



Memorandum

To: Elizabeth Cantwell, PhD, Senior Vice President, Research & Innovation
From: Institutional Animal Care and Use Committee
Subject: Semi-Annual Report of the Program Review and Facility Inspection
Date: December 13, 2021

This report summarizes the 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 semi-annual reports to the Institutional Official is a condition of this institution's Animal Welfare Assurance with the NIH Office of Laboratory Animal Welfare (OLAW).

IACUC Updates/Issues:

- The IACUC and staff have worked to develop and implement tools to assist in tracking lab training and have been working with PIs according to the schedule set forth in the Fall 2020 semi-annual programmatic review to assure the IACUC can adequately evaluate the effectiveness of the training programs used by PIs.
 - The Committee and IACUC staff continue to assist PIs in developing appropriate documentation for training, and to emphasize the importance of training to research and animal welfare. A plan was developed in accordance with the Fall 2020 SA programmatic review requirements and has been implemented.
 - The plan has been rolled out to PIs, and while implementation of the specific tools developed by IACUC staff remains intermittent, PIs have adopted better tracking and documentation of training activities and are generally able to produce documentation when requested. Additional information and suggestions can be provided as part of the semi-annual inspection process and as part of the PAM program. Associated documents, I-IC-GU-302 Training Documentation, I-IC-SOP-118 Lab Training Documentation, and associated forms and tools were approved by the committee and rolled out to PIs.
 - The IACUC continues to follow recommendations and requirements of federal animal welfare regulations.
- We have seen an increase in welfare reports that stem largely from public concern of animal conditions. Upon investigation, it had been determined that all are well within UA guidelines and federal regulations for animal care and use. However, it shines a light on growing issues that many, if not all, research facilities that use animals will continue to encounter:

- The rise in public awareness of the presence of animal use at universities and research facilities does not necessarily mean a rise in accurate public knowledge and education of the role of animals in scientific and medical inquiry, discovery, and research.
- While the European Union does not have a direct impact on our own laws and regulations, the recent approval of phasing out all animal research will have an effect on public perception and expectations in other parts of the world, including in the United States.
- National and international organizations that support the use of animals in scientific and medical research do offer public outreach and education. However direct communication, education, and transparency on a more local level would also help in ensuring an accurate and cohesive message is being delivered. The IACUC recommends that the University of Arizona create a public dialogue regarding the importance of animal research and its dedication to animal welfare.
- The IACUC office is still in need of a Director. The staff hired last year continue to exceed expectations and have been a boon to the program and continue to grow in their roles and responsibilities.
- Interactions between the various aspects of the Animal Care and Use Program and investigators continue to be favorable. We strive to ensure compliance by emphasizing the positive, educational aspects of the Program, providing resources, standardizing procedures, and being responsive to investigator needs, all within our regulatory framework.

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.):

The Fall 2021 Semi Annual Review Meeting Minutes (*attachment 1*) detail the IACUC's review of the Animal Care and Use Program. The meeting minutes were approved by the IACUC on 12/13/21. Each aspect of the Program is summarized below.

The following IACUC programmatic changes were implemented during the review period (May 2021 – October 2021):

1. Dr. Cynthia "CJ" Doane replaced [REDACTED] as Attending Veterinarian
2. [REDACTED] replaced [REDACTED] as IACUC Chairperson. [REDACTED] was named Vice Chair.
3. Semiannual inspections of facilities were conducted mostly in person
4. The SVPR/IO allowed the return to full scope of research with some scale limitations
5. I-IC-GU-302 Lab Training Documentation, I-IC-SOP-118 Lab Training Documentation, and supporting forms and documents were approved to require training documentation in PI labs.

The MOU Summary document (*attachment 2*) lists animal research performed with University funds at external institutions covered by a Memorandum of Understanding. No reports of non-compliance were received over the past six months.



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 <i>Guide</i> , and the AWA.	
<input type="checkbox"/>	There were no departures during this reporting period.
<input checked="" type="checkbox"/>	<p>The Departures and Exceptions Checklist lists both existing and new departures to the <i>Guide</i>. No departures were approved for either the PHS Policy or AWAR. Of note:</p> <p>Must:</p> <ul style="list-style-type: none">• 1 renewal and 2 continuing protocols with departure from requirement for space for animals to turn around and/or rest away from urine and feces (<i>Guide</i>, p. 56) <p>Should:</p> <ul style="list-style-type: none">• 1 renewal, and 7 continuing protocols for a total of 8 protocols without acclimation to restraint (3 species known to acclimate well, 5 for scientific reasons). (<i>Guide</i>, p. 29)• 7 new, 23 renewal, and 161 continuing protocols for a total of 191 protocols with approved non-pharmaceutical grade compounds. (<i>Guide</i>, p. 31)• 1 renewals and 8 continuing protocols for a total of 9 protocols with approval for use of expired materials. No anesthesia, analgesia, or euthanasia agents expired. (OLAW FAQ F.5, USDA APHIS Animal Care Policy #3)• 3 renewal protocol and 4 continuing protocols using temperature and humidity studies and exception for humidity due to environmental factors for a total of 7 protocols (<i>Guide</i>, p. 43)• 6 continuing protocols using hypoxia; 1 continuing protocol with in-cage cigarette smoke exposure, for a total of 7 protocols (<i>Guide</i>, p. 45).• 1 renewal and 4 continuing protocols with altered light cycle for a total of 4 protocols. (<i>Guide</i>, p. 47)• 9 continuing protocols without bedding/enrichment and with an exception to keep animals dry, for post-surgical care, research necessity, and/or metabolic caging for a total of 9 protocols (<i>Guide</i>, p. 52, pp. 68-69)• 2 continuing protocols with approved departures from ability to escape or avoid aggression. (<i>Guide</i>, p. 55)• 1 renewal and 1 continuing protocol for a total of 2 with ag animals housed singly (<i>Guide</i>, p. 60)• 5 renewal protocols and 13 continuing protocols for a total of 18 without standard or additional enrichment for singly housed animals (<i>Guide</i> p. 64).• 1 renewal and 8 continuing protocols with a departure from providing <i>ad libitum</i> water (<i>Guide</i> p. 67-68).• 3 renewal and 9 continuing protocols for a total of 14 with reduced cage & bedding change frequency (<i>Guide</i>, pp. 70-71)• All satellite housing is evaluated for scientific necessity. 1 renewal protocols and 7 continuing protocols for a total of 8 with in-lab housing (<i>Guide</i>, p. 134)

