

Memorandum to: Dr. Susan Martinis
From: Institutional Animal Care and Use Committee
Subject: Semiannual Report of the Program Review and Facility Inspection
Date: May 7, 2019

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]

One DAR veterinarian left the institution, but a job search resulted in finding a replacement; they begin work in June.

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]*

The following departures were all approved with scientific justification: Agricultural housing for biomedical study; extended cage or cage furnishing change/cleaning interval; food/water restriction/deprivation; individual housing; prolonged restraint stress; non-standard lighting/temperature/noise conditions; "death from seizure"; trio breeding; reduce floor/feeder space allowance or increased stocking density; reduced frequency for bedding changes; multiple major survival surgeries; trio breeding; gestation crates smaller than Ag guide recommendations; use of Freund's Complete Adjuvant; toe-clipping for chickens; reduced/exempted acclimation period; delayed weaning of mice pups; wire-bottom caging.

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

Animal Care and Use Program Review Date(s): 05/02/2019

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: 2/6/2019

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. A minor deficiency was noted.

Deficiency:

Minor - In room [REDACTED] battery cages had areas of rust that need to be repainted.

Correction: Repaint or replace the caging or caging components.

Correct By Date: 7/1/2019

Inspection Date: 3/28/2019

Inspection Summary: Cattle and sheep appeared to be in good health and condition. Working areas are in good repair and clean. All supplies were current. Records were complete. One minor deficiency was noted.

Deficiency:

Minor - Pen [REDACTED] - Pen divider gate has broken vertical brace.

Correction: Repair or replace gate.

Correct By Date: 7/1/2019

Inspection Date: 2/8/2019

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

Inspection Date: 4/2/2019

Inspection Summary: A calf study was underway at the time of inspection. Graduate students managing the study and study personnel was knowledgeable about biosecurity procedures. Main building and hutches were in good repair. No deficiencies were noted.

Inspection Date: 4/2/2019

Inspection Summary: There are a number of deferred maintenance items that need to be addressed, particularly to [REDACTED] A repeat deficiency was noted in the [REDACTED] treatment area, and the Committee stopped activities in that area until it was addressed. Several deficiencies related to the physical plant were noted, as well as a significant safety concern regarding the failure to replace a belt guard.

Deficiencies:

Minor - [REDACTED] - Board over waterer is loose at one end creating a possible safety issue.

Correction: Reattach board.

Correct By Date: 7/1/2019

Minor - [REDACTED] - Aluminum roof trim is hanging loose at north end of barn.

Correction: Remove/replace trim.

Correct By Date: 7/1/2019

Minor - [REDACTED] - Boards at base of west wall have been pushed out and are no longer connected to wall.

Correction: Reattach boards.

Correct By Date: 7/1/2019

Minor - [REDACTED] - Feed conveyer belt guard was removed.

Correction: Remind staff that safety guards must be replaced after belt replacement before conveyer is used again.

Correct By Date: 7/1/2019

Significant - [REDACTED] treatment room - This room is unacceptably dirty for use as a surgery area. Walls and ceiling need to be cleaned. This is a repeat deficiency, which makes it significant.

Correction: Perform a thorough cleaning of the entire room, including walls and ceiling. Submit a written plan to the IACUC describing how the area will be appropriately cleaned after use.

Correct By Date: 7/1/2019

Comments: [REDACTED] reinspected the treatment room on 4/8/19. The ceiling was painted and walls cleaned.

Minor - [REDACTED] - Entrance post on west side of building is detached and no longer supporting anything.

Correction: Contact F&S for repair.

Correct By Date: 7/1/2019

Minor - [REDACTED] - One stall divider needs to be reattached.

Correction: Reattach divider.

Correct By Date: 7/1/2019

	Inspection Date: 4/3/2019
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Inspection Summary: Animals appeared healthy. While there was mud near fenceline feed troughs due to the exceptionally wet winter, all animals had access to dry land. Fences in occupied pastures are in good repair, some feeder repairs were underway. Plans were in place for replacing fences in poor condition surrounding pastures that were unoccupied. Records were complete. No deficiencies were noted.

