

VIII. Membership of the IACUC

Date: April 18, 2017			
Name of Institution: Oklahoma State University			
Assurance Number: A3722-01			
IACUC Chairperson			
Name*: Ronald Van Den Bussche			
Title*: Regents Professor, Associate Vice President for Research			Degree/Credentials*: PhD
Address*: (street, city, state, zip code) Office of University Research Compliance (b) (4) Whitehurst Stillwater, OK 74078			
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Phone*: (b) (6)		Fax*: (b) (6)	
IACUC Roster			
Name of Member/ Code**	Degree/ Credentials	Position Title***	PHS Policy Membership Requirements****
1 Ronald Van Den Bussche	PhD	Associate VP Research	Scientist/Chair
(b) (6)			Scientist
			Nonscientist
			Scientist
			Nonscientist
			Scientist/Veterinarian
7 Todd A. Jackson	DVM, DACLAM	Associate Professor	Veterinarian
(b) (6)			Scientist
			Scientist
			Scientist
			Nonscientist
			Nonaffiliated
			Scientist

* 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.

X. Facility and Species Inventory

Date: April 18, 2017			
Name of Institution: Oklahoma State University			
Assurance Number: D16-00425 / A3722-01			
Laboratory, Unit, or Building*	Gross Square Feet [include service areas]	Species Housed [<i>use common names, e.g., mouse, rat, rhesus, baboon, zebrafish, African clawed frog</i>]	Approximate Average Daily Inventory
(b) (4)	958	Fish	100
	18,784	Cats	5
		Chickens	5
		Dogs	1
		Mice	1,800
		Rabbits	1
		Rats	5
	50,885	Cattle	1
	27,458,876	Cattle	50
		Goats	40
		Horses	10
	1,603	Fish	180
	468	Mice	1
	10,800	Birds	50
		Fish	500
		Frogs	100
		Geckos	10
		Lizards	75
		Mice	100
		Rats	30
		Snakes	40
		Toads	150
		Turtles	20
	250	Lizards	5
	4,394	Snakes	5
		Cats	10
	8,204	Mice	30
		Dogs	40
	43,920	Camelid	8
		Cattle	1
		Goat	1
		Horse	1
		Sheep	1
	120	Birds	5

*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.



To: Dr. Kenneth W. Sewell
Vice President for Research
Institutional Official for Animal Welfare

From: OSU Stillwater Institutional Animal Care and Use Committee

Subject: Semiannual Report

Date: November 14, 2016

This represents the Semiannual Report of the Institutional Animal Care and Use Committee (IACUC) to the Institutional Official as required by the Public Health Service (PHS) Policy on Humane Care and Use of Laboratory Animals, as a condition of OSU's Animal Welfare Assurance with the Office of Laboratory Animal Welfare (OLAW), and by the United States Department of Agriculture's (USDA's) Animal Welfare Regulations.

The IACUC has completed its semiannual review of OSU's animal care and use program using the 8th edition of the Guide for the Care and Use of Laboratory Animals (the Guide), the Guide for the Care and Use of Agricultural Animals in Research and Teaching (the Ag Guide), and the USDA's Animal Welfare Regulations as applicable. Parts of the animal care program were reviewed at monthly IACUC meetings over the six months prior to the dates of the semiannual facilities inspections. The entire OLAW checklist was completed. No significant deficiencies were identified. Minor deficiencies concerning occupational health and safety are described in the attached report together with corrective action plans and timelines for correction.

The IACUC inspected OSU's animal facilities during the month of April using the 8th edition of the Guide, the Ag Guide, and the Animal Welfare Regulations, as applicable. Two significant deficiencies were identified. All deficiencies are described in the attached report together with corrective action plans and timelines for correction.

Facilities that have achieved accreditation by AAALAC International are labeled with AAALAC's Logo.




IACUC-approved departures from the standards in the Guide or the Ag Guide approved since the last semi-annual report include:

- **Redacted:** A departure to allow the short term housing of dogs with less than the minimum floor space
- **Redacted:** A departure to allow a reduction in sanitization frequency. Dogs will also be kept in small kennels for a short period of time without water.

