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# MEMORANDUM

**To:**

**From:** Institutional Animal Care and Use Committee

**Subject:** Semiannual Evaluation of Animal Care and Use Program and Inspection of Facilities

**Date:** September 2, 2020

The Institutional Animal Care and Use Committee (IACUC) conducted its semiannual evaluation of the institution's Animal Care and Use Program for the period of March 2, 2020 to September 2, 2020 using the *Guide for the Care and Use of Laboratory Animals: 2011 (Guide)*, and, as applicable, 9 CFR Chapter I, 2.31 of the Animal Welfare Regulations, and the *Guide for the Care and Use of Agricultural Animals in Agricultural Research and Teaching, 2010 (Ag Guide)*, PHS Policy and other pertinent references. The program review included the animal care and use program description, the University of Florida's Assurance of Compliance with PHS Policy of Humane Care and Use of Animals # D16-00244 (A3377-01), the previous semi-annual review described on March 2, 2020, and below attachments/enclosures.

The following documents and attachments represent the semi-annual report of the IACUC, as required by the PHS Policy on Humane Care and Use of Laboratory Animals and as a condition of this institution's Animal Welfare Assurance on file with the Office of Laboratory Animal Welfare (OLAW), and USDA Animal Welfare Regulations, 9 CFR Chapter I, subchapter A, as applicable:

- **Attachment A: Semiannual Program Review: Institutional Policies and Responsibilities, Veterinary Education, Oversight and Care.**
  - Enclosure 1: IACUC Changes and Training
  - Enclosure 2: IACUC Protocol Review
  - Enclosure 3: Departures from the Guide
  - Enclosure 4: Post Approval Monitoring
  - Enclosure 5: Noncompliance and Adverse Event
  - Enclosure 6: Regulatory Agencies
  - Enclosure 7: Animal Handler Training
  - Enclosure 8: ACS Updates
  - Enclosure 9: EHS Updates
- **Attachment B: Semiannual Facility Inspection Checklist**
  - Enclosure 10: Facility Inspection Summary
  - Enclosure 11: Non-ACS Housing Updates

- Enclosure 12: Facility Inspection Reports
- Enclosure 13: Facility Inspection Deficiencies

## **March 2, 2020 to September 2, 2020 Evaluation of the Animal Care and Use Program**

The IACUC sub-committee (IACUC Chair, Vice-Chairs, Attending Veterinarian, ACS Veterinarian, EH&S representative and IACUC office staff) met on July 30, 2020 and a majority of the full IACUC Committee met on August 11, 2020 to review and discuss the Semiannual Program Review. A majority of the full IACUC Committee voted on and approved the Semiannual Program Review on August 18, 2020.

### **Review of Institutional Policies and Responsibilities, Veterinary Education, Oversight & Care**

Attachment A, is the OLAW checklist reviewed by the subcommittee, enclosures 1-8 were reviewed in conjunction with the checklist. The following minor deficiencies were noted:

1.

*Deficiency:*

**Animal Care and Use Program:** Sufficient resources are available to manage the program, including training of personnel in accord with regulations and the *Guide*.

**IACUC Membership and Function:** IACUC authority and resources for oversight and evaluation of institution's program are provided

*Corrective Action:*

This deficiency was identified in the Fall 2019 semiannual report. Two additional Analyst III lines within the IACUC office were approved to aid with post approval activities such as training and continuing education of the IACUC committee, staff and research community. In response to the pandemic these positions were put on hold. As of July 2020, one of the two positions have been released for hire and the candidate is set to start in September 2020. We request that the second position be released for hire.

2.

*Deficiency:*

**IACUC:** Continuing IACUC oversight after initial protocol approval is in place

*Corrective Action:*

This deficiency was identified in the Fall 2019 semiannual report. Progress has been made in this area as a new Analyst III began in February 2020. We continue to assess and improve our PAM program. Over the next six months we hope to continue with the improvements we have begun to put into place.

3.

*Deficiency:*

**IACUC:** IACUC evaluates the effectiveness of training programs

*Corrective Action:*

This deficiency was identified in the Fall 2019 semiannual report. The IACUC has begun an initial evaluation of the training programs with improvement policies currently in review. An additional Analyst III position was approved to assist in the evaluation and implementation of improvements to the training programs. In response to the pandemic this positions were put on



hold. As of July 2020, the position has been released for hire and the candidate begins in September 2020.

4.

*Deficiency:*

**IACUC Records and Reporting Requirements: Reports to U.S. Department of Agriculture (USDA) or Federal funding agency:** Promptly reports suspensions of activities by the IACUC to USDA and any Federal funding agency

*Corrective action:*

The Animal Care and Use leadership group is currently evaluating their reporting SOP. A formal plan will be put into place in the next month.

5.

*Deficiency:*

**Personnel Qualifications and Training: All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included:**

Research investigators, instructors, technicians, trainees, and students

**Training program content includes:** Humane practices of animal use (e.g., research procedures, use of anesthesia, pre- and post-operative care, aseptic surgical techniques and euthanasia)

**Vet Care Surgery:** Researchers have appropriate training to ensure good technique

**Vet Care Surgery:** Post-operative monitoring and care are provided by trained personnel and documented (e.g., thermoregulation, physiologic function, analgesia, infection, removal of skin closures)

*Corrective action:*

These areas were identified in the Fall 2019 semiannual report. An assessment was completed of the current rodent surgical training program, surgical, post-operative and record retention requirements and all pertinent policies and guidelines. Following the assessment, the veterinary faculty, the animal research working group and the IACUC Committee have begun to implement plans for improvement. This area will continue to be a priority over the next 6 months. A new Analyst III candidate is set to start in September 2020 to focus on training concerns.

## **Facility Inspection Checklist and Report Review**

Attachment B, is the OLAW Facility checklists reviewed by the subcommittee, enclosures 9-13 were reviewed in conjunction with the checklist. No deficiencies were noted.

## **Other Programmatic Concerns**

IT resources continue to be of concern. Resources are needed to improve the IACUC website and assist with the development and implementation of Huron 9x.

## **Minority Views**

There were no minority views for the IO report of September 2, 2020.