Investigator Maintained Areas

Inspection Date: 2/6/2019

Inspection Summary: Several minor deficiencies were noted.

Deficiencies:

Minor - In Room [REDACTED]) the cage cards do not contain all the required information.

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

Correction Date: 2/12/2019

Comments: Inappropriate cage card was replaced with an official one.

Minor - In [REDACTED]) there was an open bag of expired food labeled Diet #1 with a mill date of 1/12/2017.

Correction: Open feed bags should be placed inside vermin-proof containers. Expired food needs to be discarded and a method should be implemented to ensure discarding of materials at or before the date of expiration.

Correction Date: 2/14/2019

Comments: Feed bag was discarded.

Minor - [REDACTED] Signage on the door for Tamoxifen use does not provide adequate hazard notification.

Correction: It is the responsibility of the investigator to ensure that door signs and cage cards accurately identify hazards when present, which cages are treated and additional PPE required. Signage should be downloaded from the approved IACUC protocol associated with the hazard. Signs must be removed when the chemical is no longer present.

Correction Date: 2/12/2019

Comments: The official Tamoxifen sign was posted.

Minor - In [REDACTED]) there is a mouse micro-isolator cage with filter top lid containing food pellets. The label was illegible.

Correction: All containers being used for feed must be appropriate for food storage and must be clearly labeled with the type of feed and milling date information.

Correction Date: 2/12/2019

Comments: Food container was discarded.

Minor - [REDACTED]): Signage on the door for Tamoxifen use does not provide adequate hazard notification.

Correction: It is the responsibility of the investigator to ensure that door signs and cage cards accurately identify hazards when present, which cages are treated and additional PPE required. Signage should be downloaded from the approved IACUC protocol associated with the hazard. Signs must be removed when the chemical is no longer present.

Correction Date: 2/24/2019

Comments: E-mail on 2/24/19 from PI stating signage was discussed during lab meeting. Tamoxifen hazard signage will be updated and removed after feeding is discontinued.

Inspection Date: 2/26/2019

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

Inspection Date: 4/2/2019

Inspection Summary: North quad was in use for class pigs at the time of inspection. South quad was empty. Both units are in good repair. No deficiencies were noted.

Inspection Date: 2/26/2019

Inspection Summary: Horses appeared in good condition. Medical and daily care records were complete. The stalls appear to be in good repair. There are a number of deferred maintenance items that need to be addressed.

Deficiencies:

Minor - - Nails are protruding from window frames on west side and south side windows. West window frame lower section has been removed.

Correction: Remove nails, repair window frame.

Correct By Date: 7/1/2019

Minor - - Walls in the area where stallions are collected have flaking paint.

Correction: Remove loose flakes from walls and floor.

Correct By Date: 7/1/2019

Minor - - Shelf in storage area is overloaded and one bracket has come out of the wall.

Correction: Heavy items should be removed from shelf, and bracket remounted.

Correct By Date: 7/1/2019

Comments: Personnel hazard, no animal access.

Minor - - board in gate has been cribbed almost all the way through.

Correction: Replace board.

Correct By Date: 7/1/2019

Comments: Personnel hazard, no animal access.

Inspection Date: 4/4/2019

Inspection Summary: This unit continues to have exemplary management and husbandry. Animals appeared clean and healthy. Records are maintained appropriately. The flooring on the scale should be resurfaced before rust becomes severe to extend its useful life. No deficiencies noted.

Inspection Date: 3/12/2019

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

Inspection Date: 4/12/2019

Inspection Summary: Records were good, and the facility was exceptionally clean. Animals appear in good health. There are still issues with the chute/alleyway system but management is continuing to repair as needed and they have a plan in place to replace it. They are working on funding and logistics of implementing plan, likely replacing chute and repairing the rest of it. No deficiencies noted.

