

Memorandum to: Dr. Susan Martinis
From: Institutional Animal Care and Use Committee
Subject: Semiannual Report of the Program Review and Facility Inspection
Date: November 10, 2020

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 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.](#)): [optional]

none

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.

Select A or B:

- ☐ A. There were no departures during this reporting period.
☒ B. The following departures have been reviewed and approved by the IACUC: *[include reason for each departure]*

Agricultural housing for biomedical study; extended cage or cage furnishing change/cleaning interval; reduced frequency for bedding/cage changes; food/water restriction/deprivation; individual housing; non-standard lighting/temperature/noise conditions; risk of death from seizure (in rodents); reduced/exempted acclimation period; multiple major survival surgeries; delayed weaning of mice pups; reduced floor/feeder space allowance or increased stocking density; biomedical sow housing in farrowing crates/stalls for an extended period; gestation crates smaller than Ag guide recommendations; death as an endpoint (in fish - per EPA guidelines); prolonged restraint; use of Freund's Complete adjuvant; wire-bottom caging. [scientific justification provided for each - available upon request]

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

Animal Care and Use Program Review Date(s): 11/05/2020

Select A or B:

- ☒ A. There were no deficiencies in the program during this reporting period.
☐ B. The following deficiencies have been identified: *[describe each deficiency, identify each deficiency as either minor or significant, and provide a reasonable and specific plan and schedule for the correction of each deficiency, deficiencies may be recorded on a separate table and attached, the last page of OLAW's Sample Semiannual Program Review and Facility Inspection Checklist provides a sample table]*

College of ACES

Inspection Date: 8/11/2020

Inspection Summary: Instructional laboratory rooms [REDACTED] and [REDACTED] ([REDACTED]) were visited where chicks for teaching labs may be housed and procedures may be performed on chickens. No deficiencies were noted.

Inspection Date: 9/24/2020

Inspection Summary: Cattle and sheep appeared to be in good health and condition. Drugs were all in date. Records were good. Feedlot buildings are in good repair. Working areas are in good repair. With three waste management pumps awaiting repair/replacement (delayed by COVID-19 from suppliers), some pens and working areas were a little dirtier than usual. [REDACTED] pasture and pens are in good shape. Records were complete. All supplies were current. Management continues to be excellent. One minor deficiency was noted.

Deficiency:

Minor - Building [REDACTED] - Pen [REDACTED] - Cable over feed trough was frayed, and broken end was protruding into animal area.

Correction: Free end of wire should be covered or trimmed.

Correct by Date: 12/15/2020

Inspection Dates: 8/13/2020

Inspection Summary: Rooms [REDACTED] & [REDACTED] visited where food is stored and euthanasia will be performed ([REDACTED]) No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where euthanasia will be performed [REDACTED] No deficiencies were noted.

Inspection Date: 9/25/2020

Inspection Summary: Unit was empty at time of inspection. Building was in good repair. Graduate students were well-informed regarding proper PPE use during trials. No deficiencies were noted.

Inspection Date: 9/25/2020

Inspection Summary: Animals of all ages appear to be in good condition. Farm is milking ~85 cows, 2 x day. Recent reports indicate that SCC was significantly higher for the last 3 months compared to previous 5 months, and documentation points to possible equipment or equipment cleaning procedure issues. Main milking herd is housed in [REDACTED] Free stall [REDACTED] and [REDACTED] were being used to house dry cows from the Vet Med teaching herd. North and South tie stall barns were empty but some critical structural repairs have been made, and a new experiment is planned for these buildings. [REDACTED] barn treatment area has not been used since Fall 2019 and was not inspected. Minor treatments are being performed in the [REDACTED] barn; major cases are sent to the [REDACTED] for treatment. A few minor deficiencies were noted.

Deficiencies:

Minor - [REDACTED] - [REDACTED] - the south end of the roof is missing some roofing panels.

Correction: Contact F&S for scheduling roof repairs.

Correct by Date: 12/15/2020

Minor - Not all electrical outlets at the [REDACTED] appear to be GFCI protected. Specifically, the room containing the hot water heater in [REDACTED] Bldg [REDACTED] appears to be lacking GFCI outlets.