Deficiencies in the Institution's Animal Care and Use Program

Animal Care and Use Program Review Date: November 4, 2021	
<input checked="" type="checkbox"/>	There were no deficiencies in the program during this reporting period.
<input type="checkbox"/>	The Semi-annual Program Review Checklist identifies programmatic deficiencies for the IACUC and UAC.

Deficiencies in the Institution's Animal Facility

Animal Facility Inspection Dates: August 6 – August 17, 2021 (UAC locations); October 11 – October 29, 2021 (PI peripheral laboratories)	
<input type="checkbox"/>	There were no deficiencies in the animal facility during this reporting period.
<input checked="" type="checkbox"/>	<p>The IACUC Semi-Annual Inspection Documents outline the 4 UAC facilities inspected in August: [REDACTED] as well as 152 unique peripheral PI lab or farm locations in October 2021 located across campus. Total unique locations increased significantly, largely due to labs restarting and expanding work.</p> <p>The types of findings are typical of previous inspections and generally represent expired items due to periods of lab staff not being on-site.</p> <p>The Inspection – No Findings documents (<i>attachment 3</i>) lists locations where no deficiencies were noted (~82% of all findings).</p> <p>Findings were classified by the IACUC as Minor or suggestions for improvement (<i>attachment 4</i>) or Significant (<i>attachment 5</i>).</p>

Minority Views

<input checked="" type="checkbox"/>	No minority views were submitted or expressed.
<input type="checkbox"/>	The following minority view was expressed:

Status of AAALAC Accreditation

Continuing full AAALAC accreditation was received on March 4, 2020.

IACUC Semi-Annual Meeting

Agenda

8:30 am, November 4 2021

Online via Zoom

Voting Members Present: Chair; M-1; NA-2; NS-1; S-1; S-2; S-3 (arr@9:30, left @11:20); S-5; S-6; S-7; S-8; S-9; V-1; V-2; V-3

Alternate Members Present: M-A-2; S-A-6; V-A-3 (arr@ 8:45)

Visitors Present: IACUC Specialist 1; IACUC Specialist 2; RLSS Operations Manager (arr @10:01); Officer, Research-Quality Assurance; Sr Director (left a@11:13), Research, Ethics and Quality; Officer, Biological Safety

Meeting was brought to order at 8:35 am and quorum confirmed with 14 of 16 members present

Welcome and Introductions

1. The committee was thanked for their continued support to the research community and to the IACUC program.
2. Office staff were thanked for their continued hard work

Announcements

1. Dates of the next IACUC monthly meeting and semi-annual meeting were announced
2. Changes to membership were announced. Of note:
 - a. S-6 named Chair; S-9 named Vice-Chair
 - b. V-2 moved V-1, and named Attending Veterinarian
 - c. New members and alternates were introduced and welcomed: NS-1, S-6, S-7, S-A-2, S-A-6, S-A-7, V-A-3
3. Instructions for voting
 - a. Voting will be virtual using Zoom via polls on the screen
 - b. Dissenting opinions can be emailed to AD, will be treated confidentially

A. IACUC, UAC Management Team and Occupational Health

1. 20-617*

- a. Protocol issues were presented and discussed with PI present. Of note:
 - i. Another new incident has been reported, hand feeding and handling issue.
 1. PI explained that both handling and feeding issue stems from a single individual and actions have been taken with them- PI will take over those activities and current staff have demonstrated proper technique while being observed by vets.
 - ii. This is currently the 4th incident on USDA reg species- 3 Mexican Free Tailed bats (MFT) and 1 Big Brown bat (BB).
 1. Of the incidents, 4 were deaths of maladaptation.
 - iii. AV asked the lab to stop working with the bats, insisted that vets had to be present while feeding to monitor handling .
 - iv. PI explained that MFTB have different behavior than BB and has been a contributing factor to the issues. They are more wild and less tame, more erratic.
 - v. PI was asked to clarify questions. Of note:
 1. Q: Can PI get Big browns from other sources?
 - a. A: Because the BB transition to captivity very well, they are the ideal and preferred species, however they are not as common in AZ. It has been a challenge trying to find them and even when a few were located at a nearby residence, home owner did not want them to be taken.