Inspection Date: 4/4/2019

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

Inspection Date: 3/12/2019

Inspection Summary: Animal health appeared to be good. Recent changes to regarding caging and stocking rate of older birds are being implemented. New locker room/shower/break room is in use and working well. A few minor deficiencies were noted.

Deficiencies:

Minor - Gas canisters should not be stored on carts, unless carts can be secured to a wall or other solid attachment.

Correction: Secure carts, or remove canisters to secured location for storage.

Correct By Date: 7/1/2019

Minor – Perimeter doors have gaps.

Correction: Repair sweeps.

Correct By Date: 7/1/2019

Inspection Date: 3/7/2019

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, though some exterior doors are in need of replacement. Manager has requested work orders several times. No deficiencies were noted.

[REDACTED]

– PI Maintained Spaces

Inspection Date: 2/22/2019

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

Deficiency:

Minor - Room [REDACTED] students describe using exam gloves for surgical procedures.

Correction: PI must assure the IACUC that sterile gloves are being used for all surgeries as described in the approved protocol.

Correction Date: 2/26/19

Comments: Email from [REDACTED] indicates that sterile gloves have been purchased and will be the subject of next lab meeting.

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

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

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

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

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

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

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

Deficiency:

Minor - The floor in room [REDACTED] needs to be resealed.

Correction: Contact F & S to schedule resealing of floor.

Correct By Date: 7/1/2019

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

Inspection Summary: Individual laboratory rooms [REDACTED] was 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: Rooms [REDACTED] were inspected where procedures are performed. No deficiencies were noted.

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

College of Veterinary Medicine

Inspection Date: 3/26/2019

Inspection Summary: Facility was clean and in good condition. Fences around outside paddocks and pasture are in good repair. One deficiency was noted.

Deficiency:

Minor - [REDACTED] - Gas canisters should not be stored on carts, unless carts can be secured to a wall or other solid attachment.

Correction: Secure carts, or remove canisters to secured location for storage.

Correct By Date: 7/1/2019

– PI Maintained Areas

Inspection Dates: 2/13/2019 & 3/1/2019

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

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

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

Inspection Summary: Rooms [REDACTED] were visited. Animals are housed in these rooms and procedures are performed in these rooms. One minor deficiency was noted.

Deficiency:

Minor - In room [REDACTED] there was an expired bottle of Epi-otic ear cleaner (exp 12/2018).

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

Correction Date: 2/13/2019

Comments: Expired ear cleaner thrown away at time of inspection.

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

Deficiency:

Minor - The back door in room [REDACTED] is rusty and needs to be repainted/resealed.

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

Correct By Date: 7/1/2019

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

Inspection Summary: Ad hoc inspection for use of [REDACTED] exam room [REDACTED] as a location for teaching activities for bearded dragons [REDACTED] 18056). No deficiencies noted.

Inspection Dates: 2/11&13/2019

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

Inspection Summary: Rooms [REDACTED] were visited. 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: 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. One minor deficiency was noted.

Deficiency:

Minor - In room [REDACTED] several chairs in this room used for surgical procedures were made of cloth.

Correction: Chairs in surgical areas should be covered with plastic or replaced with chairs that are sanitizable.

Correction Date: 2/26/2019

Comments: Email from [REDACTED] 2/26/19 indicates that chairs will be covered with plastic bags.

Inspection Summary: Rooms [REDACTED] were 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: The snake tank outside room [REDACTED] was visited. Animal care records were complete. No deficiencies were noted.

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

Inspection Summary: Room [REDACTED] was visited. One minor deficiency was noted.

Deficiency:

Minor - In room [REDACTED], lab maintained space) there were dirty cages, water bottles and running wheels in the light tight boxes.

Correction: In lab-maintained rooms within the animal care facility the PI is responsible for removing caging and bedding post-study and appropriately sanitizing secondary housing (ex. the light tight boxes).