Correction: Please submit a work order to verify that all electrical outlets are GFCI protected at this location.

Correct by Date: 12/15/2020

Minor - [REDACTED] stalls - Older waterers may not have GFCI protection.

Correction: Contact F&S to examine the circuits and add GFCI protection where needed.

Correct by Date: 12/15/2020

Minor - [REDACTED] Barn - One ventilation fan on north wall was extremely noisy due to broken belt tensioner.

Correction: Repair or replace fan.

Correct by Date: 12/15/2020

Minor - [REDACTED] Barn - 2 x 4 boards were being used to train cows to not pass under central divider. These should be removed once cattle are trained rather than being left indefinitely.

Correction: Create SOP to assure training boards are removed promptly after cows are trained.

Correct by Date: 12/15/2020

Minor - [REDACTED] - On north wall in the cattle area there is a receptacle with no cover.

Correction: Replace missing cover.

Correct by Date: 12/15/2020

Minor - [REDACTED] - Metal grate stairs to milking floor are severely rusted and partially broken through, and present a hazard to personnel.

Correction: Provide a plan for the replacement of the stairs.

Correct by Date: 12/15/2020

[REDACTED] (ad hoc)

Inspection Date: 10/16/2020

Ad hoc inspection of the [REDACTED] Barn was performed. After some time being unused, it has had some repairs made and is planned to be used in late October. Feeder dividers are new, and the north entrance was repaired and new door attachments installed. Two minor deficiencies were noted.

Deficiencies:

Minor - The south door, east side has a glass window, but the surrounding structure has deteriorated to the extent that it does not support the glass.

Correction: Repair in such a way as to prevent the glass from falling out (remove or cover glass, or repair door).

Correction Date: 10/19/2020

Minor - The tie stalls contain old, used bedding sand, and mats have sand underneath them.

Correction: Old sand should be completely removed, and mats placed on concrete stall surface before fresh sand is added.

Correction Date: 10/19/2020

	Inspection Date: 8/27/2020
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Inspection Summary: As suggested from the last inspection, a training on euthanasia was provided for all of the farm staff, specifically on the captive bolt gun. Records were in good order. There was a good plan in place for pasture management and rotational grazing. The organizational plans that were underway last year have been implemented. Communication between the manager and farm staff appears to be very good. Research projects and upcoming animal movements and herd processing plans were clear and well organized. All medications were in date. Medical records were documented appropriately. Herd size has decreased with the culling of non-productive animals. Cows and calves appeared to be in good health and adequate body condition. Plans are being made for winter feeding strategies. The hospital pens were empty. No deficiencies were noted.

– Investigator Maintained Areas	Inspection Date: 8/11/2020
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Inspection Summary: Room [REDACTED] and [REDACTED] were visited where terminal procedures are performed [REDACTED]. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was inspected. A minor deficiency was noted.

Deficiency:

Minor - In Room [REDACTED], there were three liquid filled spray bottles with inadequate labeling: two were unlabeled and one labeled Chlorhexidine did not have an expiration date.

Correction: Materials stored in any type of secondary container should be properly labeled with contents, concentration and expiration date.

Comments: 8/12/20 e-mail response from PI stating the bottles have either been removed from [REDACTED] or properly labeled and that includes addition of an expiration date on the bottle labeled 'Chlorhexidine'. The labels had fallen off of the 2 unlabeled bottles which contained ethanol. The lab will monitor for this issue going forward.

Correction Date: 8/12/2020

Inspection Date: TBD

Inspection Summary: New mill will be inspected in mid-November.

Inspection Date: 9/25/2020

Inspection Summary: No animals were housed at the facility at the time of inspection. Facility is clean and in good repair. There are plans to reconfigure some pens for larger group sizes. No deficiencies were noted.