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## Attachment A Semiannual Program Review Checklist

### Institutional Policies and Responsibilities, Veterinary Education, Oversight and Care

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



## Attachment A

### Semiannual Program Review Checklist

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

#### 5. IACUC Membership and Functions

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

#### 6. IACUC Training

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



## Attachment A

### Semiannual Program Review Checklist

7. IACUC Records and Reporting Requirements <sup>iv</sup>		A*	M	S	C	NA
<ul style="list-style-type: none"> <li><b>Semiannual report to the IO (PHS Policy, <a href="#">IV.B.</a>)</b></li> </ul>						
o Submitted to IO every 6 months	X					
o Compiles program review and facility inspection(s) results (includes all program and facility deficiencies)	X					
o Includes minority IACUC views	X					
o Describes IACUC-approved departures from the <i>Guide</i> or PHS Policy and the reasons for each departure <sup>v</sup>	X					
o Distinguishes significant from minor deficiencies	X					
o Includes a plan and schedule for correction for each deficiency identified <sup>vi</sup>	X					
<ul style="list-style-type: none"> <li><b>Reports to OLAW (PHS Policy, <a href="#">IV.F.</a>)</b></li> </ul>						
o Annual report to OLAW documents program changes, dates of the semiannual program reviews and facility inspections and includes any minority views	X					
o Promptly advises OLAW of serious/ongoing <i>Guide</i> deviations or PHS Policy noncompliance ( <a href="#">NOT-OD-05-034</a> )	X					
o Institute must promptly advise OLAW of any suspension of an animal activity by the IACUC ( <a href="#">NOT-OD-05-034</a> )	X					
<ul style="list-style-type: none"> <li><b>Reports to U.S. Department of Agriculture (USDA) or Federal funding agency<sup>vii</sup></b></li> </ul>						
o Annual report to USDA contains required information including all exceptions/exemptions	X					
o Reporting mechanism to USDA is in place for IACUC-approved exceptions to the regulations and standards	X					
o Reports are filed within 15 days for failures to adhere to timetable for correction of significant deficiencies	X					
o Promptly reports suspensions of activities by the IACUC to USDA and any Federal funding agency		X				
<ul style="list-style-type: none"> <li><b>Records (PHS Policy, <a href="#">IV.E.</a>)</b></li> </ul>						
o IACUC meeting minutes and semiannual reports to the IO are maintained for 3 years	X					
o Records of IACUC reviews of animal activities include all required information	X					
o Records of IACUC reviews are maintained for 3 years after the completion of the study	X					
8. Veterinary Care (See also next section - Veterinary Care)		A*	M	S	C	NA
o An arrangement for veterinarian(s) with training or experience in lab animal medicine is in place including backup veterinary care <sup>viii</sup>	X					
o Veterinary access to all animals is provided ( <i>Guide</i> , <a href="#">p 14</a> ) [must]	X					
o Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use ( <i>Guide</i> , <a href="#">p 14</a> ) [must]	X					
o Veterinarian provides consultation when pain and distress exceeds anticipated level in protocol ( <i>Guide</i> , <a href="#">p 5</a> ) [must]	X					
o Veterinarian provides consultation when interventional control is not possible ( <i>Guide</i> , <a href="#">p 5</a> ) [must]	X					
o If part time /consulting veterinarian, visits meet programmatic needs ( <i>Guide</i> , <a href="#">p 14</a> )	X					
o Regular communication occurs between veterinarian and IACUC ( <i>Guide</i> , <a href="#">p 14</a> )	X					
o Veterinarian(s) have experience and training in species used ( <i>Guide</i> , <a href="#">p 15</a> ) [must]	X					
o Veterinarian(s) have experience in facility administration/management ( <i>Guide</i> , <a href="#">p 15</a> )	X					
9. Personnel Qualifications and Training		A*	M	S	C	NA
<ul style="list-style-type: none"> <li><b>All personnel are adequately educated, trained, and/or qualified in basic principles of laboratory animal science. Personnel included: [must]</b></li> </ul>						
o Veterinary/other professional staff ( <i>Guide</i> , <a href="#">p 15-16</a> )	X					
o IACUC members ( <i>Guide</i> , <a href="#">p 17</a> )	X					
o Animal care personnel ( <i>Guide</i> , <a href="#">p 16</a> )	X					
o Research investigators, instructors, technicians, trainees, and students ( <i>Guide</i> , <a href="#">pp 16-17</a> )		X				



## Attachment A Semiannual Program Review Checklist

• Continuing education for program and research staff provided to ensure high quality care and reinforce training ( <i>Guide, pp 16-17</i> )	X				
• Training is available prior to starting animal activity ( <i>Guide, p 17</i> )	X				
• Training is documented ( <i>Guide, p 15</i> )	X				
• <b>Training program content includes: (<i>Guide, p 17</i>)</b>					
○ Methods for reporting concerns ( <i>Guide, p 17</i> )	X				
○ Humane practices of animal care (e.g., housing, husbandry, handling)	X				
○ Humane practices of animal use (e.g., research procedures, use of anesthesia, pre- and post-operative care, aseptic surgical techniques and euthanasia ( <i>Guide, p 17</i> ) <sup>ix</sup> )		X			
○ Research/testing methods that minimize numbers necessary to obtain valid results (PHS Policy, <i>IV.A.1.g.</i> )	X				
○ Research/testing methods that minimize animal pain or distress (PHS Policy, <i>IV.A.1.g.</i> )	X				
○ Use of hazardous agents, including access to OSHA chemical hazard notices where applicable ( <i>Guide, p 20</i> )	X				
○ Animal care and use legislation ( <i>Guide, p 17</i> )	X				
○ IACUC function ( <i>Guide, p 17</i> )	X				
○ Ethics of animal use and Three R's ( <i>Guide, p 17</i> )	X				
<b>10. Occupational Health and Safety of Personnel</b>					
	A*	M	S	C	NA
• Program is in place and is consistent with federal, state, and local regulations ( <i>Guide, p 17</i> ) [must]	X				
• Program covers <i>all</i> personnel who work in laboratory animal facilities ( <i>Guide, p 18</i> )	X				
• Changing, washing, and showering facilities are available as appropriate ( <i>Guide, p 19</i> )	X				
• Hazardous facilities are separated from other areas and identified as limited access ( <i>Guide, p 19</i> )	X				
• Personnel training is provided based on risk (e.g., zoonoses, hazards, personal hygiene, special precautions, animal allergies) ( <i>Guide, p 20</i> )	X				
• Personal hygiene procedures are in place (e.g., work clothing, eating/drinking/smoking policies) ( <i>Guide, p 20</i> )	X				
• Procedures for use, storage, and disposal of hazardous biologic, chemical, and physical agents are in place ( <i>Guide, p 21</i> )	X				
• Personal Protective Equipment for the work area is appropriate and available ( <i>Guide, p 21</i> )	X				
• <b>Program for medical evaluation and preventive medicine for personnel includes:</b>					
○ Pre-employment evaluation including health history ( <i>Guide, p 22</i> )	X				
○ Immunizations as appropriate (e.g., rabies, tetanus) and tests as appropriate ( <i>Guide, p 22</i> )	X				
○ Zoonosis surveillance as appropriate (e.g., Q-fever, tularemia, Hantavirus, plague) ( <i>Guide, p 23</i> )	X				
○ Procedures for reporting and treating injuries, including accidents, bites, allergies, etc. ( <i>Guide, p 23</i> )	X				
○ Promotes early diagnosis of allergies including preexisting conditions ( <i>Guide, p 22</i> )	X				
○ Considers confidentiality and other legal factors as required by federal, state and local regulations ( <i>Guide, p 22</i> ) [must]	X				
○ If serum samples are collected, the purpose is consistent with federal and state laws ( <i>Guide, p 22</i> ) [must]	X				
• Waste anesthetic gases are scavenged ( <i>Guide, p 21</i> )	X				
• Hearing protection is provided in high noise areas ( <i>Guide, p 22</i> )	X				
• Respiratory protection is available when performing airborne particulate work ( <i>Guide, p 22</i> )	X				
• <b>Special precautions for personnel who work with nonhuman primates, their tissues or body fluids include:</b>					
○ Tuberculosis screening provided for all exposed personnel ( <i>Guide, p 23</i> )	X				
○ Training and implementation of procedures for bites, scratches, or injuries associated with macaques ( <i>Guide, p 23</i> )	X				