Correction Date: 3/5/2019

Comments: Email from PI indicates that lab-maintained area has been cleaned.

	Inspection Date: 3/26/2019
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Inspection Summary: A small number of grower pigs and sows with litters were on site at time of inspection and appeared in good condition. Horses, sheep, llamas and cattle on pasture appeared in good

condition and well-managed. Buildings are in good repair. Record keeping was good. Several minor deficiencies were noted.

Deficiencies:

Minor - Building [REDACTED] - Peeling paint in rooms [REDACTED] Room [REDACTED] has chipped concrete on east side of door.

Correction: Request work order for painting and repairs.

Correct By Date: 7/1/2019

Minor - Building [REDACTED] - Peeling paint on pipe insulation on the ceiling.

Correction: Request work order to repaint/reseal pipes or remove insulation.

Correct By Date: 7/1/2019

Division of Animal Resources

– DAR Maintained Areas

Inspection Date: 2/20/2019

Inspection Summary: The facility was well maintained and animal husbandry was good. Other than a few minor deficiencies that were noted, minor required infrastructure repairs have work orders submitted.

Deficiencies:

Minor - There are numerous rusty carts still being used throughout this facility.

Correction: Discard rusted carts.

Correct By Date: 7/1/2019

Minor - In room [REDACTED] (Clean cage wash) the floor in front of cage washer needs to be resealed.

Correction: Contact F & S to schedule floor repair.

Correct By Date: 7/1/2019

Minor - The floor in room [REDACTED] (housing) needs to be resealed.

Correction: Contact F & S to schedule floor repair.

Correct By Date: 7/1/2019

Minor - The floor in room [REDACTED] needs to be resealed.

Correction: Contact F & S to schedule floor repair.

Correct By Date: 7/1/2019

Minor - The floor in room [REDACTED] needs to be resealed.

Correction: Contact F & S to schedule floor repair.

Correct By Date: 7/1/2019

Minor - In room [REDACTED], an electrical outlet cover is missing.

Correction: Contact F & S to schedule the repair of the outlet cover.

Correct By Date: 5/15/2019

Minor - In room [REDACTED] an electrical outlet cover is missing.

Correction: Contact F & S to schedule the repair of the outlet cover.

Correct By Date: 5/15/2019

Minor - In room [REDACTED] (Dirty cage wash), floor needs to be resealed.

Correction: Contact F & S to schedule floor repair.

Correct By Date: 7/1/2019

Minor - In room [REDACTED] (Dirty cage wash), the fire sprinkler casing is detached from the ceiling.

Correction: Contact F & S to schedule fire sprinkler repair.

Correct By Date: 7/1/2019

Minor - In room [REDACTED] (Dirty cage wash), the wall adjacent to the cage washer needs to be repainted.

Correction: Contact F & S to schedule painting.

Correct By Date: 7/1/2019

Minor - In room [REDACTED] (food prep), the freezer thermometer is not accurate. Weather stripping needs to be repaired.

Correction: Contact F & S to schedule freezer repairs.

Correct By Date: 7/1/2019

Minor - In room [REDACTED], floor needs to be resealed.

Correction: Contact F & S to schedule floor repair.

Correct By Date: 7/1/2019

[REDACTED] – DAR Maintained Areas
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Inspection Date: 2/18/2019

Inspection Summary: The animal care facility was in good shape and the overall animal care was good. The rusty carts being used in this facility still need to be discarded. Several minor deficiencies were noted.

Deficiencies:

Minor - There are numerous rusty carts still being used throughout this facility.

Correction: Discard rusted carts.

Correct By Date: 7/1/2019

Minor - The floor in room [REDACTED] needs to be resealed.

Correction: Contact F & S to schedule resealing of floor.

Correct By Date: 7/1/2019

Minor - There are several cracks on the walls in room [REDACTED].

Correction: Contact F & S to schedule resealing walls.

Correct By Date: 7/1/2019

Minor - The sink in room [REDACTED] needs repair. Sink handles are difficult to turn and water flows at just a trickle.