Inspection Date: 9/11/2020

Inspection Summary: Horses appeared in good condition. Fences on south end of the farm have had boards replaced with pipe. Medical and daily care records were complete. The Barn stalls appear to be in good repair. Farm staff was able to cope with reduced labor availability due to COVID-19 by moving most of the animals off site temporarily and using technology for foal watches. Manager reports that pastures with problematic waterers due to electrical issues will not be used over winter. The manager reported during the last inspection (2/26/20) that the Barn was not being used for housing any more. During this inspection, two mares and their foals were being housed in the west side stalls. Those stalls seemed to have adequate structural integrity from a non-expert examination, but it is known from previous visits that some stall walls were in poor condition and must not be used. One deficiency was noted.

Deficiency:

Minor - Barn - Some stalls were not fit for use due to poor wall integrity during last inspection.

Correction: Place signage on the SE stalls indicating that no animals should be housed there.

Correct by Date: 12/15/2020

Inspection Date: 9/29/2020

Inspection Summary: The pigs were in good condition. The facility was clean. All the drugs were in date and each room with drugs in it had a monthly check list demonstrating that the farm staff regularly monitored for any out-of date drugs. SOPs and drug use charts were posted. Treatment sheets for sick or vaccinated animals were posted as well as the twice daily observation sheets that included daily humidity and temperature records. No deficiencies were noted.

- Investigator Maintained Areas

Inspection Date: 8/13/2020

Inspection Summary: A minor deficiency was noted.

Deficiency:

Minor - There is powdered diet in refrigerator outside room) in secondary containers and the labeling is illegible.

Correction: Food stored in secondary containers needs to be clearly labeled with contents, mill date and expiration date.

Comments: Relabeled 8/19/20 per

Correction Date: 8/19/2020

Inspection Date: 9/11/2020

Inspection Summary: Facility was clean and in good condition. No deficiencies were noted.

Inspection Date: 9/28/2020

Inspection Summary: All animals were on pasture at the time of inspection. Pastures and fences appeared to be in good condition. Other buildings were in good condition. Records were very thorough. No expired drugs were present. The working chute has been completely replaced and floor resurfaced. Working animals through the facility and keeping the area clean is very much improved. No deficiencies noted.

Inspection Date: 9/29/2020

Inspection Summary: The surgery suite and recovery pens are clean and in good repair. The facility had not been used recently so no animals or surgical records were located in this facility on the day of inspection. No deficiencies were noted.

Inspection Date: 9/24/2020

Inspection Summary: Facility was in excellent condition, clean and well-organized. Animals appeared to be thriving in the artificial rearing system. Manager and graduate student who were present were well-versed in all procedures. Records were thorough. No deficiencies were noted.

Inspection Date: TBD

Inspection Summary: Will be inspected in mid-November.

Inspection Date: 8/28/2020

Inspection Summary: This facility was in shower in/out mode at the time of inspection. Animals appeared in good health. Overall management was excellent. Facilities are generally in good repair. One set of doors at farrowing was replaced with an evaporative cooling system. Continued monitoring of older metabolism crates is essential. No deficiencies were noted.

Beckman Institute

– PI Maintained Spaces

Inspection Date: 9/8/2020

Inspection Summary: The [REDACTED] Rooms [REDACTED] and [REDACTED] was inspected. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where imaging and surgical procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where imaging procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] ([REDACTED], and [REDACTED]) was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] ([REDACTED]), and [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] & [REDACTED] ([REDACTED]) were visited where fish are housed. No deficiencies were noted.

Inspection Summary: Individual laboratory room [REDACTED] was visited where imaging and other procedures are performed by multiple PIs. No deficiencies were noted.

Inspection Summary: Room [REDACTED] ([REDACTED]) was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] & [REDACTED] ([REDACTED]) were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] ([REDACTED]) was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] ([REDACTED]) was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] & [REDACTED] ([REDACTED]) were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] ([REDACTED]) was visited where procedures will be performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] ([REDACTED]) was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] ([REDACTED]) was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] ([REDACTED]) was visited where animals are housed and procedures are performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] & [REDACTED] ([REDACTED]) were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] ([REDACTED]) was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] ([REDACTED]) was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] & [REDACTED] ([REDACTED]) was visited where procedures are performed. No deficiencies were noted.

College of Veterinary Medicine

Inspection Date: TBD

Inspection Summary: Will be inspected in mid-November.