## Attachment A Semiannual Program Review Checklist

<ul style="list-style-type: none"> <li>○ PPE is provided including gloves, arm protection, face masks, face shields, or goggles (<i>Guide, p 21</i>)</li> </ul>	X				
<ul style="list-style-type: none"> <li>○ Injuries associated with macaques are carefully evaluated and treatment implemented (<i>Guide, p 23</i>)</li> </ul>	X				
<ul style="list-style-type: none"> <li>• Occupational safety and health of field studies is reviewed by OSH committee or office (<i>Guide, p 32</i>)</li> </ul>	X				
<b>11. Personnel Security</b>	<b>A*</b>	<b>M</b>	<b>S</b>	<b>C</b>	<b>NA</b>
<ul style="list-style-type: none"> <li>• Preventive measures in place include pre-employment screening, and physical and IT security (<i>Guide, p 23</i>)</li> </ul>	X				
<b>12. Investigating &amp; Reporting Animal Welfare Concerns</b>	<b>A*</b>	<b>M</b>	<b>S</b>	<b>C</b>	<b>NA</b>
<ul style="list-style-type: none"> <li>• Methods for investigating and reporting animal welfare concerns are established (<i>Guide, p 23</i>) [must]</li> </ul>	X				
<ul style="list-style-type: none"> <li>• Reported concerns and corrective actions are documented (<i>Guide, p 24</i>)</li> </ul>	X				
<ul style="list-style-type: none"> <li>• Mechanisms for reporting concerns are posted in facility and at applicable website with instructions (<i>Guide, p 24</i>)</li> </ul>	X				
<ul style="list-style-type: none"> <li>○ Includes multiple contacts (<i>Guide, p 24</i>)</li> </ul>	X				
<ul style="list-style-type: none"> <li>○ Includes anonymity, whistle blower policy, nondiscrimination and reprisal protection (<i>Guide, p 24</i>)</li> </ul>	X				

### Veterinary Care

<b>1. Clinical Care and Management</b>	<b>A*</b>	<b>M</b>	<b>S</b>	<b>C</b>	<b>NA</b>
<ul style="list-style-type: none"> <li>• Veterinary program offers high quality of care and ethical standards (<i>Guide, p 105</i>) [must]</li> </ul>	X				
<ul style="list-style-type: none"> <li>• Veterinarian provides guidance to all personnel to ensure appropriate husbandry, handling, treatment, anesthesia, analgesia, and euthanasia (<i>Guide, p 106</i>)</li> </ul>	X				
<ul style="list-style-type: none"> <li>• Veterinarian provides oversight to surgery and perioperative care (<i>Guide, p 106</i>)</li> </ul>	X				
<ul style="list-style-type: none"> <li>• Veterinary care program is appropriate for program requirements (<i>Guide, pp 113-114</i>)</li> </ul>	X				
<ul style="list-style-type: none"> <li>• Veterinarian(s) is familiar with species and use of animals and has access to medical and experimental treatment records (<i>Guide, p 114</i>)</li> </ul>	X				
<ul style="list-style-type: none"> <li>• Procedures to triage and prioritize incident reports are in place (<i>Guide, p 114</i>)               <ul style="list-style-type: none"> <li>• Procedures are in place to address:                   <ul style="list-style-type: none"> <li>○ Problems with experiments to determine course of treatment in consultation with investigator (<i>Guide, p 114</i>)</li> <li>○ Recurrent or significant health problems with the IACUC and documentation of treatments and outcomes (<i>Guide, p 114</i>)</li> <li>○ Veterinary review and oversight of medical and animal use records (<i>Guide, p 115</i>)</li> </ul> </li> </ul> </li> </ul>	X				
<ul style="list-style-type: none"> <li>• Procedures established for timely reporting of animal injury, illness, or disease (<i>Guide, p 114</i>) [must]</li> </ul>	X				
<ul style="list-style-type: none"> <li>• Procedures established for veterinary assessment, treatment, or euthanasia (<i>Guide, p 114</i>) [must]</li> </ul>	X				
<ul style="list-style-type: none"> <li>• Veterinarian is authorized to treat, relieve pain, and/or euthanize (<i>Guide, p 114</i>) [must]</li> </ul>	X				
<b>2. Animal Procurement and Transportation/Preventive Medicine</b>	<b>A*</b>	<b>M</b>	<b>S</b>	<b>C</b>	<b>NA</b>
<ul style="list-style-type: none"> <li>• Procedures for lawful animal procurement are in place (<i>Guide, p 106</i>) [must]</li> </ul>	X				
<ul style="list-style-type: none"> <li>• Sufficient facilities and expertise are confirmed prior to procurement (<i>Guide, p 106</i>)</li> </ul>	X				
<ul style="list-style-type: none"> <li>• Procurement is linked to IACUC review and approval (<i>Guide, p 106</i>)</li> </ul>	X				
<ul style="list-style-type: none"> <li>• Random source dogs and cats are inspected for identification (<i>Guide, p 106</i>)</li> </ul>	X				
<ul style="list-style-type: none"> <li>• Population status of wildlife species is considered prior to procurement (<i>Guide, p 106</i>)</li> </ul>	X				



## Attachment A

### Semiannual Program Review Checklist

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

#### 3. Surgery

	A*	M	S	C	NA
• Surgical outcomes are assessed and corrective changes instituted ( <i>Guide, p 115</i> )	X				
• Researchers have appropriate training to ensure good technique ( <i>Guide, p 115</i> ) <b>[must]</b>		X			
• Pre-surgical plans are developed and include veterinary input (e.g., location, supplies, anesthetic and analgesic use, peri-operative care, recordkeeping) ( <i>Guide, p 116</i> )	X				
• Aseptic surgery is conducted in dedicated facilities or spaces, unless exception justified and IACUC approved ( <i>Guide, p 116</i> )	X				
• Surgical procedures including laparoscopic procedures are categorized as major or minor ( <i>Guide, pp 117-118</i> )	X				
• For nonsurvival surgery, the site is clipped, gloves are worn and instruments and area are clean ( <i>Guide, p 118</i> )	X				
• Aseptic technique is followed for survival surgical procedures ( <i>Guide, pp 118-119</i> )	X				
• Effective procedures for sterilizing instruments and monitoring expiration dates on sterile packs are in place ( <i>Guide, p 119</i> )	X				
• Procedures for monitoring surgical anesthesia and analgesia are in place ( <i>Guide, p 119</i> )	X				
• For aquatic species, skin surfaces are kept moist during surgical procedures ( <i>Guide, p 119</i> )	X				
• Post-operative monitoring and care are provided by trained personnel and documented (e.g., thermoregulation, physiologic function, analgesia, infection, removal of skin closures) ( <i>Guide, pp 119-120</i> )		X			

