

VIII. Membership of the IACUC

Date: October 28, 2019			
Name of Institution: California State University, Los Angeles			
Assurance Number: D16-00218 (A3337-01)			
IACUC Chairperson			
Name*: Robert Nissen			
Title*: Professor of Biological Sciences		Degree/Credentials*: Ph.D.	
Address*: 5151 State University Drive BS 140 Los Angeles, CA 90032			
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Phone*: (b) (6)		Fax*:	
IACUC Roster			
Name of Member/ Code**	Degree/ Credentials	Position Title***	PHS Policy Membership Requirements****
(b) (6)			Non-voting
			Scientist
			Nonscientist
			Nonaffiliated
			Nonscientist
			Veterinarian
			Scientist
			Non-voting
			Non-voting

* 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:

- | | |
|----------------------|---|
| <i>Veterinarian</i> | 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. |
| <i>Scientist</i> | practicing scientist experienced in research involving animals. |
| <i>Nonscientist</i> | member whose primary concerns are in a nonscientific area (e.g., ethicist, lawyer, member of the clergy). |
| <i>Nonaffiliated</i> | 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

[illegible]

*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.

Program Review and Facility Inspection



OFFICE MEMORANDUM

Date: May 14, 2019

To: S. Jeffrey Underwood, Institutional Official

From: Robert Nissen, Institutional Animal Care and Use Committee Chair

Subject: Semiannual Report of the Program and Facility Inspection

This report summarizes the IACUC's most recent program review and facility inspection, as required by the Public Health Service (PHS) Policy on Humane Care and Use of Laboratory Animals, Section IV.B.1.-3., the *Guide for the Care and Use of Laboratory Animals*, 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.):

I. Description of the Nature and Extent of the Institution's Adherence to the PHS Policy, the Guide, and the AWA.

Departures from the PHS Policy, the *Guide*, and the AWA.

There were no departures during this reporting period.

II. Deficiencies in the Institution's Animal Care and Use Program

Animal Care and Use Program Review Date: **May 1, 2019**

Committee members discussed and evaluated the Program following the Guide for the Care and Use of Laboratory Animals recommended by Public Health Service (PHS) Policy on Humane Care and Use of Laboratory Animals (Policy) and adapted for use at Cal State LA.

The committee did not find any changes to the Program.

III. Deficiencies in the Institution's Animal Facility

Animal Facility Inspection Date: **May 1, 2019**

No deficiencies have been identified: (see attached)

IV. Minority Views

No minority views were submitted or expressed.

V. Status of AAALAC Accreditation

N/A

VI. Signatures

The signatures of the IACUC members who participated in this inspection are provided on the next page.

ACTION:

Approved

(b) (6)

SIGNED:

[Redacted Signature]

DATE:

14 MAY 2019


California State University, Los Angeles

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

MEMBERSHIP FOR 2018-19

Facility Inspection

Status	Name	Signature
		(b) (6)
(NV)		
(S)		
(NS, Nonaffiliated)		
(NS)		
(NS)		
(Vet)		
(S)	Robert Nissen	(b) (6)
(NV)		(b) (6)
(NV)		
(Student)		

Guests		

California State University, Los Angeles
Semiannual Program Review and Facility Inspection
May 1, 2019