– PI Maintained Areas

Inspection Date: 8/21/2020

Inspection Summary: Rooms [REDACTED] were visited. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] & [REDACTED] were visited where animals may be housed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where birds are housed. No deficiencies were noted.

Inspection Summary: The new [REDACTED] and housing rooms of the [REDACTED] were visited where animals are housed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where surgical procedures are performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED], and [REDACTED] were visited where procedures are performed and housing takes place. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures are performed. No deficiencies were noted.

– PI Maintained Areas

Inspection Date: 8/18/2020

Inspection Summary: Room [REDACTED] was visited where animals are housed & procedures are performed. One minor deficiency was noted.

Deficiency:

Minor - In Room [REDACTED] there were rusted cleaning tools and a rusted snare.

Correction: Rusted equipment should be replaced.

Correction Date: 8/19/2020

Comments: [REDACTED] e-mailed IACUC stating that he had removed the rusted equipment from the room on 8/19/20.

Inspection Summary: Rooms [REDACTED] & [REDACTED] were visited where animals are housed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] & [REDACTED] were visited where animals procedures will be performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures and euthanasia are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures and euthanasia are performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] & [REDACTED] were visited where behavioral testing is performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures and euthanasia are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures (frogs) and euthanasia (frogs, mice) are performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] & [REDACTED] were visited where euthanasia is performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where euthanasia is performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures and euthanasia are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where euthanasia is performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] & [REDACTED] were visited where procedures and euthanasia are performed. No deficiencies were noted.

Inspection Summary: The snake enclosure just outside [REDACTED] was visited where an animal is housed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was inspected. Several minor deficiencies were noted.

Deficiencies:

Minor - In Room [REDACTED] ([REDACTED]-lab maintained space) there was bedding and food inside multiple light tight housing chambers. No animals were currently housed in the chambers.

Correction: In lab-maintained rooms within the animal care facility, the PI is responsible for removing bedding and feed post-study and appropriately sanitizing secondary housing, such as the light tight chambers.

Correction Date: 8/27/2020

Comments: On 8/31/2020, the PI e-mailed IACUC stating the light tight housing chambers had been cleaned and disinfected by lab personnel (S.S.).

Minor - In Room [REDACTED] ([REDACTED]-lab maintained space): In Cubicle G, there was a glass beaker with an unlabeled 50 ml conical tube containing a liquid and an unlabeled syringe with an uncapped needle. In Cubicle J: There was an unlabeled 50 mls conical tube containing a liquid.

Correction: Materials stored in any type of secondary container should be properly labeled with contents, concentration and expiration date. Sharps must be disposed of properly in an approved Sharps Disposal Container.

Correction Date: 8/27/2020

Comments: On 8/31/2020, the PI e-mailed IACUC stating the unlabeled tubes and syringes had been removed from Room [REDACTED] of by lab personnel (S.S.).

Minor - In Room [REDACTED] ([REDACTED]-lab maintained space): In Cubicle L, there is a pile of wire cage lids with running wheels on the floor.

Correction: In lab-maintained rooms within the animal care facility, the PI is responsible for maintaining the rooms in a clean, organized state. Husbandry supplies must be stored appropriately to ensure cleanliness.

Correction Date: 8/27/2020

Comments: On 8/31/2020, the PI e-mailed IACUC stating the wheels had been placed in plastic totes by lab personnel (S.S.).

Inspection Summary: Room [REDACTED] was inspected. Several minor deficiencies were noted.

Deficiencies:

Minor - In Room [REDACTED] ([REDACTED]), there was a scintillation vial containing a liquid that is inadequately labeled. The vial has "E2" written on the cap but there was no expiration date.

Correction: Materials stored in any type of secondary container should be properly labeled with contents, concentration and expiration date.

Correction Date: 8/19/2020

Comments: E-mail reply from [REDACTED] on 9/11/2020 stated that a graduate student had taken care of the vial. A followup e-mail from the graduate student on 9/21/2020 stated that the vial was removed from the housing room and will be disposed of appropriately. The graduate student stated secondary containers will include: general name(description) of the solution; when it was prepared; and when it will expire.