#### 4. Pain, Distress, Anesthesia and Analgesia

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

## Attachment A Semiannual Program Review Checklist

regularly reviewed and updated ( <i>Guide</i> , <a href="#">p 122</a> )					
• Special precautions for the use of paralytics are in place to ensure anesthesia* ( <i>Guide</i> , <a href="#">p 123</a> )	<b>X</b>				
<b>5. Euthanasia</b>	<b>A*</b>	<b>M</b>	<b>S</b>	<b>C</b>	<b>NA</b>
• Methods are consistent with AVMA Guidelines on Euthanasia unless approved by the IACUC ( <i>Guide</i> , <a href="#">p 123</a> )	<b>X</b>				
• Standardized methods are developed and approved by the veterinarian and IACUC that avoid distress and consider animal age and species ( <i>Guide</i> , <a href="#">pp 123-124</a> )	<b>X</b>				
• Training is provided on appropriate methods for each species and considers psychological stress to personnel ( <i>Guide</i> , <a href="#">p 124</a> )	<b>X</b>				
• Procedures and training are in place to ensure death is confirmed ( <i>Guide</i> , <a href="#">p 124</a> ) <b>[must]</b>	<b>X</b>				
<b>6. Drug Storage and Control</b>	<b>A*</b>	<b>M</b>	<b>S</b>	<b>C</b>	<b>NA</b>
• Program complies with federal regulations for human and veterinary drugs( <i>Guide</i> , <a href="#">p 115</a> ) <b>[must]</b>	<b>X</b>				
• Drug records and storage procedures are reviewed during facility inspections ( <i>Guide</i> , <a href="#">p 115</a> )	<b>X</b>				
• Procedures are in place to ensure analgesics and anesthetics are used within expiration date ( <i>Guide</i> , <a href="#">p 122</a> ) <b>[must]</b>	<b>X</b>				
• Anesthetics and analgesics are acquired, stored, and their use and disposal are recorded legally and safely ( <i>Guide</i> , <a href="#">p 122</a> )	<b>X</b>				

\*

**A** = acceptable

**M** = minor deficiency

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

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

**NA** = not applicable

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## Enclosure 1 IACUC Changes and Training

[REDACTED]	Scientific full committee member	Reappointed March 2020
[REDACTED]	Scientific full committee member	Appointed May 2020
[REDACTED]	Veterinarian full committee member	Reappointed June 2020
[REDACTED]	Veterinarian alternate	Appointed June 2020
[REDACTED]	Scientific full committee member (former alternate)	Appointed June 2020
[REDACTED]	Unaffiliated full committee member	Appointed September 2020
[REDACTED]	Scientific full committee member	Appointment completed May 2020
[REDACTED]	Scientific full committee member	Appointment completed July 2020

During this period an emphasis has been placed on increasing committee training opportunities. In the Fall 2019 semiannual report the IACUC noted the following deficiency:

- **IACUC Membership and Function:** IACUC evaluates the effectiveness of training programs.

In February 2020 an additional position within the IACUC office was approved to focus on training concerns including committee training. This position was put on a freeze in March 2020 in response to the pandemic. The candidate will begin in September 2020.

The following trainings have occurred:

### Webinars:

- March 2020-OLAW-Building a Research Occupational Health Program-IACUC office
- March 2020-Pandemic Contingency Planning and its Impact on Animal Care-IACUC committee
- March, 26, 2020-FASEB Webinar: Animal Research Regulations-Understanding Federal Oversight Mechanism-IACUC office
- May 2020-Universal Protocol Form, CUSP, and the Guide-Research regulatory manager
- June 23, 2020 - Webinar Effective and Efficient Semiannual Inspections: How to Get the Most Out of Your IACUC Inspections- IACUC committee

### Conference attendance:

- March 2020-ICARE Academy-IACUC staff member
- April 2020-PRIM&R Conference-Research regulatory manager, Non-scientist committee member

### Other:

## Enclosure 1 IACUC Changes and Training

- April 2020-Member expectations and evaluations were developed-Evaluations will be performed in the next semiannual period
- May 2020- Inspection training series-Rodent housing room
- May 2020- [REDACTED] onboarding-new member training was restructured
- June 2020- Inspection training series-Procedural and surgical space
- June 25, 2020 - Improving the Rigor & Reproducibility of Animal Research using ARRIVE-Talk by committee member [REDACTED]-IACUC Committee
- July 2020- Committee training/discussion on article: [REDACTED]  
Reproducibility and Rigor in Animal-Based Research, *ILAR Journal*, Volume 60, Issue 1, 2019, Pages 17–23, <https://doi.org/10.1093/ilar/ilz015>
- August 2020-Committee training/discussion by Committee member [REDACTED] on library searches

### Upcoming trainings:

- TBD-Committee retreat-due to COVID-19 our planned March 2020 training retreat was cancelled. We plan to reschedule when we can meet again in person.
- TBD- UF Research Reproducibility 2020 Conference- Committee Member [REDACTED]  
[REDACTED] will be speaking, Committee has been encouraged to attend.



## Enclosure 2 IACUC Protocol Review

Numbers below generated for the period of March 2, 2020-July 16, 2020:

**New protocols:** 95 (11% decrease from Fall 2019)

- FCR: 21
- DMR: 43
- Administrative: 30
- Withdrawn: 1

**Triennials:** 95 (20% increase from Fall 2019)

- FCR: 32
- DMR: 38
- Admin: 25
- Withdrawn: 0

**Modifications:** 367 (15% decrease from Fall 2019)

- FCR: 16
- DMR: 112
- Admin: 224
- Withdrawn: 15

**Grant Congruency Reviews:** 44 (12% increase from Fall 2019) : this includes the following agencies ACS, ADA, AHA, CDC, FDA, JDRF, NHF, MDA, NIH, NKF, NSF, DoD, BARDA, USDA, March of Dimes, NASA.

We completed an assessment of our business processes for protocol review and grant congruency, a new form/checklist was created to aid in grant congruency, this has increased efficiency and rigor of reviews.

### **Updates:**

Due to the response to the pandemic the Huron 9.0 (new protocol system) launch was postponed. The Huron 9.0 working group is scheduled to resume planning shortly. A new target launch date is March 2021. In February 2020 a position was approved in the IACUC office to assist with training within the Animal Care and Use program, this position was put on a freeze due to the response to the pandemic. This position is needed urgently as it will be crucial in assisting with the launch of Huron 9.0, specifically with the training of office staff, IACUC committee, and research community on the new protocol system. As of July 2020 interviews have begun for this position.