- b. There is also a low probability of finding browns at bridges. About 98% of the bats at the bridges are MFTB.
 - c. MFTB would be used until BB are more abundant in the area.
- 2. Q: Has PI considered other locations of capture?
 - a. A: there is a field station in [REDACTED], but current permit doesn't cover the private property.
 - b. PI has had some BB sent from a collaborator at another university, however, expressed that when labs have bats, they tend to not give them away.
- 3. Q: Can PI provide additional assurances for moving forward?
 - a. A: PI talked with rehab facility in another state, as well as other PIs on how to better tackle the handfeeding with MFTB.
 - i. After protocol has been amended to include the new techniques, the current bats have been thriving.
 - b. PI explained that they will be removing shelving unit with wheels that has been in the flight cage.
 - c. Staff will never feed alone anymore, they will always be in pairs.
 - d. MFTB need to be handled a lot more than anticipated and that is challenging to do within the small flight cage. PI will be ordering a new, larger flight cage to allow for staff to sit on the floor when handling. This Will be implemented in the spring 2022.
 - e. PI will Institute a new training protocol for new staff. Explained that a good way to learn how to properly handle them would be during the normal feedings.
 - f. New staff will be monitored until they have demonstrated proper handling technique.
 - g. May implement bat burrito technique to help with captivity transition
- 4. Q: What about the handling issues?
 - a. A: PI has taken action and removed individual from animal handling procedures.
- 5. Q: Will MFTB still be temporary, if inadequate BB are captured next year?
 - a. A: Likely they will be more permanent, and PI will continue to work with them.
 - b. If more BB become available, they will reduce the need for MFTB.
- 6. Q: Is it possible to breed in captivity?
 - a. A: There has been very little luck with breeding due to the lack of available males, how females fertilize eggs, and females only have 1 pup per season.
 - b. Another issue is the need to use echolocation for the proposed experiments, and lab born bats do not learn this.
- 7. Q: Would it be possible to have an outdoor wild colony?
 - a. A: That would be ideal, however it would be challenging. PI would need to find a roof that can have a permanent structure long term. If this happened, there is no guarantee that wild bats would roost in the structure and may take years for a colony to establish.
- vi. Additional suggestions were given
- b. Actions to commence work were discussed. The IACUC requires the following:
 - i. Justification for use of MFTB needs to be clearly defined:

1. PI must develop robust scientific justification for continued use of MFTB and
2. Quantifiable milestones of advancing to experimental stage
- ii. Immediate communication with vet staff of any injuries/adverse events, to assess and assist in treatment.
- iii. Staff training will have a second level proficiency check by UAC vet
- iv. The committee voted on feeding independently.
 1. Approved for PI to feed independently without supervision, and recommend an additional trained individual be present to assist
- v. Vote for continued protocol work with MFTB species
 1. Approved to continue with adjustments discussed, to be reassessed after PI provides justification for continued use
- c. Reportable to OLAW and USDA
 - i. USDA citation
 1. Keep animal safe in flight cage
 2. Training proficiency
 - ii. Reportable to OLAW as potential non-compliance

2. Review of UAC program

- a. The AV provided a review of the animal care program. Of note:
 - i. High turn over in husbandry positions
 - ii. Difficulty filling positions- but at 100% right now; 75% in PAF
 - iii. Equipment air handler upgrade is complete
 1. The other air handler will begin upgrade in Nov
 - iv. Supply chain issues with PPE being more expensive and rodent IVC racks on 1 year back order.
 - v. Census is high- at pre-pandemic numbers- ~100 additional cages per month
 - vi. USDA expansion at [REDACTED] location

3. Occupational health/animal hazards update

- a. The Occupational Health Manager/RLSS Operations Manager provided an update of the Occupational Health program including the Animal Hazards program. Of note:
 - i. Small changes were made based on the Medical director to add cattle and goats to Q fever section.
 - ii. New agreement between occ health and UAC/ vet diagnostic labs
 1. Breaking down risk categories
 - iii. Close to implementing Chester system
- b. Statistics from the Occupational Health program
 - i. ~1500 people are in animal hazards surveillance

Break

B. IACUC Executive Session

1. Approve minutes

- a. The October 2021 minutes were reviewed.
 - i. **The IACUC approved as written**

2. Review of IACUC Program statistics

- a. IACUC program statistics were presented. Of note:
 - i. Total count of personnel and PI's has remained steady, total protocols are slightly decreased due to COVID and PI's not continuing work.
 - ii. Submissions YTD are on a downward trend from 2020

- iii. Animal census continues to increase and has superseded pre-pandemic numbers

3. Review of the program checklist

- a. The IACUC Program checklist was presented and reviewed. Of note:
 - i. AV recommended to start review of UAC documents
 - ii. Other program items were determined to meet expectations
- b. **The IACUC approved the program checklist as written**

4. Update to training

- a. Very few PIs have established the box folders, however, most are willing to provide training documents when requested.
- b. PIs have requested and seem to be using the documents developed to help track training.
- c. Some confusion for long-standing PIs whose staff were already trained coming in – PIs should have documentation indicating

5. Review of Departures checklist

- a. The Departures and Exceptions checklist was reviewed. Of note:
- b. **The IACUC approved as written**

6. IACUC semi-annual inspections with determination of plan of action

- a. Inspection metrics and semi-annual inspections were reviewed with follow up and determination and review of plans of action were discussed. Findings were verified as minor or significant. Of note:
- b. Inspection metrics
 - i. There were fewer inspections in Spring 2021. In Fall 202, more locations were inspected due to the inclusion of euthanasia locations.
- c. Summer 2021 – UAC locations
 - i. No findings were determined to be significant
 - ii. 238 locations with no findings
 - iii. 1 location with unresolved finding
 - 1. Humidity in PAF >70%
 - a. Maintenance is working on the issue
 - b. Plans for action
 - i. Animals are moved if needed
 - c. No major concerns for animal welfare
 - iv. 45 Resolved findings: Minor and suggestion for improvement
 - 1. Reviewed and determined that actions already taken are sufficient
 - v. **The IACUC approved as written, no additional changes**
- d. Fall 2021 – PI locations
 - i. A few outstanding locations – can determine severity and course of action in December
 - ii. 19 locations with unresolved findings
 - 1. All have been notified, waiting for response
 - 2. Date for when they need to be complete by December 13th
 - iii. 1 location with significant findings
 - 1. Potential for animal harm due to lack of aseptic technique and inappropriate recovering of the animals post surgery.
 - 2. Training documents will need to be required
 - 3. Review protocol from staff
 - 4. Identification of deficiencies and monitored by vet/PAM