Correction: Contact F & S to schedule sink repair.

Correct By Date: 7/1/2019

Minor - There are several cracks on the walls in room [REDACTED]

Correction: Contact F & S to schedule resealing walls.

Correct By Date: 7/1/2019

Minor - A spray bottle in room [REDACTED] was not labeled with contents.

Correction: Materials in secondary containers need to be clearly labeled with contents, mix date and expiration date.

Correct By Date: 7/1/2019

DAR Vehicles

Inspection Date: 3/19/2019

Inspection Summary: Division of Animal Resources vehicles were inspected. Ford Ranger Pickup Truck, License # [REDACTED] -- 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.

DAR Maintained Areas

Inspection Date: 2/6/2019

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

Deficiencies:

Minor - In Room [REDACTED] (Clean cage wash room) there is an unlabeled pump sprayer containing an unknown liquid.

Correction: Materials in secondary containers need to be clearly labeled with contents, mix date and expiration date.

Correct By Date: 7/1/2019

Minor - A metal stool in room [REDACTED] was rusty and unable to be properly sanitized.

Correction: Repaint or reseal the rusty stool

Correct By Date: 7/1/2019

Minor - In room [REDACTED] (Clean cage wash) the closet door needs to be repainted. Caulking needs to be replaced above both cage washer doors.

Correction: Contact F&S to schedule painting and caulking repairs.

Correct By Date: 7/1/2019

Minor - In room [REDACTED]) the upper wall needs to be painted.

Correction: Contact F&S to schedule painting.

Correct By Date: 7/1/2019

Minor - In room [REDACTED], above the door, wall cracks need to be caulked and painted.

Correction: Contact F&S to schedule painting.

Correct By Date: 7/1/2019

Minor - In Room [REDACTED] several areas of flooring need to be resealed.

Correction: Contact F&S to schedule floor repair.

Correct By Date: 7/1/2019

Minor - In room [REDACTED], paint is peeling on ceiling vent at the rear of the room.

Correction: Contact F&S to schedule painting.

Correct By Date: 7/1/2019

Minor - In room [REDACTED] cracks in wall should be caulked and painted.

Correction: Contact F&S to schedule painting.

Correct By Date: 7/1/2019

Minor - In room [REDACTED], rusty light fixture frame and wall cracks should be painted.

Correction: Contact F&S to schedule painting.

Correct By Date: 7/1/2019

Minor - In room [REDACTED] back wall paint is peeling.

Correction: Contact F&S to schedule painting.

Correct By Date: 7/1/2019

Minor - In room [REDACTED] the light fixture is rusted and paint is peeling.

Correction: Contact F&S to schedule painting.

Correct By Date: 7/1/2019

Minor - In room [REDACTED], paint is peeling under the glass cabinets.

Correction: Contact F&S to schedule painting.

Correction Date: 7/1/2019

Minor - In room [REDACTED], paint is peeling under the glass cabinets.

Correction: Contact F&S to schedule painting.

Correct By Date: 7/1/2019

Minor - In room [REDACTED], central aisle flooring is peeling where it was previously patched.

Correction: Contact F&S to schedule flooring repair.

Correct By Date: 7/1/2019

Minor - In the hallway between rooms [REDACTED] and [REDACTED], a ceiling tile is hanging by only one side.

Correction: Contact F&S to schedule ceiling tile repair.

Correct By Date: 7/1/2019

Minor - Above the door in room [REDACTED] the wall cracks need to be repaired.

Correction: Contact F&S to schedule painting.

Correct By Date: 7/1/2019

Minor - The blue gates in the [REDACTED] housing units need to be painted.

Correction: Contact F&S to schedule painting.

Correct By Date: 7/1/2019

Minor - In room [REDACTED], the rusted light fixture needs to be painted.

Correction: Contact F&S to schedule painting.

Correct By Date: 7/1/2019

Minor - In room [REDACTED], there is an outlet without a cover.