### Enclosure 3 Departures from the Guide

There were 17 departures from the Guide during this reporting period (March 2, 2020-September 2, 2020). There were 14 departures for the use of non-pharmaceutical grade drugs when pharmaceutical grade is available, 1 exclusion of enrichment, 1 departure from light cycle standards, and 1 departure from housing space requirements.

Protocol	PI	Title	Species	Departure
201909084 mod 5		MARCKS and PIP2 regulation of ENaC	Mice	Using non-pharmaceutical grade drugs when pharmaceutical grade drugs are available.

**Description:** Using non-pharmaceutical grade dapagliflozin.

**Justification:** Pharmaceutical grade Dapagliflozin is difficult to get for in vivo animal studies. It is not produced or sold for preclinical animal research/studies. Although Dapagliflozin from either Sigma or MedChemExpress is not pharmaceutical grade, it is intended for preclinical in vivo studies including experiments involving animal models. Its purity (>98%) meets the requirement for pharmaceutical grade compound. Often times, when a pharmaceutical grade compound is not available or difficult to acquire, a research grade compound can be used as an alternative for preclinical in vivo studies. There are numerous published papers on non-pharmaceutical grade Dapagliflozin being used in animal studies including the following reference. (<https://www.frontiersin.org/articles/10.3389/fendo.2019.00441/full>)

Protocol	PI	Title	Species	Departure
201810240 mod 2		Beta-3 Adrenergic Receptor Signaling in Pulmonary Hypertension Associated with Left Heart Failure	Mice	Using non-pharmaceutical grade drugs when pharmaceutical grade drugs are available.

**Description:** Using non-pharmaceutical grade mirabegron, nebivolol, and propranolol.

**Justification:** Dose/concentration needed for the study is not available as pharmaceutical grade.

Protocol	PI	Title	Species	Departure
201708562 _01 mod 5		Chemical-induced neurotoxicity in developing zebrafish	Fish	Using non-pharmaceutical grade drugs when pharmaceutical grade drugs are available.

**Description:** Using non-pharmaceutical grade Perfluoroheptanoic acid, perfluoropentanoic acid, Fluorouracil, cyclophosphamide, and pramipexole.

**Justification:** In the environment, these compounds are not pharmaceutical grade. Experiments are environmentally relevant and non-pharmaceutical grade is sufficient.



### Enclosure 3 Departures from the Guide

Protocol	PI	Title	Species	Departure
201910950	[REDACTED]	Treatment Targets for Pulmonary Hypertension Associated with Left Heart Failure	Mice	Using non-pharmaceutical grade drugs when pharmaceutical grade drugs are available.

**Description:** Use of non-pharmaceutical grade dapagliflozin, empagliflozin and tacrolimus.

**Justification:** Pharmaceutical grade dose/concentrations available are too dilute for use in osmotic pump.

Protocol	PI	Title	Species	Departure
202008217	[REDACTED]	Functional Mapping of Novel Bone Marrow-Brain Interactions: Therapeutic Role for Neuroinflammation	Mice/Rats	Using non-pharmaceutical grade drugs when pharmaceutical grade drugs are available.

**Description:** Use of non-pharmaceutical grade angiotensin II.

**Justification:** The only Ang II that is pharmaceutical grade is the synthetic human Ang II (Giapreza). It is only issued by prescription to humans. In addition, this has not been used in hypertension research in rodents and it is unknown if it will produce same or similar rodent models.

Protocol	PI	Title	Species	Departure
202005437	[REDACTED]	Molecular Genetic Characterization of SCA8	Mice	Using non-pharmaceutical grade drugs when pharmaceutical grade drugs are available.

**Description:** Use of non-pharmaceutical grade metformin.

**Justification:** Metformin: There is not a powder pharmaceutical-grade formulation of metformin available. We will use the Sigma Pharmaceutical Secondary Standard, as the available formulations (tablet, liquid) are not suitable to use in our SCA8 mouse model. Tablets would not dissolve fully in water and could result in dosage inequity, and orally gavaging this mouse model could have detrimental effects. The liquid (Riomet) may dissolve in water, however, we are unsure if the dosage and solution would be stable once mixed with liquid, but this formulation is flavored and has not been studied for palatability in mice. The powder formulation dissolves fully

### Enclosure 3 Departures from the Guide

in water and is palatable to mice. We will be using the Pharmaceutical Secondary Standard metformin hydrochloride available from Millipore Sigma/Sigma Aldrich. The US Food and Drug Administration (FDA), United States Pharmacopeia (USP) and European Pharmacopoeia (EP) all recognize the use of secondary standards or working standards which are established with reference to the corresponding primary standard (Sigma-Aldrich). It is traceable to USP 1396309 and EP M0605000.

Protocol	PI	Title	Species	Departure
201705927 modification n 27		AAV-mediated Gene Therapy for Age-related Hearing Loss	Mice	Using non-pharmaceutical grade drugs when pharmaceutical grade drugs are available.

**Description:** Use of non-pharmaceutical grade estrone.

**Justification:** Estrone (E1) is only available as a suppository or cream, so not in a usable form for our mouse study.

Protocol	PI	Title	Species	Departure
202011081		Regulators of retinal metabolism in healthy and degenerating retinas	Mice	Using non-pharmaceutical grade drugs when pharmaceutical grade drugs are available and exclusion of enrichment.

**Description:** Use of non-pharmaceutical grade metformin and no enrichment provided.

**Justification:** An injectable, pharmaceutical grade drug is not available, only oral, and this is not the route of delivery proposed in this project. Those mice exposed to light damage or preconditioning will have their nestlet removed during the course of the procedure. We have observed that mice hide under the nestlet, which blocks light from those that hide. This increases variability and thus would require experiments to be repeated further in the event that the nestlet is not removed. Upon returning mice to cages without light treatment, the nestlet will be replaced.

Protocol	PI	Title	Species	Departure
202009672		Role of cortical Catecholamines in the Action of Stimulants in ADHD therapy	Mice	Using non-pharmaceutical grade drugs when pharmaceutical grade drugs are available.



### Enclosure 3 Departures from the Guide

**Description:** Use of non-pharmaceutical grade amphetamine, desipramine, fluoxetine, and methylphenidate.

**Justification:** The pharmaceutical formulations are not available through our approved vendors. Additionally, formulations are capsules which cannot be used for animal research purposes.

Protocol	PI	Title	Species	Departure
202011062		Investigating mechanisms of brain function in health and disease	Mice	Exclusion of enrichment

**Description:** Mice subjected to early life stress will be excluded from standard enrichment environment during the implementation of the limited nesting model.

**Justification:** It is essential that mice are exposed to limited bedding and nesting for this stress protocol to work.