- 5. Discuss with PI the issues
 - a. 1 week for initial response
 - b. By December meeting needs to be mitigated
- iv. 1 location with resolved findings: Significant and suggestion for improvement
 - 1. Has been addressed
 - 2. Approved to Close
- v. 82 locations with no findings

7. IACUC programmatic changes

- a. Programmatic changes made in the past six months were reviewed. Of note:
 - i. Item 1: S-6 named Chair; S-9 named Vice-Chair; V-2 moved V-1, and named Attending Veterinarian
 - i. Item 2: Semiannual inspections of facilities were conducted mostly in person
 - ii. Item 43: The SVPR/IO allowed the return to full scope of research with some scale limitations
 - iii. Item 4: I-IC-GU-302 Lab Training Documentation, I-IC-SOP-118 Lab Training Documentation, and supporting forms and documents were approved to require training documentation in PI labs.
- b. **IACUC approved with no changes**

8. Review of MOU activity reports

- a. No adverse events reported from other institutions

9. Summary of incident, non-compliance and adverse event reporting

- a. A summary of incidents, non-compliance and adverse events since the last programmatic review was reviewed. Of note:
 - i. 0 non-compliance
 - ii. 1 incident
 - iii. 7 adverse events
 - iv. All events have been discussed and plans of action approved previously at convened IACUC meetings

10. Programmatic report to the IO

- a. Document was reviewed and outline was explained

The meeting was adjourned at 11:28 and quorum was maintained for the duration.

*Denotes a USDA species

Minutes compiled by IACUC Specialist.

This document is confidential and intended solely for the use of the individual or entity to whom it was addressed. If it is necessary to disseminate any of this information for official purposes, the non-essential information should be redacted.

Active UA Memoranda of Understanding (MOU)

MOU #	UA PI	External Institution
2019-001-M		UC Davis
2019-004-M; 2021-009-M		Texas Tech University Health Sciences Center
2020-002-M		Univeristy of Minnesota
2020-004-M		University of Nevada - Reno
2020-005-M		Johns Hopkins University
2020-007-M		Cincinnati Childrens Hospital
2020-009-M		Mayo Clinic - Jacksonville
2020-011-M		Joslin Diabetes Center
2021-001-M		University of South Florida
2021-002-M		Midwestern University
2021-003-M		Cedars-Sinai
2021-004-M		University of Miami (Animal Care)
2021-005-M		Emory University
2021-006-M		Johns Hopkins University
2021-007-M		UC Davis

Active Non-UA MOUs

Protocol #	UA PI	External Institution
07-029		University of Arkansas
14-554		Wayne State University
16-170		Duke
[any]		SAVAMC
18-440		University of Michigan
06-036		University of Chicago
12-391		University of Pennsylvania
20-638		University of Miami
17-360		Midwest University

Semi-Annual Inspection -
Locations with No Findings

Total: 379

Principal Investigator Inspection Location

[REDACTED]	
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Total: 379

Total: 379

Principal Investigator Inspection Location

Total: 379

Obtained by Rise for Animals.
 https://www.rise.org/animal-rights/animal-research/animal-testing/animal-testing-127126-231109000

Semi-Annual Inspection -
Locations with No Findings

Total: 379

Principal Investigator Inspection Location

[REDACTED]	
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Semi-Annual Inspection - Locations with No Findings

Total: 379

Principal Investigator Inspection Location

100

Semi-Annual Inspection - Locations with Resolved Findings [SFI/Minor]

Total: 70

PI: [REDACTED] Location: [REDACTED] ☐ SFI ☒ Minor ☐ Significant ☐ Incident ☐ Non-compliance ☐ Repeat
 Funding Source* [REDACTED] USDA? [REDACTED] UAC [REDACTED]

Observations Date Inspected**: 8/6/2021

PI Response

Date Corrected: 9/20/21

Rm [REDACTED]: Isoflurane Vaporizer expired (4/26/2018 last Cert date)

Certification completed

PI: [REDACTED] Location: [REDACTED] ☐ SFI ☒ Minor ☐ Significant ☐ Incident ☐ Non-compliance ☐ Repeat
 Funding Source* [REDACTED] USDA? [REDACTED] UAC [REDACTED]

Observations Date Inspected**: 8/6/2021

PI Response

Date Corrected: 9/23/21

Feed Storage Room Temperature is not consistently below 70F as required.

Settings adjusted to correct temperature

PI: [REDACTED] Location: [REDACTED] ☐ SFI ☒ Minor ☐ Significant ☐ Incident ☐ Non-compliance ☐ Repeat
 Funding Source* [REDACTED] USDA? [REDACTED] UAC [REDACTED]

Observations Date Inspected**: 8/9/2021

PI Response

Date Corrected: 9/13/21

Findings: Today was a particularly humid day, and we noted several issues with excessive humidity in rooms located on the East side of the Behavior corridor. We understand that a solution to the high humidity issue is being sought. We simply wish to increase the priority of an appropriate solution.

[REDACTED]: 68% humidity in room, with mice individually housed here in non-ventilated cages.
 [REDACTED]: 71% humidity in room; no animals are housed. In addition, this room has an isoflurane vaporizer but no exhaust canister. The vaporizer is not in use, but a canister must be added before use.
 Other rooms on this corridor show room humidity up to 75%.

The vaporizer is attached to a large charcoal filtering device and does not need a canister. Picture attached for clarification.