The IACUC believes the animal care and use program to be in compliance with federal regulations, policies, and regulatory guidance except for the deficiencies that were identified.

Report approved by:

IACUC Chair Signature:	Date:		
University Attending Veterinarian Signature:	Date:		
			
		(b) (6)	
		IACUC Member Signature:	Date:
		IACUC Member Signature:	Date:
		IACUC Member Signature:	Date:
IACUC Member Signature:	Date:		
IACUC Member Signature:	Date:		

• Training is provided on appropriate methods for each species and considers psychological stress to personnel (<i>Guide</i> , p 124)	✓				
• Procedures and training are in place to ensure death is confirmed (<i>Guide</i> , p 124) [must]	✓				

6. Drug Storage and Control

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

- * **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:

✓¹: Occupational Health and Safety Program

Minor deficiency: Notification letter to Ronald Van Den Bussche (IACUC Chair) and (b) (6)

OLAW guidance includes a minimal standard for pre-placement medical evaluations as part of the occupational health and safety program for animal handlers. Note that these evaluations need not include a complete physical examination. Review of the individual's health history for evidence of animal allergies or immunosuppression that could make zoonotic diseases more dangerous would suffice. The Occupational Health and Safety Program (OHSP) for animal handlers should be revised to complete health history assessments prior to animal exposure, whenever possible. The IACUC is now requiring all personnel on protocols to complete the OHSP program prior to approval of the protocol. In addition, annual assessments must be completed or personnel will be removed from protocols. While this should resolve the concern going forward, the IACUC and OHSP staff are working to complete enrollment for individuals that were previously approved, or had not completed the annual OHSP assessments. Correct by April 1, 2017 *Update received and corrected December 12, 2016

Facility: 1

Facility/Herd Manager: **Redacted**

Date Inspected: 03-Oct-2016

Inspection Team: **Redacted**

Locations: Barn, pastures, working chutes

Findings: No deficiencies

Facility: 2

Facility/Herd Manager: **Redacted**

Date Inspected: 03-Oct-2016

Inspection Team: **Redacted**

Locations: Barn, pastures, working chutes

Findings: No deficiencies

Facility: 3

Facility/Herd Manager: **Redacted**

Date Inspected: 03-Oct-2016

Inspection Team: **Redacted**

Locations: Office, pastures, working chutes

Findings: No deficiencies



Facility: 4

Facility/Herd Manager: **Redacted**

Date Inspected: 17-Oct-2016

Inspection Team: **Redacted**

Locations: **Redacted**

Findings:

Minor deficiencies: Notification letter to **Redacted** , cc to **Redacted**

1. Room **Redacted** had chemicals without secondary containers in a room where animals are allowed time out of the cages. This should be corrected by January 1st, 2017.

***Corrected on October 17, 2016**

2. Storage room **Redacted** had boxes stacked close to the ceiling. Remove stacked boxes to allow for 24 inches of clearance to ceiling. Correct by January 1st, 2017. Holes were noted in the ceiling. Correct by April 1st, 2017.

***Corrected December 5th, 2016**



Facility: 5

Facility/Herd Manager: Multiple

Date Inspected: 17-Oct-2016

Inspection Team: **Redacted**

Locations: **Redacted**

Findings:

Minor deficiency: Notification to **Redacted**

Room **Redacted** contained some expired drugs. Expired materials cannot be used in live animals, and should be removed from the facility or disposed of. Correct by December 1, 2016.

***Corrected at time of inspection, October 17th, 2016**

Recommendation: Notification to **Redacted**

Ensure all chemicals in animal room **Redacted** are appropriately labeled. Containers should have identifying information such as name, concentration, expiration date, and labeled with appropriate chemical hazard symbols.