Protocol	PI	Title	Species	Departure
202008340		Testing role for NKT cells for swine influenza immunity	Pigs	Housing outside of Guide size standards

**Description:** Pregnant sows will be housed in a standard farrowing crate for the immediate periparturient period and during lactation (no longer than d109 gestation through weaning of piglets at 4wks). Sows will enter the farrowing crate 3 days prior to her expected farrowing date and will return to standard housing two weeks after farrowing. The farrowing crate has overall dimensions of 7ft x 6ft (42ft<sup>2</sup>) and provides an effective sow floor space of approximately 6.0ft x 1.63ft (9.78ft<sup>2</sup>, as measured from the bottom bar, exclusive of the feeder space). The sow floor space is outside of the recommendations of the Guide for the Care and Use of Laboratory Animals (60ft<sup>2</sup>) and the Guide for the Care and Use of Agricultural Animals in Research and Testing (14ft<sup>2</sup>).

**Justification:** Farrowing crates are designed to minimize preweaning piglet mortality by protecting piglets from crush injuries that may occur from sow movements. Additionally, many sows or primiparous gilts may actively injure newborn piglets by biting ("savaging")--restricting sow movements will minimize this potential outcome. Housing in a farrowing crate may also protect animal care personnel from overly aggressive periparturient sows (Curtis SE. 1995. The physical environment and mortality. Pages 269-285 in The Neonatal Pig: Development and Survival. MA Varley, ed. CAB Int., Wallingford, UK).

Protocol	PI	Title	Species	Departure
202009714		High-Fat Diet and Skeletal Muscle Dysfunction in Heart Failure	Rats	Using non-pharmaceutical grade drugs when pharmaceutical grade drugs are available.

### Enclosure 3 Departures from the Guide

**Description:** Use of non-pharmaceutical grade N-acetylcysteine.

**Justification:** The animals will consume N-acetylcysteine by oral gavage. The compound is diluted in water, filter sterilized, and prepared in a sterile conditions. There is no need to use a pharmaceutical version, which is designed for intravenous injection.

Protocol	PI	Title	Species	Departure
201803393 mod 4	[REDACTED]	Immunotherapy Plus Tolerogenic Microparticle Vaccine for Type 1 Diabetes	Rats	Using non-pharmaceutical grade drugs when pharmaceutical grade drugs are available.

**Description:** Use of non-pharmaceutical grade clemastine fumarate.

**Justification:** The clemastine is used in combination with microparticle treatment and would be difficult to have an adequate control for no clemastine. By preparing it, we can adequately use the vehicle control.

Protocol	PI	Title	Species	Departure
202009909	[REDACTED]	Cognitive modulation of sensory processing in rats	Rats	Using non-pharmaceutical grade materials when pharmaceutical grade is available.

**Description:** Use of non-pharmaceutical grade vet bond.

**Justification:** Vetbond is formulated different than FDA approved internal cyanoacrylate like Dermabond, and use of Vetbond is preferred over the Dermabond formulation based upon our success with Vetbond yet unproven success with Dermabond.

Protocol	PI	Title	Species	Departure
202009786	[REDACTED]	RNA Processing-Mediated Mechanisms of CNS Dysfunction in Myotonic Dystrophy	Mice	Departure from Guide light cycle standards

**Description:** Analysis of circadian rhythms will be performed in constant dark conditions for 2 weeks. This is a standard approach accepted in the field. Previous to the circadian analysis, the mice will be in regulated for 1 week of 12:12 light:dark conditions, which should not provide any stress to the animals. During the constant dark conditions, mouse activity is monitored 24/7 and the mice are checked daily under red light conditions. Since we have the activity behaviors we will be able to note if specific mice are distressed. We are working with the [REDACTED] group on this project and in their 15+ years performing circadian phenotyping analysis, they have not had



### Enclosure 3 Departures from the Guide

one single incidence of health related issues with any of the mice. We do not expect that to change.

**Justification:** Currently there is no way to study the circadian clock unless entrainment stimuli such as light are removed.

Protocol	PI	Title	Species	Departure
202011044	[REDACTED]	Evaluation of Anaplasma phagocytophilum recombinant VirB10 protein for protection against Ehrlichia chaffeensis	Mice	Using non-pharmaceutical grade drugs when pharmaceutical grade drugs are available.

**Description:** Use of non-pharmaceutical grade B-galactosidase.

**Justification:** We will produce recombinant VirB10 proteins using an E.coli expression system. However during the purification process, some small fractions of E.coli proteins might be co-eluted and potentially induce immune responses in the mice that may confound our results. Therefore, we will express an irrelevant antigen, B-galactosidase in the same system to account for these potential responses in order to make an appropriate comparison with the rVirB10-vaccinated mice.

Protocol	PI	Title	Species	Departure
201910604 modification 2	[REDACTED]	Transgenic Pigs with Red-Shifted Channelrhodopsin-Citrine Fusion Proteins. Potential COVID-19 related work.	Pigs	Using a non-pharmaceutical grade drugs when pharmaceutical grade drugs are available.

**Description:** Use of non-pharmaceutical grade diminazene.

**Justification:** The pharmaceutical grade form of this drug only exists in a formulation that contains another drug, an anti-inflammatory. The anti-inflammatory will interfere with our studies.

## **Enclosure 4**

### **Post Approval Monitoring**

The goal of Post Approval Monitoring (PAM) is to work with, and in support of, PI's/research staff members to confirm accurate and consistent protocol performance in a collegial and unobtrusive manner. PAM visits are designed to be educational in nature, inform laboratories of upcoming changes, promote collaboration, and obtain feedback from our research community.

In January 2020 changes were made to the PAM program. Historically PAM visits have not been performed during semiannual inspections, this in turn has limited our ability to meet with PI's/research staff and thus decreased our collaboration efforts. PAM visits are now being performed year round by the PAM coordinator. In addition historically the PAM coordinator assisted in other post approval compliance duties (non-compliances, semi-annual follow ups), this has now been taken over by other members of the IACUC office in an attempt to increase the number of PAM visits being performed and increase our collaborations across campus with the research community.

During this semiannual review period a total of 32 laboratories were visited in person via our normal PAM process, 18% having concerns (22 had no issues, 1 had minor issues and 5 had major or multiple issues).

Issues found during PAM visits include administrative protocol issues, inadequate training, inadequate labeling, expired materials, EHS concerns (tripping hazards, food and drink in procedure areas), inadequate surgical records, hycheck concerns, surgical/post-surgical records, overcrowded cages, and expired isoflurane vaporizer calibration. All concerns were resolved through the efforts of the PAM coordinator and other members of the animal care program.

Between March 2020 and July 2020 in response to the University shutdown, traditional PAM visits were unable to be conducted. In an effort to continue collaboration with the research community during this time 368 PIs were contacted remotely via phone call, calls were focused on select active protocols and procedures which had recently been done. In addition to the phone calls, a self-evaluation tool (see below) was developed and emailed to every PI and study coordinator for their internal use. The goal of the self-evaluation tool was to assist labs in self identifying issues to minimize protocol deviations, incidents of noncompliance and also deficiencies observed during the upcoming semiannual facility inspections. Positive feedback has been received by laboratories who have chosen to use it.