I. Semiannual Program Review Checklist

Institutional Policies and Responsibilities

Date: 05/01/2019

1. Animal Care and Use Program	A*	M	S	C	NA
• Responsibility for animal well-being is assumed by all members of the program (<i>Guide, p 1</i>)	X				
• IO has authority to allocate needed resources (<i>Guide, p 13</i>)	X				
• Resources necessary to manage program of veterinary care are provided (<i>Guide, p 14</i>)	X				
• Sufficient resources are available to manage the program, including training of personnel in accord with regulations and the <i>Guide</i> (<i>Guide, pp 11, 15</i>)	X				
• Program needs are regularly communicated to IO by AV and/or IACUC (<i>Guide, p 13</i>)	X				
• Responsibilities for daily animal care and facility management are assigned to specific individual(s) when a full-time veterinarian is not available on site (<i>Guide, p 14</i>)	X				
• Inter-institutional collaborations are described in formal written agreements (<i>Guide, p 15</i>)	X				
• Written agreements address responsibilities, animal ownership, and IACUC oversight (<i>Guide, p 15</i>)	X				
2. Disaster Planning and Emergency Preparedness	A*	M	S	C	NA
• Disaster plans for each facility to include satellite locations are in place (<i>Guide, p 35, p 75</i>)	X				
• Plans include provisions for euthanasia (<i>Guide, p 35</i>)	X				
• Plans include triage plans to meet institutional and investigators' needs (<i>Guide, p 35</i>)	X				
• Plans define actions to prevent animal injury or death due to HVAC or other failures (<i>Guide, p 35</i>)	X				
• Plans describe preservation of critical or irreplaceable animals (<i>Guide, p 35</i>)	X				
• Plans include essential personnel and their training (<i>Guide, p 35</i>)	X				
• Animal facility plans are approved by the institution and incorporated into overall response plan (<i>Guide, p 35</i>)	X				
• Law enforcement and emergency personnel are provided a copy and integration with overall plan is in place (<i>Guide, p 35</i>)	X				
3. IACUC	A*	M	S	C	NA
• Meets as necessary to fulfill responsibilities (<i>Guide, p 25</i>)	X				
• IACUC Members named in protocols or with conflicts recuse themselves from protocol decisions (<i>Guide, p 26</i>)	X				
• Continuing IACUC oversight after initial protocol approval is in place (<i>Guide, p 33</i>)	X				
• IACUC evaluates the effectiveness of training programs (<i>Guide, p 15</i>)	X				
4. IACUC Protocol Review - Special Considerations	A*	M	S	C	NA
• Humane endpoints are established for studies that involve tumor models, infectious diseases, vaccine challenge, pain modeling, trauma, production of monoclonal antibodies, assessment of toxicologic effects, organ or system failure, and models of cardiovascular shock (<i>Guide, p 27</i>)	X				
• For pilot studies, a system to communicate with the IACUC is in place (<i>Guide, p 28</i>)	X				
• For genetically modified animals, enhanced monitoring and reporting is in place (<i>Guide, p 28</i>)	X				
• Restraint devices are justified in the animal use protocols (<i>Guide, p 29</i>)	X				
• Alternatives to physical restraint are considered (<i>Guide, p 29</i>)	X				
• Period of restraint is the minimum to meet scientific objectives (<i>Guide, p 29</i>)	X				

• Training of animals to adapt to restraint is provided (<i>Guide, p 29</i>)	X				
• Animals that fail to adapt are removed from study (<i>Guide, p 29</i>)	X				
• Appropriate observation intervals of restrained animals are provided (<i>Guide, p 29</i>)	X				
• Veterinary care is provided if lesions or illness result from restraint (<i>Guide, p 30</i>)	X				
• Explanations of purpose and duration of restraint are provided to study personnel (<i>Guide, p 30</i>)	X				
• Multiple surgical procedures on a single animal are justified and outcomes evaluated (<i>Guide, p 30</i>)	X				
• Major versus minor surgical procedures are evaluated on a case-by-case basis (<i>Guide, p 30</i>)	X				
• Multiple survival procedure justifications in non-regulated species conform to regulated species standards (<i>Guide, p 30</i>)	X				
• Animals on food/fluid restriction are monitored to ensure nutritional needs are met (<i>Guide, p 31</i>)	X				
• Body weights for food/fluid restricted animals are recorded at least weekly (<i>Guide, p 31</i>)	X				
• Daily written records are maintained for food/fluid restricted animals (<i>Guide, p 31</i>)	X				
• Pharmaceutical grade chemicals are used, when available, for animal-related procedures (<i>Guide, p 31</i>)	X				
• Non-pharmaceutical grade chemicals are described, justified, and approved by IACUC (<i>Guide, p 31</i>)	X				
• Investigators conducting field studies know zoonotic diseases, safety issues, laws and regulations applicable in study area (<i>Guide, p 32</i>)	X				
• Disposition plans are considered for species removed from the wild (<i>Guide, p 32</i>)	X				
• Toe-clipping only used when no alternative, performed aseptically and with pain relief (<i>Guide, p 75</i>)	X				