PI: [REDACTED] Location: [REDACTED] ☐ SFI ☒ Minor ☐ Significant ☐ Incident ☐ Non-compliance ☐ Repeat
 Funding Source* [REDACTED] USDA? [REDACTED] UAC [REDACTED]

Observations Date Inspected**: 8/10/2021

PI Response

Date Corrected: 9/20/21

[REDACTED]: Trash can out of date (Form states Quarterly. Change date is 3/18/21)

Trash can has been removed and replaced and accurately labeled.

PI: [REDACTED] Location: [REDACTED] ☐ SFI ☒ Minor ☐ Significant ☐ Incident ☐ Non-compliance ☐ Repeat
 Funding Source* [REDACTED] USDA? [REDACTED] UAC [REDACTED]

Observations Date Inspected**: 8/10/2021

PI Response

Date Corrected: 9/20/21

[REDACTED]: Ceiling tile in hallway is damaged.

Hall ceiling tile has been fixed.

PI: [REDACTED] Location: [REDACTED] ☐ SFI ☒ Minor ☐ Significant ☐ Incident ☐ Non-compliance ☐ Repeat
 Funding Source* [REDACTED] USDA? [REDACTED] UAC [REDACTED]

Observations Date Inspected**: 8/10/2021

PI Response

Date Corrected: 9/20/21

Mop bucket has no label

Mop Bucket setup has been removed and replaced and accurately labeled.

PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? <input type="checkbox"/> UAC <input type="checkbox"/>
Observations	Date Inspected**: 8/10/2021	PI Response Date Corrected: 9/13/21
Trash bin not labeled [REDACTED] – trash cans have been labeled.		
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? <input type="checkbox"/> UAC <input type="checkbox"/>
Observations	Date Inspected**: 8/10/2021	PI Response Date Corrected: 9/13/21
1244, 1248: Trash bin not labeled. [REDACTED] – trash cans have been labeled.		
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? <input type="checkbox"/> UAC <input type="checkbox"/>
Observations	Date Inspected**: 8/10/2021	PI Response Date Corrected: 9/20/21
[REDACTED]: Food bags in the hood (only to be opened in hood) one was not marked, one marked 6/11. The storage bins indicated mill dates of 4/22/21 and 5/31/21. Which food went in which bin was not clear.		
All Husbandry staff at [REDACTED] has been retrained on the proper labeling of feed/diet bags, storage bins and storage pans to accurately and legibly show the Diet Name and Mill Date. Corrections have been made in the room.		
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? <input type="checkbox"/> UAC <input type="checkbox"/>
Observations	Date Inspected**: 8/10/2021	PI Response Date Corrected:
[REDACTED]: Crack in floor.		
Cracks in floor are scheduled to be repaired in near future when the current Air Handler replacement projects are completed. This will allow the rooms to be vacated for the repairs to be done. The Facility Maintenance Coordinator has this project planned.		
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? <input type="checkbox"/> UAC <input type="checkbox"/>
Observations	Date Inspected**: 8/10/2021	PI Response Date Corrected:
[REDACTED]: PI top storage on hood – bottle of liquid (?saline) >1yr past autoclave date (open top). Crack in floor.		
Items were disposed of. Similar items will be looked for more frequently to prevent expired, unlabeled, or mislabeled items being stored in animal rooms. Cracks in floor are scheduled to be repaired in near future when the current Air Handler replacement projects are completed. This will allow the rooms to be vacated for the repairs to be done. The Facility Maintenance Coordinator has this project planned.		
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? <input type="checkbox"/> UAC <input type="checkbox"/>
Observations	Date Inspected**: 8/10/2021	PI Response Date Corrected: 8/10/21
Two (2) expired drugs. Inspector placed in trash.		
Disposed of at inspection		

PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations	Date Inspected**: 8/10/2021	PI Response Date Corrected: 9/13/21
[REDACTED]: Trash bin not labeled.		[REDACTED] – trash cans have been labeled.
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations	Date Inspected**: 8/10/2021	PI Response Date Corrected: 9/13/21
[REDACTED]: Diet Kitchen: Dry good bins with packages removed have no Expiration date (Purchase and Opened dates only).		[REDACTED] – expiration dates are now being placed on containers.
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations	Date Inspected**: 8/10/2021	PI Response Date Corrected: 9/13/21
1229 Surgery Aux Rm: Mop bucket not labeled.		[REDACTED] – mop bucket labeled.
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations	Date Inspected**: 8/10/2021	PI Response Date Corrected: 9/20/21
[REDACTED]: Alkalinity test strip - Expired 6/21.		Items were disposed of. Similar items will be looked for more frequently to prevent expired, unlabeled, or mislabeled items being stored in animal rooms
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations	Date Inspected**: 8/10/2021	PI Response Date Corrected: 9/20/21
[REDACTED]: Hall ceiling tile outside room is broken. Mop bucket has no label. Expired Ophthalmic Solution.		Hall ceiling tile has been fixed. Mop Bucket setup has been removed and replaced and accurately labeled. Items were disposed of. Similar items will be looked for more frequently to prevent expired, unlabeled, or mislabeled items being stored in animal rooms.
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations	Date Inspected**: 8/10/2021	PI Response Date Corrected:
[REDACTED]: Crack in floor.		Cracks in floor are scheduled to be repaired in near future when the current Air Handler replacement projects are completed. This will allow the rooms to be vacated for the repairs to be done. The Facility Maintenance Coordinator has this project planned.