Minor - In Room [REDACTED] ([REDACTED]), there were cage cards with an expired protocol number 17079 (PI:Flaws). The cage cards also had "[REDACTED] Lab" written on the cards.

Correction: Cage cards need to contain updated and complete information as per The Guide for the Care and Use of Laboratory Animals.

Correction Date: 8/19/2020

Comments: E-mail reply from [REDACTED] on 9/11/2020 indicated that a graduate student corrected the cage cards' protocol number and PI's name on 8/19/20.

Inspection Summary: Room [REDACTED] was inspected. A minor deficiency was noted.

Deficiency:

Minor - In Room [REDACTED] ([REDACTED]), there were 6 containers of chicken broth which were not labeled for animal consumption only.

Correction: Label such items in a manner that indicates they are for animal use only.

Correction Date: 8/20/2020

Comments: [REDACTED] e-mail response on 8/20/20 indicated that a graduate student disposed of the 6 boxes of broth. [REDACTED] will remind the lab that such items need to be marked "for animal consumption only".

Inspection Summary: Room [REDACTED] was inspected. A minor deficiency was noted.

Deficiency:

Minor - In Room [REDACTED]), there was an unlabeled 1000mls Pyrex bottle containing a liquid.

Correction: Materials stored in any type of secondary container should be properly labeled with contents, concentration and expiration date.

Correction Date: 8/19/2020

Comments: On 8/20/20, [REDACTED] e-mailed that a graduate student labeled two bottles correctly and removed them from Rm [REDACTED] on 8/19/20. [REDACTED] discussed this issue and appropriate labeling with his lab personnel.

	Inspection Date: 7/8/2020
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Inspection Summary: Horses, sheep and llama on pasture appeared in good condition and well-managed. With one exception, buildings fences and pastures are in good repair. Record keeping was good, no expired drugs were present. Three minor deficiencies were noted.

Deficiencies:

Minor - Building [REDACTED] - Exterior fan cover (east side) for Room [REDACTED] is rusted through and screen is falling off. Room [REDACTED] ceiling is in disrepair and not suitable for use.

Correction: Submit repair request to F&S for Room [REDACTED] Post signs indicating that Room [REDACTED] is not to be used.

Correct by Date: 12/15/2020

Minor - Building [REDACTED] - Gutter is falling off.

Correction: Submit repair request to F&S.

Correct by Date: 12/15/2020

Minor - Building [REDACTED] - For pigs on experiment, a synopsis of the experiment was available but there was no indication which protocol they were on.

Correction: Some indication of the protocol number and PI should be present in the room or near the door where animals are housed.

Correction Date: 10/02/2020

Division of Animal Resources

██████████ – DAR Maintained Areas

Inspection Date: 9/3/2020

Inspection Summary: The facility was well maintained and animal husbandry was good. No deficiencies were noted.

██████████ – DAR Maintained Areas

Inspection Date: 8/27/2020

Inspection Summary: The animal care facility was in good shape and the overall animal care was good. A few minor deficiencies were noted.

Deficiencies:

Minor - In Room ██████████, there was a crack in the ceiling in the area of a previous roof leak.

Correction: Contact F&S to schedule ceiling repair.

Correct by Date: 12/15/2020

Minor - In Room ██████████, the light fixture located below a previous ceiling leak had rusty water stain on the light cover.

Correction: Contact F&S to schedule cleaning or replacement of the light cover.

Correction Date: 8/28/2020

Comments: On 8/28/20, the AC facility manager e-mailed that this light cover had been cleaned by F&S on 8/28/20.

Minor - In Room ██████████, a ceiling light fixture was not working.

Correction: Contact F&S to schedule light fixture repair.

Correction Date: 8/28/2020

Comments: On 8/28/20, the AC facility manager e-mailed that this light cover had been cleaned by F&S on 8/28/20.

Minor - In Room ██████████, there was an expired bottle of Rescue disinfectant (Expiration date 2/2020).

Correction: Expired materials need to be discarded in a timely manner.