Correction: Contact F&S to schedule outlet repair.

Correct By Date: 5/15/2019

Minor - In the hallway between rooms [REDACTED] and [REDACTED], the rusted light fixture needs to be painted.

Correction: Contact F&S to schedule painting.

Correct By Date: 7/1/2019

Minor - In room [REDACTED], paint is peeling adjacent to the soap dispenser.

Correction: Contact F&S to schedule painting.

Correct By Date: 7/1/2019

Minor - In room [REDACTED], paint is peeling on the paper towel dispenser.

Correction: Contact F&S to schedule painting or replacement of paper towel dispenser.

Correction Date: 7/1/2019

[REDACTED] – DAR Maintained Areas

Inspection Date: 2/8/2019

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

Deficiencies:

Minor - Many doors and door jams in the facility have areas that need to be repainted.

Correction: Contact F & S to schedule necessary painting in the facility.

Correct By Date: 7/1/2019

Minor - There was expired rodent diet in room [REDACTED] (expired 12/21/2018).

Correction: Expired food should be discarded and a method should be implemented to ensure discarding of materials at or before the date of expiration.

Correction Date: 3/8/2019

Comments: Email from facility supervisor 3/8/19: "The expired diet in room [REDACTED] was mislabeled. 12/21/18 was actually the mill date. This has been corrected."

Minor - In room [REDACTED] (dirty side cage wash) one of the light covers is cracked.

Correction: Contact F & S to schedule repair of light cover.

Correct By Date: 7/1/2019

[REDACTED] – DAR Maintained Areas

Inspection Date: 2/27/2019

Inspection Summary: This facility was clean and well maintained. A few minor deficiencies were noted.

Deficiencies:

Minor - The outlet cover on the laminar flow hood in room [REDACTED] needs to be repaired.

Correction: Repair outlet cover.

Correction Date: 2/28/2019

Correct By Date: Outlet repaired per email from facility supervisor 2/28/19

Minor - In room [REDACTED] there is peeling paint on the pipes that needs to be removed.

Correction: Contact F & S to schedule paint removal or repainting.

Correct By Date: 7/1/2019

Minor - In the [REDACTED] hallway the light covers need to be replaced, the bulbs need to be covered or the bulbs need to be replaced with shatter-proof bulbs.

Correction: Correct exposed glass bulbs in the [REDACTED] hallway.

Correct By Date: 6/1/2019

Minor - In room [REDACTED] the walls and ceiling have areas of peeling paint.

Correction: Contact F & S to schedule resealing of ceiling and walls.

Correct By Date: 7/1/2019

[REDACTED] – DAR Maintained Areas

Inspection Date: 2/27/2019

Inspection Summary: This facility was clean and well maintained. A few minor deficiencies were noted.

Deficiencies:

Minor - The floor in rooms [REDACTED] and [REDACTED] needs to be resealed.

Correction: Contact F & S to schedule resealing of floor.

Correct By Date: 7/1/2019

Minor - The ceilings in rooms [REDACTED] and [REDACTED] all need to be resealed.

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

Correct By Date: 7/1/2019

Minor - The ceiling in room [REDACTED] has significant water damage that needs to be repaired and resealed.

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

Correct By Date: 7/1/2019

Minor - An outlet cover in room [REDACTED] needs to be repaired.

Correction: Contact F & S to schedule repair of outlet cover.

Correct By Date: 5/15/2019

[REDACTED] – DAR Maintained Areas

Inspection Date: 2/15/2019

Inspection Summary: A few minor deficiencies were noted.

Deficiencies:

Minor - The floor in room [REDACTED] needs to be resealed.

Correction: Contact F & S to schedule resealing of floor.

Correct By Date: 7/1/2019

Minor - In room [REDACTED] there is peeling paint over the cagewash door.

Correction: Contact F & S to schedule painting.

Correct By Date: 7/1/2019

Minor - The floor in room [REDACTED] needs to be resealed.