Facility: 6

Facility/Herd Manager: **Redacted**

Date Inspected: 17-Oct-2016

Inspection Team: **Redacted**

Locations: Laboratory

Findings: No deficiencies



Facility: 7

Facility/Herd Manager: **Redacted**

Date Inspected: 17-Oct-2016

Inspection Team: **Redacted**

Locations: Animal housing (arena)

Findings:
No deficiencies



Facility: 8

Facility/Herd Manager: **Redacted**

Date Inspected: 17-Oct-2016

Inspection Team: **Redacted**

Locations: **Redacted**

Findings:
No deficiencies



Facility: 9

Facility/Herd Manager: **Redacted**

Date Inspected: 17-Oct-2016

Inspection Team: **Redacted**

Locations: **Redacted**

Findings:
No deficiencies

Facility: 10

Facility/Herd Manager: **Redacted**

Date Inspected: 17-Oct-2016

Inspection Team: **Redacted**

Locations: Aquatics facility

Findings:

Minor deficiency:

1. The inspection occurred on October 17th, 2016, however the daily log indicated that care had already been provided for October 18th. Ensure records are accurate, correct going forward.



Facility: 11

Facility/Herd Manager: **Redacted**

Date Inspected: 17-Oct-2016

Inspection Team: **Redacted**

Locations: **Redacted**

Findings:

No deficiencies:

Facility: 12

Facility/Herd Manager: **Redacted**

Date Inspected: 17-Oct-2017

Inspection Team: **Redacted**

Locations: **Redacted**

Findings:

Minor deficiency: Notification letter to **Redacted**

Many rooms, including **Redacted** have exposed concrete, unsealed holes in walls/ceilings and unsealed wood on doors. (Guide page 138 “Walls and ceilings”). “They should be free of cracks, unsealed utility penetrations, and imperfect junctions with doors, ceilings, floors, walls, and corners.” These locations should be renovated to meet the expectations for research animal housing as described in the Guide by 01-April-2017 or an alternative renovation schedule or appropriate justification as to why the Guide’s recommendations are not appropriate for those locations should be provided to the IACUC by 01-March-2017.

***Most locations were repaired but additional areas of exposed concrete were identified during the April 2017 inspections and additional citations were noted.**

Recurring deficiency: Notification letter to **Redacted**

The IACUC understands that the initial assessment of the air handling for **Redacted** indicated that a mixture of fresh and recycled air was used for many animal rooms and that low air flow (<10 ACH) was measured in some animal rooms. The IACUC understands that adjustments are being made to the HVAC system by Facilities Management prior to re-measuring airflow rates.

The IACUC also understands that some of the recommended HVAC expectations for animal facilities may not be necessary for the numbers of animals and the species being maintained by **Redacted** NCU. The IACUC is willing to consider granting exceptions to the recommendations stated in the Guide where those exceptions will not have a detrimental effect on animal health, human health, or data integrity due to environmental variability. A final report on the NCU's HVAC system should be presented to the IACUC by 01-Jan-2017. This report should be accompanied by requests for exceptions with appropriate justification for protocols associated with areas or rooms that have:

- <10 air changes per hour
- Inability to control relative humidity between 30 & 70%, or need to maintain humidity outside this range because of the species being housed
- Intake air that is recirculated rather than 100% fresh, ensuring that the recirculated air does not come from locations where hazardous agents or volatile chemicals are used
- Exhaust air that is recirculated rather than directly exhausted from the room to the outside of the building, ensuring that the recirculated air does not carry allergens or hazardous agents into classrooms, offices, or animal rooms other than the room from which it came
- The recirculated air is at least 50% fresh.
- Locations housing live animals that do not have an electronic monitoring system in place to notify appropriate personnel when temperature or humidity exceeds prescribed limits.

***A report was provided to the IACUC on December 12, 2016 at an IACUC meeting.**

Members from the building and plant operations were present and provided an update.

The building had been modified to meet the above requirements in several rooms.

Recommendation: Notification letter to **Redacted**

1. In room **Redacted** a ceiling light was covered by a paper bag. This is not a sanitizable surface and should be removed from the room. If lower light conditions are needed, removal of a bulb may be advisable. Correct by 1-Jan-2017.

***Completed by the next IACUC visit - April 2017**

Minor deficiency: Notification letter to **Redacted**

Rooms **Redacted** contained fluorescent lights that did not have protective covers. In room **Redacted** these lights were sitting directly on top of animal caging. According to The Guide page 141 "Light bulbs or fixtures should be equipped with protective covers to ensure the safety of the animals and personnel." Correct by 01-April-2017.