5. IACUC Membership and Functions

	A*	M	S	C	NA
• IACUC is comprised of at least 5 members, appointed by CEO (PHS Policy, <i>IV.A.3.</i>)	X				
• Members include a veterinarian, a scientist, a nonscientist, and a nonaffiliated non-lab animal user (<i>Guide, p 24</i>) ⁱⁱ	X				
• IACUC authority and resources for oversight and evaluation of institution's program are provided (<i>Guide, p 14</i>)	X				
• IACUC conducts semiannual evaluations of institutional animal care and use program (PHS Policy, <i>IV.B.</i>)	X				
• Conducts semiannual inspections of institutional animal facilities (PHS Policy, <i>IV.B.</i>)	X				
• IACUC organizationally reports to the Institutional Official (PHS Policy, <i>IV.A.1.b.</i>)	X				
• Methods for reporting and investigating animal welfare concerns are in place (<i>Guide, p 23</i>)	X				
• Reviews and investigates concerns about animal care and use at institution ⁱⁱⁱ (PHS Policy, <i>IV.B.</i>)	X				
• Procedures are in place for review, approval, and suspension of animal activities ^{iv} (PHS Policy, <i>IV.B.</i>)	X				
• Procedures are in place for review and approval of significant changes to approved activities (PHS Policy, <i>IV.B.</i>)	X				
• Policies are in place for special procedures (e.g., genetically modified animals, restraint, multiple survival surgery, food and fluid regulation, field investigations, agricultural animals) (<i>Guide, p 27-32</i>)	X				
• Requests for exemptions from major survival surgical procedure restrictions are made to USDA/APHIS ^v (<i>Guide, p 30</i>)	X				

6. IACUC Training

	A*	M	S	C	NA
• All IACUC members should receive:					
◦ Formal orientation to institution's program (<i>Guide, p 17</i>)	X				
◦ Training on legislation, regulations, guidelines, and policies (<i>Guide, p 17</i>)	X				
◦ Training on how to inspect facilities and labs where animal use or housing occurs (<i>Guide, p 17</i>)	X				
◦ Training on how to review protocols as well as evaluate the program (<i>Guide, p 17</i>)	X				
◦ Ongoing training/education (<i>Guide, p 17</i>)	X				

7. IACUC Records and Reporting Requirements^{vi}

	A*	M	S	C	NA
• Semiannual report to the IO (PHS Policy, IV.B.)					
◦ Submitted to IO every 6 months	X				
◦ Compiles program review and facility inspection(s) results (includes all program and facility deficiencies)	X				
◦ Includes minority IACUC views	X				
◦ Describes IACUC-approved departures from the <i>Guide</i> or PHS Policy and the reasons for each departure ^{vi}	X				
◦ Distinguishes significant from minor deficiencies	X				
◦ Includes a plan and schedule for correction for each deficiency identified ^{vii}	X				
• Reports to OLAW (PHS Policy, IV.F.)					
◦ Annual report to OLAW documents program changes, dates of the semiannual program reviews and facility inspections and includes any minority views	X				
◦ Promptly advises OLAW of serious/ongoing <i>Guide</i> deviations or PHS Policy noncompliance (NOT-OD-05-034)	X				
◦ Institute must promptly advise OLAW of any suspension of an animal activity by the IACUC (NOT-OD-05-034)	X				
• Reports to U.S. Department of Agriculture (USDA) or Federal funding agency ^x					
◦ Annual report to USDA contains required information including all exceptions/exemptions	X				
◦ Reporting mechanism to USDA is in place for IACUC-approved exceptions to the regulations and standards	X				
◦ Reports are filed within 15 days for failures to adhere to timetable for correction of significant deficiencies	X				
◦ Promptly reports suspensions of activities by the IACUC to USDA and any Federal funding agency	X				
• Records (PHS Policy, IV.E.)					
◦ IACUC meeting minutes and semiannual reports to the IO are maintained for 3 years	X				
◦ Records of IACUC reviews of animal activities include all required information ^x	X				
◦ Records of IACUC reviews are maintained for 3 years after the completion of the study	X				

8. Veterinary Care (See also next section - Veterinary Care)

	A*	M	S	C	NA
• An arrangement for veterinarian(s) with training or experience in lab animal medicine is in place including backup veterinary care ^{xi}	X				
• Veterinary access to all animals is provided (<i>Guide</i> , p 14)	X				
• Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use (<i>Guide</i> , p 14)	X				
• Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol (<i>Guide</i> , p 5)	X				
• Veterinarian provides consultation when interventional control is not possible (<i>Guide</i> , p 5)	X				
• If part time /consulting veterinarian, visits meet programmatic needs (<i>Guide</i> , p 14)	X				
• Regular communication occurs between veterinarian and IACUC (<i>Guide</i> , p 14)	X				
• Veterinarian(s) have experience and training in species used (<i>Guide</i> , p 15)	X				
• Veterinarian(s) have experience in facility administration/management (<i>Guide</i> , p 15)	X				