Updated to Animal Research Laboratory Overview (ARLO) on 05/10/2023

PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations	Date Inspected**: 8/10/2021	PI Response
[REDACTED]: Food bin not labeled (Type of food or Date).		All Husbandry staff at [REDACTED] has been retrained on the proper labeling of feed/diet bags, storage bins, and storage pans to show the Diet Name and Mill Date accurately and legibly. Corrections have been made in the room.
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations	Date Inspected**: 8/10/2021	PI Response
[REDACTED]: Food bags in the hood were labeled, but one date was rubbed off (showed as 4/2.....). The Storage bins indicated mill dates which were correct (4/22/21 for the rubbed off bag).		All Husbandry staff at [REDACTED] has been retrained on the proper labeling of feed/diet bags, storage bins and storage pans to accurately and legibly show the Diet Name and Mill Date. Corrections have been made in the room.
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations	Date Inspected**: 8/10/2021	PI Response
[REDACTED]: Unlabeled media. Crack in floor.		Items were disposed of. Similar items will be looked for more frequently to prevent expired, unlabeled, or mislabeled items being stored in animal rooms. Cracks in floor are scheduled to be repaired in near future when the current Air Handler replacement projects are completed. This will allow the rooms to be vacated for the repairs to be done. The Facility Maintenance Coordinator has this project planned.
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations	Date Inspected**: 8/11/2021	PI Response
Room [REDACTED]: Bag with clips to hold trats and enrichment are in a Ziplock bag and rusted (possibly cleaned and put away without drying)		SHOWED PI AND ITEMS WERE DISPOSED OF AND NEW ITEMS PURCHASED
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations	Date Inspected**: 8/11/2021	PI Response
Rooms [REDACTED]: all had very dark/dirty air filters. (PI to change those filters?)		ALL FILTERS HAVE BEEN REPLACED; UAC WILL CHECK MONTHLY AND CHANGE AS NEEDED
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations	Date Inspected**: 8/11/2021	PI Response
Rooms [REDACTED]: all had very dark/dirty air filters. (PI to change those filters?)		ALL FILTERS HAVE BEEN REPLACED; UAC WILL CHECK MONTHLY AND CHANGE AS NEEDED

Updated to Animal Research Laboratory (ARLO) by Rise for Animals

*Non-compliance only

**Physical location inspections only - does not apply to surgical record review

PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations Date Inspected**: 8/11/2021		PI Response Date Corrected: 9/7/21
Rooms [REDACTED]: all had very dark/dirty air filters. (PI to change those filters?)		ALL FILTERS HAVE BEEN REPLACED; UAC WILL CHECK MONTHLY AND CHANGE AS NEEDED
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations Date Inspected**: 8/11/2021		PI Response Date Corrected: 9/7/21
Rooms [REDACTED]: all had very dark/dirty air filters. (PI to change those filters?)		ALL FILTERS HAVE BEEN REPLACED; UAC WILL CHECK MONTHLY AND CHANGE AS NEEDED
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations Date Inspected**: 8/11/2021		PI Response Date Corrected: 9/7/21
Rooms [REDACTED]: all had very dark/dirty air filters. (PI to change those filters?)		ALL FILTERS HAVE BEEN REPLACED; UAC WILL CHECK MONTHLY AND CHANGE AS NEEDED
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations Date Inspected**: 8/11/2021		PI Response Date Corrected: 9/7/21
Room [REDACTED]: both BCS had considerable amount of bedding and debris under the grit, label showed last cleaning on 7/27/20, Should be cleaned in depth every 6 months		ADDRESSED WITH STAFF AND CLEANED
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations Date Inspected**: 8/11/2021		PI Response Date Corrected: 9/7/21
Rooms [REDACTED]: all had very dark/dirty air filters. (PI to change those filters?)		ALL FILTERS HAVE BEEN REPLACED; UAC WILL CHECK MONTHLY AND CHANGE AS NEEDED
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations Date Inspected**: 8/11/2021		PI Response Date Corrected: 9/7/21
Room 228: No label on mop bucket		Replaced and labeled

Created by Rise for Animal Health Laboratory (ARLO) on 05/10/2020

PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations Date Inspected**: 8/11/2021		PI Response Date Corrected: 8/11/21
Room [REDACTED]: Expired unused triple antibiotic (exp date 6/24/21), box of unused 22G needles (exp date 6/30/21), and expired petroleum jelly (exp date 7/31). All discarded at inspection. Rooms [REDACTED]: all had very dark/dirty air filters. (PI to change those filters?)		(Expired items): Disposed of at inspection, WAS ADDRESSED WITH PI STAFF; (filters): ALL FILTERS HAVE BEEN REPLACED; UAC WILL CHECK MONTHLY AND CHANGE AS NEEDED
PI: [REDACTED]	Location: [REDACTED]	<input checked="" type="checkbox"/> SFI <input type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations Date Inspected**: 8/11/2021		PI Response Date Corrected: 9/7/21
Room [REDACTED]: Bottom of the cage has little stairs that heavily soiled, they only are cleaned every 6months (Opportunity for improvement)		Cleaned; SPOKE WITH PI ON RECOMMENDATION OF MORE FREQUENT PERCH CLEANINGS; PI IS NOW STAFFED BETTER SO SHOULD NOT REOCCUR.
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations Date Inspected**: 8/11/2021		PI Response Date Corrected: 9/7/21
Rooms [REDACTED]: Biohazard bins have no labels.		REPLACED AND LABELED
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations Date Inspected**: 8/11/2021		PI Response Date Corrected: 9/7/21
Rooms [REDACTED]: Biohazard bins have no labels.		REPLACED AND LABELED
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations Date Inspected**: 8/11/2021		PI Response Date Corrected: 9/7/21
Rooms [REDACTED]: Biohazard bins have no labels. Room [REDACTED]: [REDACTED] in clean but has no label of the last time it was cleaned		(Biohazard bins) REPLACED AND LABELED; BSC WAS CLEANED PRIOR TO ROOM OPENING IN AUGUST; NOW PROPERLY DATED
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? [REDACTED] UAC [REDACTED]
Observations Date Inspected**: 8/11/2021		PI Response Date Corrected: 8/11/21
Room [REDACTED] (Procedure): Special diet - MFG stamped date 6/14/2021. Handwritten Expiration date 6/14/2021 (this should be 12/14/2021 – erroring filling out the Exp date: food is still within in usage time).		Label was corrected at time of inspection

PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? Yes <input type="checkbox"/>
Observations	Date Inspected**: 8/11/2021	PI Response Date Corrected: 10/28/2021
CVM Equine, Cattle [REDACTED] – RLSS has not audited location for chem/rad/bio safety purposes since equine facility opened. Recommend they contact RLSS to schedule. Safety signage in place but was not RLSS supplied and thus may be incomplete.		From [REDACTED] 9/7/21: I really appreciate the update and have added [REDACTED] to this email so that my team and I [REDACTED], and I) can discuss next steps re: signage. 10/28/2021: RLSS has provided appropriate signage
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? Yes <input type="checkbox"/>
Observations	Date Inspected**: 8/11/2021	PI Response Date Corrected: 10/28/2021
CVM Equine, Cattle [REDACTED] – RLSS has not audited location for chem/rad/bio safety purposes since equine facility opened. Recommend they contact RLSS to schedule. Safety signage in place but was not RLSS supplied and thus may be incomplete.		From [REDACTED] 9/7/21: I really appreciate the update and have added [REDACTED] to this email so that my team and I [REDACTED], and I) can discuss next steps re: signage. 10/28/2021: RLSS has provided appropriate signage
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? No <input type="checkbox"/>
Observations	Date Inspected**: 8/11/2021	PI Response Date Corrected: 9/7/21
Ag sheep [REDACTED] & Ag cattle [REDACTED] – The ag sheep and cattle herds do not have documentation of daily animal observations and care. The Ag Guide states that animals should be observed at least once daily and food/water must be provided on a regular schedule, and without any record, this is not verifiable during inspection. A documentation method should be implemented to ensure adherence to the Ag Guide.		From [REDACTED] 9/7/21: We'll initiate a daily check sheet for routine animal observations. However, all animals are fed, watered, and observed daily.
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? No <input type="checkbox"/>
Observations	Date Inspected**: 10/6/2021	PI Response Date Corrected: 12/2/21
Pool needs to be repainted		Pool has been repainted
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? No <input type="checkbox"/>
Observations	Date Inspected**: 10/6/2021	PI Response Date Corrected: 10/8/21
Needs emergency & allergen alert signs		Signs posted

PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? No
Observations	Date Inspected**: 10/7/2021	PI Response Date Corrected: 12/2/21
After hours UAC emergency contact list is not posted in the zebrafish satellite facility. Lab needs to post the current weekly UAC emergency contact list in this satellite facility whenever live animals are present.		Emergency contact signage posted
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? No
Observations	Date Inspected**: 10/7/2021	PI Response Date Corrected: 10/15/21
bell jar lid for euthanasia lid broken, currently using saran wrap. New lid ordered		Received & replaced
PI: [REDACTED]	Location: [REDACTED]	<input checked="" type="checkbox"/> SFI <input type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? No
Observations	Date Inspected**: 10/7/2021	PI Response Date Corrected:
One isoflurane station needs calibration (last calibration 9/2015) Not in use currently. Will schedule recertification.		
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? No
Observations	Date Inspected**: 10/7/2021	PI Response Date Corrected: 12/2/21
After hours UAC emergency contact list is not posted in the zebrafish satellite facility. Lab needs to post the current weekly UAC emergency contact list in this satellite facility whenever live animals are present.		Emergency contact info posted
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input checked="" type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? No
Observations	Date Inspected**: 10/7/2021	PI Response Date Corrected: 10/7/21
Two electric plug in (Walgreens) heating pads still in use. PI is aware of IACUC directive to change if possible. She is waiting for these to 'die' before using another method.		Will take into consideration
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input checked="" type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? No
Observations	Date Inspected**: 10/7/2021	PI Response Date Corrected:
Two electric plug in (Walgreens) heating pads still in use. PI is aware of IACUC directive to change if possible. She is waiting for these to 'die' before using another method.		Noted

PI: [REDACTED]	Location: [REDACTED]	<input checked="" type="checkbox"/> SFI	<input type="checkbox"/> Minor	<input type="checkbox"/> Significant	<input type="checkbox"/> Incident	<input type="checkbox"/> Non-compliance	<input type="checkbox"/> Repeat
		Funding Source*		USDA? No			
Observations		Date Inspected**: 10/7/2021		PI Response		Date Corrected: 10/15/21	
Suggest adding alcohol disinfection of skin prior to intracardiac injection of cells to IACUC protocol.				Will take into consideration			

PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI	<input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Significant	<input type="checkbox"/> Incident	<input type="checkbox"/> Non-compliance	<input type="checkbox"/> Repeat
		Funding Source*		USDA? No			
Observations		Date Inspected**: 10/7/2021		PI Response		Date Corrected: 12/2/21	
1) Using the Open Anesthesia method for ISO: Iso placed on a cotton ball in a small chamber. There is no barrier between the mouse and the Iso soaked cotton ball. Advised they must create a barrier. 2) No "Allergen Alert" sign on the outside door. Advised this must be put up and explained where to find the sign.				1. Procedure has been corrected to include a barrier for iso; 2. Signage posted			

PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI	<input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Significant	<input type="checkbox"/> Incident	<input type="checkbox"/> Non-compliance	<input type="checkbox"/> Repeat
		Funding Source*		USDA? No			
Observations		Date Inspected**: 10/7/2021		PI Response		Date Corrected: 12/2/21	
Lab is placing mice directly on isoflurane gauze in euthanasia chamber. Lab should place isoflurane gauze in a separate container (such as a 15 mL conical with lid off) or underneath a raised floor within the euthanasia chamber to prevent mice from having direct contact with isoflurane.				PI has updated procedure as recommended by [REDACTED] during inspection: Yes, we are using a conical container for the iso, per [REDACTED] suggestion during the inspection.			

PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI	<input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Significant	<input type="checkbox"/> Incident	<input type="checkbox"/> Non-compliance	<input type="checkbox"/> Repeat
		Funding Source*		USDA? No			
Observations		Date Inspected**: 10/7/2021		PI Response		Date Corrected: 12/2/21	
Isoflurane vaporizer is new – has not inspection date. The lab has already scheduled an Appt for calibration with JD Medical.				Has been calibrated			

PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI	<input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Significant	<input type="checkbox"/> Incident	<input type="checkbox"/> Non-compliance	<input type="checkbox"/> Repeat
		Funding Source*		USDA? No			
Observations		Date Inspected**: 10/7/2021		PI Response		Date Corrected: 12/2/21	
After hours UAC emergency contact list is not posted in the zebrafish satellite facility. Lab needs to post the current weekly UAC emergency contact list in this satellite facility when live animals are present.				Contact info posted			

PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI	<input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Significant	<input type="checkbox"/> Incident	<input type="checkbox"/> Non-compliance	<input type="checkbox"/> Repeat
		Funding Source*		USDA? No			
Observations		Date Inspected**: 10/8/2021		PI Response		Date Corrected: 10/13/21	
Verify CO2 flow rate is meeting 30-70% displacement as per AVMA guidelines							

PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? No
Observations	Date Inspected**: 10/8/2021	PI Response
Allergen sign missing		Date Corrected: 10/13/21
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? No
Observations	Date Inspected**: 10/8/2021	PI Response
Diluted bottle of sterile drug compound missing expiration date		Date Corrected: 10/8/21
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? No
Observations	Date Inspected**: 10/8/2021	PI Response
Diluted bottle of sterile drug compound missing expiration date		Date Corrected: 10/8/21
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? No
Observations	Date Inspected**: 10/8/2021	PI Response
Diluted bottle of sterile drug compound missing expiration date		Date Corrected: 10/8/21
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? No
Observations	Date Inspected**: 10/8/2021	PI Response
Diluted bottle of sterile drug compound missing expiration date		Date Corrected: 10/8/21
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? No
Observations	Date Inspected**: 10/8/2021	PI Response
Missing allergen sign; verify CO2 rate		Date Corrected: 10/9/21
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? Yes
Observations	Date Inspected**: 10/8/2021	PI Response
A bottle of Expired (7/21) Bacteriostatic Saline was found. [REDACTED] tossed it immediately and showed us the new box of 'in date' saline. That bottle was buried and had not been used for anything with the animals.		Date Corrected: 10/8/21
Disposed of at inspection		

PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input checked="" type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? No
Observations	Date Inspected**: 10/18/2021	PI Response Date Corrected: 12/2/21
-No calibration record for the isoflurane machine -Anesthesia nose cones appear dirty. Needs cleaning -Isoflurane scavenger cartridge is unmarked. Please replace, write down the installation date and initial weight. Monitor the weight monthly (or as needed) -Sharp container was overfilled. Please replace. -Sterile gloves were expired. Please replace. -The overall procedure was unclear. Please go back to the protocol and make sure it is followed precisely, including the approved euthanasia procedure. Contact the veterinary team for clarification and further information. -Recovery of the animal after anesthesia should be done in an empty cage with half of the floor heated. -Maintain a log of the injections administered and of euthanasia		PAM meeting 12/2/2021 Items have been addressed: PI will schedule calibration for new machine. Items have been cleaned/replaced, proper recovery discussed, logs are in place, and procedure has been clarified and is followed.
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? No
Observations	Date Inspected**: 10/18/2021	PI Response Date Corrected: 10/18/2021
Expired saline bottle. Was discarded during the inspection.		Discarded during inspection
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? No
Observations	Date Inspected**: 10/18/2021	PI Response Date Corrected: 10/18/21
Expired saline bottle. Was discarded during the inspection.		Discarded during inspection
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? No
Observations	Date Inspected**: 10/25/2021	PI Response Date Corrected: 12/2
-Sharp container overfull -Diluted ethanol bottles without 'flammable' tag, and date of dilution/preparation -No allergy signage		Container disposed of; Labels updated; allergy signs posted
PI: [REDACTED]	Location: [REDACTED]	<input type="checkbox"/> SFI <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Significant <input type="checkbox"/> Incident <input type="checkbox"/> Non-compliance <input type="checkbox"/> Repeat
Funding Source* [REDACTED]		USDA? No
Observations	Date Inspected**: 10/28/2021	PI Response Date Corrected: 12/2/21
Expired betadine		Disposed of

Semi-Annual Inspection - Locations with Resolved Findings [Significant/Potential Noncompliance]

Total: 1

 PI: Location: ☐ SFI ☐ Minor ☒ Significant ☐ Incident ☐ Non-compliance ☐ Repeat

 Funding Source* USDA? No
Case Number [Incident/Non-compliance]

Observations

Date Inspected**: 10/14/2021

1] Iso capture needs weight
 2] Expired saline - disposed of at inspection
 3] Instruments used on multiple animals with etd4 wipe , recommend bead or tips only- protocol states new instruments or bead sterilization or new scalpel blade between each animal

PI Response

Date Corrected: 10/18/21

1] Started recording weight
 2] Disposed of during inspection
 3] Have begun using new pack between each animal