***Completed by the next IACUC visit - April 2017**

Minor deficiency: Notification letter to **Redacted**

Room **Redacted** is animal housing in a busy laboratory setting. According to The Guide page 134, "Animals should be housed in facilities dedicated to or assigned for that purpose, not in

laboratories merely for convenience.” Provide scientific justification or necessity for housing animals in a laboratory to the IACUC or correct by 01-April-2017.

***Completed by the next IACUC visit - April 2017**

Minor deficiency: Notification letter to **Redacted**

Room **Redacted** contained animal cages with chemicals being stored directly above cages. This poses a possible hazard, and the chemical storage should be moved. Correct by 01-Jan-2017. In addition, cardboard ceiling tiles are not sanitizable (Guide page 138 “Walls and ceilings”). Correct by 01-April-2017.

***Completed by the next IACUC visit - April 2017**

Facility: 13

Facility/Herd Manager: **Redacted**

Date Inspected: 17-Oct-2017

Inspection Team: **Redacted**

Locations: **Redacted**

Findings: No deficiencies



Facility: 14

Facility/Herd Manager: **Redacted**

Date Inspected: 17-Oct-2016

Inspection Team: **Redacted**

Locations: **Redacted**

Findings: No deficiencies



Facility: 15

Facility/Herd Manager: **Redacted**

Date Inspected: 17-Oct-2016

Inspection Team: **Redacted**

Locations: Laboratory, trailer

Findings: No deficiencies



Facility: 16

Facility/Herd Manager: **Redacted**

Date Inspected: 17-Oct-2016

Inspection Team: **Redacted**

Locations: **Redacted**

Findings: No deficiencies

Facility: 17

Facility/Herd Manager: **Redacted**

Date Inspected: 19-Oct-2016

Inspection Team: **Redacted**

Locations: Office, pens, working chutes, medicine storage, bulk feeds storage

Findings: No deficiencies

Facility: 18

Facility/Herd Manager: **Redacted**

Date Inspected: 21-Oct-2016

Inspection Team: **Redacted**

Locations: **Redacted**

Findings:

Significant Deficiency:

A CO₂ euthanasia station is present without the required flow meter. The PI indicated they are working with Animal Resources staff to complete the installation. Correct by January 01, 2017.

***Corrected by January 1, 2017**

Minor Deficiency:

A room adjacent to animal housing space is full of old manure and construction materials. This location should be cleaned out. Correct by April 01, 2017.

***This was not corrected by the date, was cited as significant on the April 2017 IACUC inspection and was corrected on 6/13/2017.**

Facility: 19

Facility/Herd Managers: **Redacted**

Date Inspected: 21-Oct-2016

Inspection Team: **Redacted**

Locations: Milk holding, office, chemical storage, storage/drugs, milking parlor, storage/mechanical space, holding area, loafing sheds, hay storage, calving shed, commodity barn, dairy barn, bull barn, laboratory, pastures

Findings: No deficiencies

Facility: 20

Facility/Herd Managers: **Redacted**

Date Inspected: 21-Oct-2016

Inspection Team: **Redacted**

Locations: Breeding barn, stallion barn, pastures

Findings:

Minor Deficiency:

Two containers of expired drugs were found in the drug storage area. Expired materials cannot be used for live animals under an IACUC protocol. Correct by December 1st, 2016.

***Disposed of prior to December 1st, 2017.**

Facility: 21

Facility/Herd Manager: **Redacted**

Date Inspected: 21-Oct-2016

Inspection Team: **Redacted**

Locations: Arena, animal holding

Findings: No deficiencies

Facility: 22

Facility/Herd Managers: **Redacted**

Date Inspected: 21-Oct-2016

Inspection Team: **Redacted**

Locations: Working chutes, drug storage, feed lanes, commodity building, pens, **Redacted**

Findings: No deficiencies

Facility: 23

Facility/Herd Manager: **Redacted**

Date Inspected: 21-Oct-2016

Inspection Team: **Redacted**

Locations: Feed storage, office, east pens, west pens, barn, pastures

Findings:

Significant Deficiency:

A sheep was found dead by the IACUC inspectors. It had been noted as ill the morning of the inspection by the staff on site, but the veterinary staff were not contacted. All sick or ill animals should be reported to the Attending Veterinarian or his staff, and animals should not be allowed to spontaneously die especially when a problem is identified. All students and staff providing animal care at the farm must be retrained in methods of contacting Animal Resources or the Veterinary Medical Hospital when an animal needs veterinary care. If you would like Animal Resources to provide this training contact them to arrange a date/time for training. Retraining must be completed no later than 01-Jan-2017.