9. Personnel Qualifications and Training

	A*	M	S	C	NA
• All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included:					
◦ Veterinary/other professional staff (<i>Guide</i> , p 15-16)	X				
◦ IACUC members (<i>Guide</i> , p 17)	X				
◦ Animal care personnel (<i>Guide</i> , p 16)	X				
◦ Research investigators, instructors, technicians, trainees, and students (<i>Guide</i> , pp 16-17)	X				
• Continuing education for program and research staff provided to ensure high quality care and reinforce training (<i>Guide</i> , pp 16-17)	X				
• Training is available prior to starting animal activity (<i>Guide</i> , p 17)	X				

• Training is documented (<i>Guide, p 15</i>)	X				
• Training program content includes: (<i>Guide, p 17</i>)					
◦ Methods for reporting concerns (<i>Guide, p 17</i>)	X				
◦ Humane practices of animal care (e.g., housing, husbandry, handling) ^{xii}	X				
◦ Humane practices of animal use (e.g., research procedures, use of anesthesia, pre- and post-operative care, aseptic surgical techniques and euthanasia (<i>Guide, p 17</i>) ^{xiii}	X				
◦ Research/testing methods that minimize numbers necessary to obtain valid results (PHS Policy, <i>IV.A.1.g.</i>)	X				
◦ Research/testing methods that minimize animal pain or distress (PHS Policy, <i>IV.A.1.g.</i>)	X				
◦ Use of hazardous agents, including access to OSHA chemical hazard notices where applicable (<i>Guide, p 20</i>)	X				
◦ Animal care and use legislation (<i>Guide, p 17</i>)	X				
◦ IACUC function (<i>Guide, p 17</i>)	X				
◦ Ethics of animal use and Three R's (<i>Guide, p 17</i>)	X				

10. Occupational Health and Safety of Personnel A* M S C NA

• Program is in place and is consistent with federal, state, and local regulations (<i>Guide, p 17</i>)	X				
• Program covers <i>all</i> personnel who work in laboratory animal facilities (<i>Guide, p 18</i>)	X				
• Changing, washing, and showering facilities are available as appropriate (<i>Guide, p 19</i>)	X				
• Hazardous facilities are separated from other areas and identified as limited access (<i>Guide, p 19</i>)	X				
• Personnel training is provided based on risk (e.g., zoonoses, hazards, personal hygiene, special precautions, animal allergies) (<i>Guide, p 20</i>)	X				
• Personal hygiene procedures are in place (e.g., work clothing, eating/drinking/smoking policies) (<i>Guide, p 20</i>)	X				
• Procedures for use, storage, and disposal of hazardous biologic, chemical, and physical agents are in place (<i>Guide, p 21</i>)	X				
• Personal Protective Equipment for the work area is appropriate and available (<i>Guide, p 21</i>)	X				
• Program for medical evaluation and preventive medicine for personnel includes:					
◦ Pre-employment evaluation including health history (<i>Guide, p 22</i>)	X				
◦ Immunizations as appropriate (e.g., rabies, tetanus) and tests as appropriate (<i>Guide, p 22</i>)	X				
◦ Zoonosis surveillance as appropriate (e.g., Q-fever, tularemia, Hantavirus, plague) (<i>Guide, p 23</i>)	X				
◦ Procedures for reporting and treating injuries, including accidents, bites, allergies, etc. (<i>Guide, p 23</i>)	X				
◦ Promotes early diagnosis of allergies including preexisting conditions (<i>Guide, p 22</i>)	X				
◦ Considers confidentiality and other legal factors as required by federal, state and local regulations (<i>Guide, p 22</i>)	X				
◦ If serum samples are collected, the purpose is consistent with federal and state laws (<i>Guide, p 22</i>)	X				
• Waste anesthetic gases are scavenged (<i>Guide, p 21</i>)	X				
• Hearing protection is provided in high noise areas (<i>Guide, p 22</i>)	X				
• Respiratory protection is available when performing airborne particulate work (<i>Guide, p 22</i>)	X				
• Occupational safety and health of field studies is reviewed by OSH committee or office (<i>Guide, p 32</i>)	X				

11. Personnel Security A* M S C NA

• Preventive measures in place include pre-employment screening, and physical and IT security (<i>Guide, p 23</i>)	X				
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12. Investigating & Reporting Animal Welfare Concerns A* M S C NA