## Self-Guided Protocol and Animal Activity Evaluation Tool

### The objectives of the evaluation tool are to:

- Ensure all activities are being conducted in accordance to the IACUC protocol
- Verify that personnel are knowledgeable of the approved activities
- Mitigate the risk of protocol non-compliance
- Strengthen culture of compliance

### How to implement the evaluation tool within your laboratory?

- Review all IACUC approved protocols, laboratory SOPs, laboratory notebooks, and animal records as they pertain to your approved protocols.
- Review relevant UF IACUC and ACS policies and guidelines.
- Each laboratory member should review components as they pertain directly to their work and ensure specific procedures are conducted in accordance with the protocol.
  - Examples: analgesia/anesthesia regimens, pre- and post- operative procedures, sampling time points, dosages, route and frequency of injections, euthanasia techniques, special husbandry, location of animal use, experimental and humane endpoints, etc.
- Laboratory members who assist with or perform surgery should carefully review aseptic technique and PPE, instrumentation use, intra-op monitoring, suture type and technique, staple or tissue adhesive use, the procedure itself, and potential complications. If a lab member believes they need a refresher training, this should be requested from the PI, laboratory manager, and/or through ACS.

**If a protocol deviation is found, a modification must be submitted immediately and activity ceased until approval is obtained.**

## Self-Guided Protocol and Animal Activity Evaluation Tool

[illegible]



## Self-Guided Protocol and Animal Activity Evaluation Tool

[illegible]

PI Signature \_\_\_\_\_

Date \_\_\_\_\_

## Enclosure 5

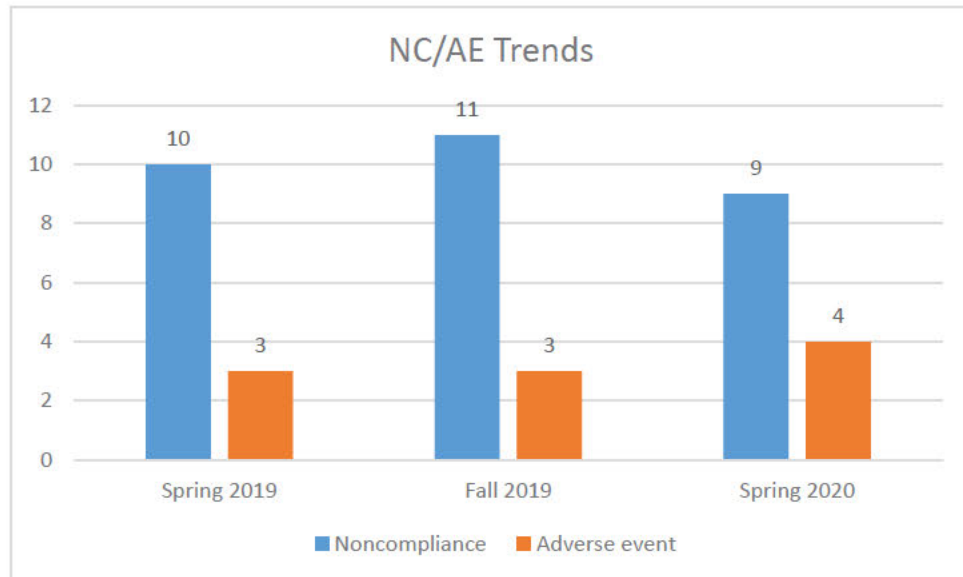
### Noncompliance/Adverse event

The IACUC had 14 non-compliances/adverse events during this semi-annual period. The details of the incidents are shown in the table below.

#	Species	USDA	Complaint	IACUC notified by	IACUC Determination	Reportable
1	Mouse	No	Failure to provide post-operative analgesics per protocol	Found during lab visit	Noncompliance	Yes
2	Mouse	No	Oral gavage injury	Self-report	Adverse event	Yes
3	Mouse	No	Multiple lab to care related issues	ACS	Noncompliance	Yes
4	Chicken	No	Animal death due to equipment failure	Self-report	Adverse event	Yes
5	Mouse	No	Animal death due to improper drug reconstitution	Self-report	Noncompliance	Yes
6	Mouse/Rat	No	Failure to carry out veterinary orders and failure to maintain appropriate animal-related records	ACS	Noncompliance	Yes
7	Mouse	No	Deviations from protocol regarding tumor experiment and mouse strain, tumors past experimental endpoint/size limits	ACS	Noncompliance	Yes
8	Mouse	No	Improper surgical prep and surgical training non-compliance	ACS	Noncompliance	Yes
9	Axolotl	No	Animal health checks/environmental monitoring not being performed daily, deviations from UF policies and protocol SOP's, expired materials, and failure to maintain appropriate animal-related records	Found during unannounced inspection	Noncompliance	Yes
10	Rabbit	Yes	Failure to provide post procedural analgesics per protocol	Self-report	Noncompliance	Yes
11	Mice	No	Animal death following transport	ACS	Adverse event	Yes
12	Mice	No	Unapproved holding of animals in laboratory for >8 hours and surgical training noncompliance	ACS	Noncompliance	Yes
13	Mice	No	Animal death due to mishandling	ACS-self report	Adverse event	Yes
14	Chicken	No	Animal death due to suboptimal temperature	ACS	Pending	Pending



## Enclosure 5 Noncompliance/Adverse event



## **Enclosure 6 Regulatory Agencies**

In June 2020, the animal rights group Stop Animal Exploitation Now filed an official complaint against the University of Florida with the USDA in regards to multiple non-compliances. In July 2020, the USDA began a focused inspection into the complaint. Two citations were found during the inspection.

1. Critical repeat due to analgesia not being given per protocol. By not following the approved protocol, a research animal may experience greater pain or distress than was justified to or approved by the IACUC. Principal investigators will not deviate from approved protocols until they submit proposed modifications to protocols involving animal activity for review and approval by the IACUC prior to implementation of such changes.
2. Failure to report suspension to USDA. The facility must develop a system such that the Institutional Official, in consultation with the IACUC, shall review the reasons for suspension of a protocol, take appropriate corrective action, and promptly report the action with a full explanation to USDA. Failure to do so compromises APHIS officials' ability to evaluate and monitor animal welfare compliance in a timely manner.

FINAL



## Enclosure 7 Animal Handler Training

### AALAS library

We utilize AALAS learning library for the majority of our IACUC required training.