Correction: Contact F & S to schedule resealing of floor.

Correct By Date: 7/1/2019

Minor - In room [REDACTED] & [REDACTED] there is peeling paint above and around the doors.

Correction: Contact F & S to schedule painting.

Correct By Date: 7/1/2019

Minor - The floors in room [REDACTED] & [REDACTED] need to be resealed.

Correction: Contact F & S to schedule resealing of floors.

Correct By Date: 7/1/2019

Minor - The floor in anteroom [REDACTED] needs to be resealed.

Correction: Contact F & S to schedule resealing of floor.

Correct By Date: 7/1/2019

[REDACTED] – DAR Maintained Areas

Inspection Date: 2/11/2019

Inspection Summary: A few minor deficiencies were noted.

Deficiencies:

Minor - In room [REDACTED] (clean side cage wash) there are multiple areas on ceiling and walls that need to be repainted.

Correction: Contact F & S to schedule painting.

Correct By Date: 7/1/2019

Minor - In room [REDACTED] (clean side cage wash) the floor needs to be resealed in several places.

Correction: Contact F & S to schedule floor resealing.

Correct By Date: 7/1/2019

Minor - In room [REDACTED] (dirty side cage wash) there were several areas on ceiling and walls that need to be repainted.

Correction: Contact F & S to schedule painting.

Correct By Date: 7/1/2019

Minor - In room [REDACTED] there are areas on the walls that need to be repainted.

Correction: Contact F & S to schedule painting.

Correct By Date: 7/1/2019

Minor - In room [REDACTED] the A cubicle has a outlet cover that needs repair.

Correction: Contact F & S to schedule outlet cover repair.

Correct By Date: 5/15/2019

Minor - In room [REDACTED] there are areas on the ceiling that need to be repainted.

Correction: Contact F & S to schedule painting.

Correct By Date: 7/1/2019

Minor - In room [REDACTED] there are areas above the door that need to be repainted.

Correction: Contact F & S to schedule painting.

Correct By Date: 7/1/2019

Minor - In room [REDACTED] there are areas on the walls and ceiling that need to be repainted.

Correction: Contact F & S to schedule painting.

Correct By Date: 7/1/2019

Minor - In room [REDACTED] the door seal needs to be repaired.

Correction: Contact F & S to repair door seal.

Correct By Date: 7/1/2019

Minor - In room [REDACTED] there is an electrical junction box that needs to be repaired.

Correction: Contact F & S to schedule repair.

Correct By Date: 5/15/2019

Minor - In room [REDACTED] (dirty side cage wash) the paint on the tunnel washer vent is peeling.

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

Correct By Date: 7/1/2019

Minor - In room [REDACTED] (dirty side cage wash) the air vents are very dusty/dirty.

Correction: A plan should be implemented to insure that vents are cleaned on a regular basis.

Correct By Date: 7/1/2019

Minor - In room [REDACTED] (clean side cage wash) the air vents are very dusty/dirty.

Correction: A plan should be implemented to insure that vents are cleaned on a regular basis.

Correct By Date: 7/1/2019

Minor - In room [REDACTED] (clean side cage wash storage) there is a stool with a ripped vinyl cover that needs to be repaired or discarded.

Correction: Repair stool to make it sanitizable or discard stool.

Correct By Date: 7/1/2019

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

College of Engineering

Inspection Date: 2/25/2019

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

Inspection Dates: 2/22/2019 & 2/25/2019

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

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

Inspection Date: 2/27/2019

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

Deficiency:

Minor - In room [REDACTED] there was an open container of Tekland food on the floor. There were also paper bags on floor that animal care staff indicated were being used by the lab for animal transport.

Correction: Food should be stored off the floor and in a manner to preserve the integrity of the diet. The food bag should be sealed between uses and should be stored in a climate controlled environment according to manufacturer's guidelines. All paper should be removed from the floor to insure that the room can be appropriately cleaned. Secondary containers used for animal transport need to be secure and sanitizable per the UIUC Guidelines on the Transport of Animals.