• Methods for investigating and reporting animal welfare concerns are established (<i>Guide, p 23</i>)	X				
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• Reported concerns and corrective actions are documented (Guide, p 24)	X				
• Mechanisms for reporting concerns are posted in facility and at applicable website with instructions (Guide, p 24)	X				
◦ Includes multiple contacts (Guide, p 24)	X				
◦ Includes anonymity, whistle blower policy, nondiscrimination and reprisal protection (Guide, p 24)	X				

* **A** = acceptable

M = minor deficiency

S = significant deficiency (is or may be a threat to animal health or safety)

C = change in program (PHS Policy [IV.A.1.a.-i.](#)) (include in semiannual report to IO and in annual report to OLAW)

NA = not applicable

NOTES:

Veterinary Care

Date: 05/01/2019

1. Clinical Care and Management

	A*	M	S	C	NA
• Veterinary program offers high quality of care and ethical standards (<i>Guide, p 105</i>)	X				
• Veterinarian provides guidance to all personnel to ensure appropriate husbandry, handling, treatment, anesthesia, analgesia, and euthanasia (<i>Guide, p 106</i>)	X				
• Veterinarian provides oversight to surgery and perioperative care (<i>Guide, p 106</i>)	X				
• Veterinary care program is appropriate for program requirements (<i>Guide, pp 113-114</i>)	X				
• Veterinarian(s) is familiar with species and use of animals and has access to medical and experimental treatment records (<i>Guide, p 114</i>)	X				
• Procedures to triage and prioritize incident reports are in place (<i>Guide, p 114</i>)	X				
• Procedures are in place to address:					
• Problems with experiments to determine course of treatment in consultation with investigator (<i>Guide, p 114</i>)	X				
• Recurrent or significant health problems with the IACUC and documentation of treatments and outcomes (<i>Guide, p 114</i>)	X				
• Veterinary review and oversight of medical and animal use records (<i>Guide, p 115</i>)	X				
• Procedures established for timely reporting of animal injury, illness, or disease (<i>Guide, p 114</i>)	X				
• Procedures established for veterinary assessment, treatment, or euthanasia (<i>Guide, p 114</i>)	X				
• Veterinarian is authorized to treat, relieve pain, and/or euthanize (<i>Guide, p 114</i>)	X				

2. Animal Procurement and Transportation/Preventive Medicine

	A*	M	S	C	NA
• Procedures for lawful animal procurement are in place (<i>Guide, p 106</i>)	X				
• Sufficient facilities and expertise are confirmed prior to procurement (<i>Guide, p 106</i>)	X				
• Procurement is linked to IACUC review and approval (<i>Guide, p 106</i>)	X				
• Population status of wildlife species is considered prior to procurement (<i>Guide, p 106</i>)	X				
• Appropriate records are maintained on animal acquisition (<i>Guide, p 106</i>)	X				
• Animal vendors are evaluated to meet program needs and quality (<i>Guide, p 106</i>)	X				
• Breeding colonies are based on need and managed to minimize numbers (<i>Guide, p 107</i>)	X				
• Procedures for compliance with animal transportation regulations, including international requirements, are in place (<i>Guide, p 107</i>)	X				
• Transportation is planned to ensure safety, security and minimize risk (<i>Guide, p 107</i>)	X				
• Movement of animals is planned to minimize transit time and deliveries are planned to ensure receiving personnel are available (<i>Guide, pp 107- 108</i>)	X				
• Appropriate loading and unloading facilities are available (<i>Guide, p 109</i>)	X				
• Environment at receiving site is appropriate (<i>Guide, p 109</i>)	X				
• Policies in place on separation by species, source, and health status (<i>Guide, pp 109, 111-112</i>)	X				
• Procedures in place for quarantine to include zoonoses prevention (<i>Guide, p 110</i>)	X				
• Quarantined animals from different shipments are handled separately or physically separated (<i>Guide, p 110</i>)	X				
• Procedures in place for stabilization/acclimation (<i>Guide, pp 110-111</i>)	X				
• Policies in place for isolation of sick animals (<i>Guide, p 112</i>)	X				
• Program is in place for surveillance, diagnosis, treatment and control of disease to include daily observation (<i>Guide, p 112</i>)	X				
• Diagnostic resources are available for preventive health program (<i>Guide, p 112</i>)	X				