Correction Date: 8/28/2020

Comments: The bottle was removed during the inspection. On 8/28/2020, the AC facility manager e-mailed stating that the manager spoke to animal care staff about ensuring that the expiration dates are updated on Rescue bottles.

DAR Vehicles

Inspection Date: 9/30/2020

Inspection Summary: Division of Animal Resources vehicles were inspected. Ford Ranger Pickup Truck, License # ██████████ -- Both heat and air conditioning work properly and the vehicle was clean. Dodge

Ram 1500 Van, License # [REDACTED] -- Both heat and air conditioning work properly and the vehicle was clean. No deficiencies were noted

[REDACTED] – DAR Maintained Areas

Inspection Date: 8/11/2020

Inspection Summary: The facilities were in good condition and the animals appeared well-cared for. A few minor deficiencies were noted.

Deficiencies:

Minor - Rooms [REDACTED] and [REDACTED] had two bottles of Rescue disinfectant, one expired (Exp. 7/22/20) and one with inadequate without an expiration date.

Correction: Expired materials need to be discarded in a timely manner. Bottles need to be clearly labeled with expiration dates.

Correction Date: 8/12/2020

Minor - In Room [REDACTED] the metal door sweep is loose and scraping the floor.

Correction: Contact F&S to schedule repair of the door sweep.

Correction Date: 10/22/2020

[REDACTED] – DAR Maintained Areas

Inspection Date: 8/13/2020

Inspection Summary: The facilities were in good condition and the animals appeared well cared for. A few minor deficiencies were noted.

Deficiencies:

Minor - The north wall in room [REDACTED] has water damage that is ongoing. This same issue can now be seen in hallway between [REDACTED] and [REDACTED].

Correction: Contact F & S to schedule wall repair and painting.

Correct by Date: 12/15/2020

Minor - In room [REDACTED] (dirty side cage wash) there are portions of the ceiling that have peeling paint.

Correction: Contact F & S to schedule repainting of ceiling.

Correct by Date: 12/15/2020

Minor - The changing station serial # [REDACTED] (currently in room [REDACTED]) was past due for certification (7/20).

Correction: Have changing station recertified.

Correction Date: 8/26/2020

Comments: Email from PI 8/14/20 indicates that machine will be labeled as not to be used until calibrated. Calibration completed 8/26/20.

[REDACTED] – DAR Maintained Areas

Inspection Date: 9/15/2020

Inspection Summary: This facility was clean and well maintained. Animal husbandry in this building was good. No deficiencies were noted.

██████████ – DAR Maintained Areas	Inspection Date: 9/15/2020
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Inspection Summary: This facility was clean and well maintained. Animal husbandry in this building was good. No deficiencies were noted.

Inspection Summary: Room ██████ (██████████) was visited where procedures are performed. No deficiencies were noted.

██████████ – DAR Maintained Areas	Inspection Date: 8/25/2020
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Inspection Summary: The facility was in good shape. Animal husbandry was good. No deficiencies were noted.

██████████ – DAR Maintained Areas	Inspection Date: 8/18/2020
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Inspection Summary: The facility looked good overall. Animal husbandry was good. There were a few minor deficiencies were noted. Some minor deficiencies requiring infrastructure repairs have work orders submitted.

Deficiencies:

Minor - In Room ██████ (Clean Cage Wash), the metal vent in the ceiling over the autoclave was rusty.

Correction: Contact F&S to schedule painting or replacement of the vent.

Correction Date: 11/5/2020

Minor - In Room ██████, several light timer knobs were missing from the lighting control panel for the light tight housing chambers.

Correction: Contact F&S to schedule repair of the lighting control panel.

Correct by Date: 12/15/2020

Minor - In Room ██████, the floor area near the drain has several cracks that need to be sealed and repainted.

Correction: Contact F&S to schedule floor repair.

Correction Date: 11/5/2020

Minor - In Room ██████, there was a bottle of Rescue disinfectant without an expiration date.

Correction: Bottles need to be clearly labeled with an expiration date.

Correction Date: 11/5/2020

Minor - In Room ██████, there was a ceiling light fixture that was not working.