Correction Date: 3/30/2019

Comments: Bags thrown out and food moved to ACF supervisor's office 3/20/2019

Inspection Date: 2/25/2019

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

Illinois Natural History Survey

Inspection Date: 2/25/2019

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

Inspection Date: 2/25/2019

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

Inspection Date: 2/25/2019

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

Inspection Date: 2/25/2019

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: 2/25/2019

Inspection Summary: Room [REDACTED] were visited where fish are housed [REDACTED]. No animals were housed in Room [REDACTED] at time of inspection. No deficiencies were noted.

College of LAS

Inspection Date: 2/20/2019

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

Deficiencies:

Minor - In room [REDACTED] room) there were several items inappropriately stored and items that were unlabeled or mislabeled.

Correction: Tubes and bottles need to be clearly labelled with contents, concentration, mix dates and expiration dates.

Correction Date: 2/27/2019

Comments: Samples were relabelled.

Minor - In room [REDACTED] room) there were 2 boxes of expired Redigut sutures (expiration 12/20/2018), 2 bottles of expired Vetbond (expiration 12/2018), and animal feeding needles (expiration 7/2/18).

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

Correction Date: 2/27/2019

Comments: Expired materials were discarded.

Inspection Dates: 2/18/2019

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

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

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

Deficiency:

Minor - In room [REDACTED] there were several plastic bags of unlabeled and incompletely labeled rodent diet.

Correction: Food stored in any type of secondary container must be properly labeled with contents, mill date and expiration date.

Correction Date: 2/19/2019

Comments: Bags removed by lab manager.

Inspection Date: 2/25/2019

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

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

Inspection Date: 2/25/2019

Inspection Summary: Room [REDACTED] was inspected where animals are housed [REDACTED]. Several deficiencies were noted.

Deficiencies:

Minor - In room [REDACTED] periodic water quality checks were not being properly documented by laboratory personnel. The last water quality check documented was 1/23/2018.

Correction: Water quality checks need to be documented every 3 days as indicated in the approved protocol (16080).

Correction Date: 3/14/2019

Comments: Note: also an issue in Fall of 2016. Email from PI indicates that water quality checks now being performed at least every 2 days.

Minor - Animals in room [REDACTED] were not properly identified with tank or rack cards.

Correction: The tank identification for each animal should be consistent with the recommendations of the Guide for the Care and Use of Laboratory Animals. Specifically, the identification card should include the source of the animal, the strain or stock, name of the responsible investigators, pertinent dates (e.g., date of arrival), and protocol number.

Correction Date: 3/14/2019

Comments: Email from PI indicates that tanks now contain proper identification.

Minor - In room [REDACTED] there was no documentation that fish are being checked and fed by laboratory personnel on weekends. Periodic water quality checks were not being performed and documented by laboratory personnel.

Correction: Daily feeding and wellbeing checks need to be performed by laboratory personnel as outlined in the approved protocol. Water quality checks need to be documented every 3 days as indicated in the approved protocol.

Correction Date: 2/27/2019

Comments: Email correspondence with lab members indicates they have put several measures in place to ensure documentation of animal care and feeding.

Inspection Date: 2/27/2019

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

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

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

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

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

Deficiency:

Minor - In room [REDACTED] the cage cards do not contain all the required information.

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

Correction Date: 2/27/2019

Comments: PI indicates that cage cards have been updated with required information.

Inspection Date: 2/27/2019

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

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

Deficiency:

Minor - In room [REDACTED] the cage cards do not contain all the required information.

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

Correction Date: 2/27/2019

Comments: Cage cards updated 3/1/19 per PI email.

Inspection Date: 2/18/2019

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

Inspection Date: 2/15/2019

Inspection Summary: Class room [REDACTED] was visited where procedures and behavioral testing are performed. No deficiencies were noted.

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

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

Inspection Date: 2/25/2019

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