to request							

**Food/Water**

- Reference: "The user should know the date of manufacture and other factors that affect the food's shelf life. Stale food or food transported and stored inappropriately can become deficient in nutrients." Guide p. 66;

"Watering devices, such as drinking tubes and automated water delivery systems, should be checked frequently to ensure appropriate maintenance, cleanliness, and operation." Guide p68.

Building	Room	Date Inspected	Responsible Party (PI / DCM)	Minor or Significant and Repeat	Status / Correction Schedule	Date Complete	Deficiency Found & Remediation	
ORS 192.345(30) OHSU Medical Researcher		11/5/2021	ARRS	m	11/5/2021	11/5/2021	Food residue	Residue removed
		11/5/2021	ARRS	m	11/5/2021	11/5/2021	Expired honey	Honey removed
		11/19/2021	ARRS	m	11/19/2021	11/19/2021	Food or pallets too close to wall. Food and pallets adjusted.	
		12/7/2021	ARRS	m	12/15/2021	12/8/2021		

**Occupational Health & Safety: Physical Hazards**

- Reference: "Other potential hazards - such as....wet floors, cage washers and other equipment, lifting, latter use...- that are inherent in or intrinsic to animal use should be identified and evaluated." Guide, p. 18

Building	Room	Date Inspected	Responsible Party (PI / DCM)	Minor or Significant and Repeat	Status / Correction Schedule	Date Complete	Deficiency Found & Remediation
Unrelated to request							
ORS 192.345(30) OHSU Medical Researcher		11/19/2021	ARRS	m	3/1/2022	Pending	Slippery floor. Staff aware, pressure washing planned
		11/19/2021	ARRS	m	3/1/2022	Pending	
		12/7/2021	ARRS	m	12/7/2021	12/7/2021	Chain not covered on swing. New chain cover installed.
		12/7/2021	ARRS	m	12/7/2021	12/8/2021	

### Unsanitizable Materials

- Reference: "...surfaces should be constructed of materials that are monolithic and impervious to moisture." Guide, p. 144, 145.  
"Facility features applicable to all hazards include isolation of the animals and their waste, provision of sealed monolithic room surfaces that do not promote dust accumulation and are easy to sanitize...." Guide, P. 148-149

Building	Room	Date Inspected	Responsible Party (PI / DCM)	Minor or Significant and Repeat	Status / Correction Schedule	Date Complete	Deficiency Found & Remediation
Unrelated to request							





ORS 192.345(30)

Vice President, Research Administration  
Oregon Health & Science University  
3181 SW Sam Jackson Park Road, Mail code: L335  
Portland, OR 97239-3098

Re: Addendum to West Campus Semiannual Program Review & Facilities inspection (July-Dec 2021)

Dr. Director,

Please find this update regarding an entry in Occupational Health & Safety section of the Semiannual Report covering July through December 2021.

Entries regarding ORS 192.345(30) OHSU as noted by email, and list entry from ARRS managers “slippery floor. Staff aware, pressure washing planned” has been updated since the IACUC signed off. Those dates include:

	7/28/21
	11/20/21
OR 192.34 OH Medi Resea	: 11/10/21
	: 10/1/21
	: 12/16/21

The area lead checked all the floors yesterday [3/16/22] and they are not currently slick.

The IACUC will continue to follow this finding in the subsequent inspection. It was also noted that ARRS has slowly been working through the replacement of flooring in all the areas as space and funding allows.

Thank you,

IACUC Office



DEPARTMENT OF HEALTH &amp; HUMAN SERVICES

PUBLIC HEALTH SERVICE  
NATIONAL INSTITUTES OF HEALTHFOR US POSTAL SERVICE DELIVERY:

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Suite 2500, MSC 6910  
Bethesda, Maryland 20892-7982

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The NIH Office of Laboratory Animal Welfare (OLAW) is deeply concerned about the impact of the expanding outbreak of the respiratory illness known as COVID-19 on the ability of Assured institutions to maintain an animal care and use program in complete accordance with the Public Health Service (PHS) Policy on Humane Care and Use of Laboratory Animals (Policy).

OLAW recognizes that as the novel coronavirus outbreak continues, it becomes increasingly difficult for Assured Institutions to adhere to provisions of the PHS Policy, the *Guide for the Care and Use of Laboratory Animals (Guide)*, and the commitments detailed in their Animal Welfare Assurance. In accordance with PHS Policy Section V.D., OLAW has reviewed and approved your institution's request for a temporary waiver of Section IV.B.2. of the PHS Policy regarding the inspection, at least once every six months, of your institution's animal facilities (including satellite facilities). OLAW expects your IACUC to complete inspections of your animal facilities that were postponed and schedule the next inspections within 6 months.

If OLAW can be of further assistance, please contact [olawdpe@mail.nih.gov](mailto:olawdpe@mail.nih.gov).

Sincerely,

*Patricia A. Brown*

Patricia A. Brown, VMD, MS, DACLAM  
Director, Office of Laboratory Animal Welfare,

**Signatures** [*signatures of a majority of the IACUC members required by AWAR (§2.31,c,3), if applicable*]

**Names of IACUC Members**

**Signature**

ORS 192.345(30) OHSU Medical Researcher

These signatures contributed to the quorum.

West Campus IACUC  
Semiannual Facilities Inspection and Program Review  
February 15, 2022

20211206

# Redaction Log

Reason	Page (# of occurrences)	Description
ORS 192.345(30) OHSU Medical Researcher	1 (3) 3 (1) 5 (2) 6 (1) 7 (2) 9 (3) 11 (1)	OHSU faculty and employee animal worker exemption.
Unrelated to request	2 (1) 6 (1) 7 (1) 8 (1)	Unrelated to request.