3. Surgery

	A*	M	S	C	NA
• Surgical outcomes are assessed and corrective changes instituted (<i>Guide, p 115</i>)	X				
• Researchers have appropriate training to ensure good technique (<i>Guide, p 115</i>)	X				
• Pre-surgical plans are developed and include veterinary input (e.g., location, supplies, anesthetic and analgesic use, peri-operative care, recordkeeping) (<i>Guide, p 116</i>)	X				
• Aseptic surgery is conducted in dedicated facilities or spaces, unless exception justified and IACUC approved (<i>Guide, p 116</i>)	X				

• Surgical procedures including laparoscopic procedures are categorized as major or minor (<i>Guide, pp 117-118</i>)	X				
• For nonsurvival surgery, the site is clipped, gloves are worn and instruments and area are clean (<i>Guide, p 118</i>)	X				
• Aseptic technique is followed for survival surgical procedures (<i>Guide, pp 118-119</i>)	X				
• Effective procedures for sterilizing instruments and monitoring expiration dates on sterile packs are in place (<i>Guide, p 119</i>)	X				
• Procedures for monitoring surgical anesthesia and analgesia are in place (<i>Guide, p 119</i>)	X				
• For aquatic species, skin surfaces are kept moist during surgical procedures (<i>Guide, p 119</i>)	X				
• Post-operative monitoring and care are provided by trained personnel and documented (e.g., thermoregulation, physiologic function, analgesia, infection, removal of skin closures) (<i>Guide, pp 119-120</i>)	X				

4. Pain, Distress, Anesthesia and Analgesia

	A*	M	S	C	NA
• Guidelines for assessment and categorization of pain, distress and animal wellbeing are provided during training (<i>Guide, p 121</i>)	X				
• Selection of analgesics and anesthetics is based on professional veterinary judgment (<i>Guide, p 121</i>)	X				
• Painful procedures are monitored to ensure appropriate analgesic management (<i>Guide, p 122</i>)	X				
• Nonpharmacologic control of pain is considered as an element of postprocedural care (<i>Guide, p 122</i>)	X				
• Procedures are in place to assure antinociception before surgery begins (<i>Guide, p 122</i>)	X				
• Guidelines for selection and use of analgesics and anesthetics are in place and regularly reviewed and updated (<i>Guide, p 122</i>)	X				
• Special precautions for the use of paralytics are in place to ensure anesthesia ^{xiv} (<i>Guide, p 123</i>)	X				

5. Euthanasia

	A*	M	S	C	NA
• Methods are consistent with AVMA Guidelines on Euthanasia unless approved by the IACUC (<i>Guide, p 123</i>)	X				
• Standardized methods are developed and approved by the veterinarian and IACUC that avoid distress and consider animal age and species (<i>Guide, pp 123-124</i>)	X				
• Training is provided on appropriate methods for each species and considers psychological stress to personnel (<i>Guide, p 124</i>)	X				
• Procedures and training are in place to ensure death is confirmed (<i>Guide, p 124</i>)	X				

6. Drug Storage and Control

	A*	M	S	C	NA
• Program complies with federal regulations for human and veterinary drugs (<i>Guide, p 115</i>)	X				
• Drug records and storage procedures are reviewed during facility inspections (<i>Guide, p 115</i>)	X				
• Procedures are in place to ensure analgesics and anesthetics are used within expiration date (<i>Guide, p 122</i>)	X				
• Anesthetics and analgesics are acquired, stored, and their use and disposal are recorded legally and safely (<i>Guide, p 122</i>)	X				

* A = acceptable

M = minor deficiency

S = significant deficiency (is or may be a threat to animal health or safety)

C = change in program (PHS Policy [IV.A.1.a-i.](#)) (include in semiannual report to IO and in annual report to OLAW)

NA = not applicable

NOTES:

Facility Inspection Deficiency - Correction Report

Date: 05/01/2019

Members in Attendance:

(b) (6)

R. Nissen,

(9) (a)

Deficiency Category*	✓	Location	Deficiency and Plan for Correction	Responsible Party	Correction Schedule and Interim Status	Date Complete
			None			

Uploaded to Animal Research Laboratory

A = acceptable

M = minor deficiency

• **S** = significant deficiency (is or may be a threat to animal health or safety)

C = change in program (PHS Policy [IV.A.1.a.-i.](#)) (include in semiannual report to IO and in annual report to OLAW)

NA = not applicable

Check if repeat deficiency