Correction: Contact F&S to schedule light fixture repair.

Correction Date: 11/5/2020

Minor - In Room [REDACTED], there was a ceiling light fixture that was not working.

Correction: Contact F&S to schedule light fixture repair.

Correction Date: 11/5/2020

Minor - In Room [REDACTED], there were two ceiling light fixtures that were not working.

Correction: Contact F&S to schedule light fixture repair.

Correction Date: 11/5/2020

Minor - In Room [REDACTED] [REDACTED], there were 2 bottles of MS-222 for DAR use that were expired (Exp. date 6/22/20). Bottles were stored in the freezer.

Correction: Dispose expired material.

Correction Date: 8/20/2020

Comments: Materials were removed from facility and have been labeled not for use.

College of Engineering

Inspection Date: 9/3/2020

Inspection Summary: Rooms [REDACTED] and [REDACTED] ([REDACTED]) were inspected where procedures will be performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] and [REDACTED] ([REDACTED]) were inspected where procedures are performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] & [REDACTED] ([REDACTED]) was inspected where procedures are performed. No deficiencies were noted.

Inspection Date: 9/10/2020

Inspection Summary: Room [REDACTED] was visited where fish are housed ([REDACTED]). No deficiencies were noted.

Inspection Date: 9/10/2020

Inspection Summary: Room [REDACTED] was visited where procedures are performed [REDACTED]. No deficiencies were noted.

Illinois Natural History Survey

Inspection Date: 9/10/2020

Inspection Summary: The [REDACTED] was visited where a dog is housed and fish research is conducted ([REDACTED]). No deficiencies were noted.

Inspection Date: 9/10/2020

Inspection Summary: Rooms [REDACTED] and [REDACTED] were inspected where procedures will be performed [REDACTED]. Rooms [REDACTED], and [REDACTED] were inspected where animals are housed and procedures will be performed [REDACTED]). No deficiencies were noted.

Inspection Date: 9/10/2020

Inspection Summary: Room [REDACTED] was inspected where animals are housed and procedures are performed [REDACTED] and [REDACTED]. No deficiencies were noted.

Inspection Date: 9/28/2020

Inspection Summary: Cages for captive wild ducks were inspected. All birds appeared to be doing well. Several cages were in use for group housing ducks. Cages were in good repair and predator proof, and cleaning regimen seemed to be keeping the birds in good health. Animals had plenty of space, including water troughs for swimming. These were cleaned regularly, and water flow is at a low constant rate. Food was stored appropriately. Graduate student were well versed in their animal care responsibilities and research goals. One minor deficiency was noted.

Deficiency:

Minor – Some animal check logs were not completed daily.

Correction: Clarify how the PI ensures that daily animal check logs are performed.

Correct by Date: 12/15/2020

College of LAS

Inspection Date: 8/27/2020

Inspection Summary: Room [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: In Room [REDACTED] was visited where surgical procedures are performed. One minor deficiency was noted.

Deficiency:

Minor - Isoflurane vaporizer in room [REDACTED] was past due for calibration (due 3/2020).

Correction: Anesthesia vaporizers should be serviced yearly and documentation of service should be noted on the machine.

Correction Date: 9/10/2020

Comments: E-mail from [REDACTED] indicates that calibration was performed by [REDACTED] on 9/10/20.

Inspection Summary: Rooms [REDACTED] & [REDACTED] were visited where procedures will be performed for class projects. No deficiencies were noted.

Inspection Summary: Room [REDACTED] and [REDACTED] was visited where procedures will be performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures are performed. One minor deficiency was noted.

Deficiency:

Minor - Isoflurane vaporizer in room [REDACTED] and [REDACTED] was past due for calibration (due 5/2020).

Correction: Anesthesia vaporizers should be serviced yearly and documentation of service should be noted on the machine.

Correction Date: 9/10/2020

Comments: E-mail from [REDACTED] indicates that calibration was performed by [REDACTED] on 9/10/20.

Inspection Summary: Room [REDACTED] were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] and [REDACTED] were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was inspection. A minor deficiency was noted.