***Training was completed on December 2nd, 2016.**

Facility: 24

Facility/Herd Manager: **Redacted**

Date Inspected: 21-Oct-2016

Inspection Team: **Redacted**

Locations: Cattle stanchions, laboratory, corridor, hay storage room, east pens, working chute, west pens, annex building

Findings: No deficiencies

Facility: 25

Facility/Herd Manager: **Redacted**

Date Inspected: 21-Oct-2016

Inspection Team: **Redacted**

Locations: Sale arena, show barn with storage and feed storage, cow/calf barn, trailer

Findings:

Minor deficiency: Notification letter to **Redacted**

Human food and drink was found in a refrigerator dedicated to animal vaccine and medicine.

Human and animal materials should be separated to avoid contamination. Correct by December 1, 2016.

***Completed by the next IACUC visit - April 2017**

Facility: 26

Facility/Herd Manager: **Redacted**

Date Inspected: 21-Oct-2016

Inspection Team: **Redacted**

Locations: Working pens, storage shed, hay barn, wheat pasture

Findings: No deficiencies

Facility: 27

Facility/Herd Managers: **Redacted**

Date Inspected: 21-Oct-2016

Inspection Team: **Redacted**

Locations: Barn, pastures

Findings: No deficiencies

Facility: 28

Facility/Herd Managers: **Redacted**

Date Inspected: 21-Oct-2016

Inspection Team: **Redacted**

Locations: Barns, working chute, feed storage, pastures, trailers

Findings: No deficiencies

Facility: 29

Facility/Herd Managers: **Redacted**

Date Inspected: 21-Oct-2016

Inspection Team: **Redacted**

Locations: Feed storage, medical supply storage, pastures, barn

Findings: No deficiencies

Facility: 30

Facility/Herd Managers: **Redacted**

Date Inspected: 21-Oct-2016

Inspection Team: **Redacted**

Locations: Feed storage, medical supply storage, pastures, barn

Findings:

Minor Deficiency: Notification letter to **Redacted**

Human food and drink was found in a refrigerator dedicated to animal vaccine and medicine.

Human and animal materials should be separated to avoid contamination. Correct by December 1, 2016.

***Corrected on November 23rd, 2016**

Minor Deficiency: Notification letter to **Redacted**

The ceiling in the food storage barn was falling down. Insulation was dropping onto food storage, presenting the possibility of contamination. The insulation should be removed, the ceiling repaired, or the food moved to another location to avoid contamination. Correct by April 1, 2017.

***Completed by the next IACUC visit - April 2017**

Facility: 31

Facility/Herd Manager: **Redacted**

Date Inspected: 21-Oct-2016

Inspection Team: **Redacted**

Locations: Barn, chute/working area, pasture

Findings: No deficiencies

Facility: 32

Facility/Herd Managers: **Redacted**

Date Inspected: 24-Oct-2016

Inspection Team: **Redacted**

Locations: Headquarters, Gestation #1 & feed storage, Gestation #2 & feed storage, Farrowing #1 & feed storage, Farrowing #2 & feed storage, Nursery #1 & feed storage, Nursery #2 & feed storage, Finisher #1 & feed storage, Finisher #2 & feed storage, Finisher #3 & feed storage, Finisher #4 & feed storage, finisher #5 & feed storage, Finisher #6 & feed storage, teaching arena, show pens, swine metabolism, trailer

Findings: No deficiencies



Facility: 33

Facility/Herd Manager: **Redacted**

Date Inspected: 24-Oct-2016

Inspection Team: **Redacted**

Locations: Necropsy

Findings:
No deficiencies



Facility: 34

Facility/Herd Manager: **Redacted**

Date Inspected: 24-Oct-2016

Inspection Team: **Redacted**

Locations: **Redacted**

Findings: No deficiencies



Facility: 35

Facility/Herd Manager: **Redacted**

Date Inspected: 25-Oct-2016

Inspection Team: **Redacted**

Locations: Pasture and shelter

Findings:

Minor deficiency: Notification letter to **Redacted**

Silverleaf nightshade was found in the pasture, some with fruit. While it is noted that horses may not typically consume it while other food is present, it should still be removed from the pasture to remove the risk. Correct by December 1, 2016.

***Completed 10/26/2016**

Facility: 36

Facility/Herd Manager: **Redacted**

Date Inspected: 24-Oct-2016

Inspection Team: **Redacted**

Locations: Outdoor pens

Findings: No deficiencies

Facility: 37

Facility/Herd Manager: **Redacted**

Date Inspected: 24-Oct-2016

Inspection Team: **Redacted**

Locations: Ponds

Findings: No deficiencies

Facility: 38

Facility/Herd Manager: **Redacted**

Date Inspected: 24-Oct-2016

Inspection Team: **Redacted**

Locations: animal holding

Findings: No deficiencies



Facility: 39

Facility/Herd Manager: **Redacted**

Date Inspected: 24-Oct-2016

Inspection Team: **Redacted**

Locations: **Redacted**

Findings:

Minor deficiencies: Notification letter to **Redacted**

1. Exposed electrical wiring was identified in the main barn. Remove or cover the wires for personnel safety. Correct by April 1, 2017.
2. The sink in the break room used for faculty, staff, and student food consumption was used to clean and fill the artificial vagina used for semen collection. The location used for human food and drink consumption should be separated from the location used to clean and store equipment used on animals. It is acknowledged that the repair is in progress, and the sink has been purchased. Ensure the facility work has been completed by the next IACUC visit, correct by April 1, 2017.

***Both were corrected by the next IACUC visit - April 2017**

Facility: 40

Facility/Herd Manager: **Redacted**

Date Inspected: 24-Oct-2016

Inspection Team: **Redacted**

Locations: Barn, pastures

Findings: Notification letter to **Redacted**

The office area of the **Redacted** location contained two refrigerators, one with human food and the other with animal vaccine/medicine. Some human food was stored with the animal vaccine and medicine. Human food should not be stored with the animal materials to prevent contamination. In addition, 3 expired vaccines were identified and should be removed from the facility. Expired materials should not be used with animals on an IACUC approved protocol. Correct by December 1, 2016.

***Completed by the next IACUC visit - April 2017**

Facility: 41

Facility/Herd Manager: **Redacted**

Date Inspected: 24-Oct-2016

Inspection Team: **Redacted**

Locations: Barn, pastures

Findings: No deficiencies

Facility: 42

Facility/Herd Managers: **Redacted**

Date Inspected: 24-Oct-2016

Inspection Team: **Redacted**

Locations: Saddling/stalls, tack room, feed storage, storage shed, stall barn, trailer

Findings:

Minor Deficiency: Notification to **Redacted**

Two bottles of expired drugs were found. No expired materials should be used in animals. The drugs were disposed of when found so no further action is requested.

Facility: 43

Facility/Herd Manager: **Redacted**

Date Inspected: 24-Oct-2016

Inspection Team: **Redacted**

Locations: **Redacted**

Findings:

Minor Deficiency: Notification to **Redacted**

1. The IACUC agrees with the assessment by Animal Resources, and endorses the attached list of items for correction. It is understood that many of these items are being evaluated by facilities for repair. Correction of the deficiencies is required by April 1, 2017. If any of the deficiencies will not be corrected by the due date, a status update and action plan must be submitted to the IACUC by March 1, 2017.

***The IACUC received status updates by the deadline of March 1, 2017 however the structural deficiencies are numerous and extensive and will take some time. This was included as a recurring significant deficiency during the April IACUC inspections with a timeline for completing facility renovations required by August 1, 2017.**

Facility: 44

Facility/Herd Manager: **Redacted**

Date Inspected: 24-Oct-2016

Inspection Team: **Redacted**

Locations: Barn, pastures

Findings: No deficiencies