Deficiency:

Minor - In Rm [REDACTED], there is a conical tube labeled with "100% DMSO" but the tube does not have an expiration date.

Correction: Materials stored in any type of secondary container should be properly labeled with contents, concentration, mix date and expiration date.

Correction Date: 8/28/2020

Comments: On 8/28/2020, [REDACTED] e-mailed stating that [REDACTED] You from the lab relabeled the tube with an expiration date. The date had rubbed off and the lab will be more diligent in monitoring this in the future.

	Inspection Date: 8/13/2020
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Inspection Summary: Room [REDACTED] was visited where imaging will be performed [REDACTED]). No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] and [REDACTED] ([REDACTED]) were visited where animals are housed, procedures are performed and food is stored. No deficiencies were noted.

Inspection Summary: Room [REDACTED] ([REDACTED]) was visited where procedures are performed. No deficiencies were noted.

- PI Maintained Areas	Inspection Date: 8/13/2020
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Inspection Summary: Room [REDACTED] was inspected. Several minor deficiencies were noted.

Deficiencies:

Minor - In room [REDACTED] ([REDACTED]) there were multiple cardboard boxes on the floor.

Correction: Items on the floor should be minimized and cardboard storage boxes should be replaced by plastic or other sanitizable material.

Correction Date: 8/28/2020

Comments: Email from PI 8/29/20 indicates that cardboard boxes were replaced with sanitizable containers.

Minor - The isoflurane vaporizer in room [REDACTED] was past due for calibration (due 3/27/2020).

Correction: Anesthesia vaporizers should be serviced yearly and documentation of service should be noted on the machine. A sign needs to be placed on this isoflurane vaporizer immediately noting that it cannot be used until it is re-calibrated.

Correction Date: 8/26/2020

Comments: Isoflurane vaporizer recertified by [REDACTED] 8/26/2020.

Minor - There was an expired bottle of Ophthalmic Solution (expired 10/2019) in room [REDACTED] ([REDACTED])

Correction: A method needs to be implemented to insure materials are discarded on/before expiration date.

Correction Date: 8/13/2020

Inspection Dates: 9/15 & 9/25/2020

Inspection Summary: Room [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] ([REDACTED] and [REDACTED]) was visited where procedures are performed. Room [REDACTED] was visited where food is stored. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] and [REDACTED] ([REDACTED]) were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] ([REDACTED]) were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Room [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Date: 9/15/2020

Inspection Summary: Rooms [REDACTED], and [REDACTED] were visited where multiple procedures are performed. Room [REDACTED] was visited where procedures are performed and animals are housed. No deficiencies were noted.

Inspection Summary: Rooms [REDACTED] and [REDACTED] were visited where procedures will be performed. No deficiencies were noted.

Inspection Date: 8/27/2020

Inspection Summary: Room [REDACTED] was visited where fish will be housed short term for a Biology class [REDACTED]. No deficiencies were noted.

Inspection Date: 9/10/2020

Inspection Summary: [REDACTED] at the [REDACTED] property was inspected where birds may be housed and procedures may be performed [REDACTED]. No deficiencies were noted.

Inspection Date: 8/25/2020

Inspection Summary: Individual laboratory rooms [REDACTED] & [REDACTED] were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Individual laboratory room [REDACTED] was visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Individual laboratory rooms [REDACTED] were visited where procedures will be performed. No deficiencies were noted.

Inspection Summary: Individual laboratory rooms [REDACTED] ([REDACTED] and [REDACTED]) were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Individual laboratory room [REDACTED] [REDACTED] and [REDACTED] were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Individual laboratory rooms [REDACTED], and [REDACTED] [REDACTED] were visited where procedures are performed. No deficiencies were noted.

Inspection Summary: Individual laboratory room [REDACTED] [REDACTED] and [REDACTED] were visited where procedures are performed. No deficiencies were noted.

[REDACTED]	Inspection Date: 9/10/2020
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Inspection Summary: Rooms [REDACTED] and [REDACTED] were visited where fish are housed [REDACTED]
[REDACTED] No deficiencies were noted.