1037 (1065 Fall 2019) *required* AALAS courses taken

- Working with the IACUC: 190
- Refresher: Working with the IACUC: 95
- Working with the Laboratory Mouse: 114
- Colony management I: Breeding and Record Keeping: 52
- Genetics: Transgenic Mice: 55
- Working with the Laboratory Rat: 55
- Aseptic Technique for Rodent Survival Surgery: 76
- Post-Procedure Care of Mice and Rats in Research: Minimizing Pain and Distress: 91
- Pain Management in Laboratory Animals: 140
- Intro to "Species name": 169

### Rodent Hands On Training Provided by ACS

ACS currently provides the IACUC hands on required training. In response to the pandemic hands on classes were paused on March 11, 2020, resulting in less classes being offered/personnel attending. Classes were resumed on June 2, 2020.

- ACS802 Aseptic Technique-Primary: 22 (16% decrease from Fall 2019)
- ACS802 Aseptic Technique-Secondary: 6 (40% decrease from Fall 2019)
- Surgery Observations: 17 (15% decrease from Fall 2019)

### Training Updates

In the Fall 2019 semiannual report the IACUC noted the following training deficiencies:

- **IACUC Membership and Function:** IACUC evaluates the effectiveness of training Programs.
- **Veterinary Care-Surgery:** Researchers have appropriate training to ensure good technique
- **Veterinary Care-Surgery:** Post-operative monitoring and care are provided by trained personnel and documented (e.g., thermoregulation, physiologic function, analgesia, infection, removal of skin closures)
- **Personnel Qualifications and Training:** Research investigators, instructors, technicians, trainees, and students
- **Personnel Qualifications and Training:** Humane practices of animal use (e.g., research procedures, use of anesthesia, pre- and post-operative care, aseptic surgical techniques and euthanasia)

The IACUC along with ACS has begun an assessment of researcher training, with an emphasis on survival surgery training/practices. A *Training of Research Staff Policy* and training implementation proposal has been recently approved by the IACUC. A *Rodent Survival Surgery Record Policy* has been put into place to allow the assessment of veterinary care in animals undergoing surgery.

## **Enclosure 7 Animal Handler Training**

During the recent assessment of training it was discussed that requiring the ACS Rodent Handling course would greatly benefit the training of research staff across campus. In order to provide this course additional training personnel within the program would be needed.

In February 2020 an additional position within the IACUC office was approved to focus on training needs within the program. This position was put on a freeze in March 2020 in response to the pandemic. This position is urgently needed to implement the drafted Policy and changes being developed. The candidate for this position starts in the IACUC office in September 2020.

FINAL



## **Enclosure 8 ACS Updates**

### **Average Daily Census**

As of August 2020, the average daily census across campus was 18,500 cages. Comprised mostly of mice (17,000) and rat (1,115) cages.

### **Rodent Surveillance Program**

As of August 2020 there were 500 mouse sentinel cages and 49 rat sentinel cages throughout the facilities. Most animal rooms are tested, 2 animals/cage per side of rack. Sentinel animals stay in the facilities for 9 months.

### **Animal Shipment**

For calendar year 2020:

Imports: 28 requests completed, 11 pending

Exports: 25 requests completed, 7 pending

### **Enrichment Committee Report**

Due to university restrictions, there were no enrichment committee meetings during March or April of 2020. We did not reduce, withhold, or limit any environmental enrichment for any species during the pandemic. The ongoing trial for using additional enrichment as a treatment for reducing aggression in mice was discontinued during this period. There is no plan time to restart it at this time.

The following were completed by the Enrichment Committee from March 1, 2020 through July 31, 2020.

Created enrichment policies for the following species:

- Rice rats, gerbils, ferrets, chickens, guinea pigs, chinchillas, and rabbits
- Policy for Axolotl enrichment is currently pending

Implemented enrichment plan for chickens in ABSL2 housing

Facilitated improvements to the CVM outdoor dog play areas including laying sod and providing shade to the areas

Monthly evaluation and refinement of general enrichment plans for all species housed in ACS facilities

Monthly evaluation and refinement of enrichment plans for individually-housed USDA covered species

## **Enclosure 9 EHS Semiannual Update**

### **EHS Protocol Review (January 1, 2020- June 30, 2020):**

Overall reviews have decreased by 11% from Fall 2019 semiannual period likely in response to the pandemic:

\*Numbers reflect total reviews, some protocols are reviewed multiple times.\*

Initial reviews: 477

Final reviews: 531

Administrative reviews: 4

Cadaver protocol reviews: 5

Full Committee Meeting reviews: 116

In June 2020, [REDACTED] resigned from the Research Analyst II position. [REDACTED] was hired into that position. There is an active search to fill the [REDACTED] position. The position closed in early August, interviews have been completed and an offer extended.

### **Completed Projects:**

- Field Research Safety Plan Template for Wildlife Research.
- Improved Laboratory Hazard Assessment Questions for animal research, both laboratory and field.
- SOP templates for commonly used chemicals in animals.

### **Ongoing Projects:**

- Implementing Chemical Containment Levels in ACS.
- Updating the Animal Research Safety Program website with more safety resources.
- EHS plans to provide the IACUC with lab inspection data at the next semiannual.

### **Future Projects:**

- Revised DEA Controlled Substance/ DBPR State of Florida Exemption guidance.
- Checklist for EHS requirements to provide to labs when they initiate a new protocol.

### **Projects On Hold:**

- IACUC 9X Library development for hazardous substances and hazard procedures.

### **Animal Contact Program**

4,780 personnel in program (11% decrease from Fall 2019)

- 4,644 approved for animal contact
- 136 approved for no animal contact



## Attachment B Semiannual Program Review Checklist

### Terrestrial Animal Housing and Support Areas

	A*	M	S	C	NA
<b>• Location:</b>					
○ animal areas separate from personnel areas ( <i>Guide, p 134</i> )	X				
○ separation of species ( <i>Guide, p 111</i> )	X				
○ separation by disease status ( <i>Guide, p 111</i> )	X				
○ security and access control ( <i>Guide, p 151</i> )	X				
<b>• Construction:</b>					
○ corridors ( <i>Guide, p 136</i> )	X				
○ animal room doors ( <i>Guide, p 137</i> )	X				
○ exterior windows ( <i>Guide, p 137</i> )	X				
○ floors ( <i>Guide, p 137</i> )	X				
○ drainage ( <i>Guide, p 138</i> )	X				
○ walls and ceilings ( <i>Guide, p 138</i> )	X				
○ heating ventilation and air conditioning ( <i>Guide, p 139</i> )	X				
○ power and lighting ( <i>Guide, p 141</i> )	X				
○ noise control ( <i>Guide, p 142</i> )	X				
○ vibration control ( <i>Guide, p 142</i> )	X				
○ environmental monitoring ( <i>Guide, p 143</i> )	X				
<b>• Room/Cage:</b>					
○ temperature and humidity ( <i>Guide, p 43</i> )	X				
○ ventilation and air quality ( <i>Guide, p 45</i> )	X				
○ illumination ( <i>Guide, p 47</i> )	X				
○ noise and vibration ( <i>Guide, p 49</i> )	X				
<b>• Primary Enclosure:</b>					
○ space meets physiologic, behavioral, and social needs ( <i>Guide, pp 51, 55-63</i> )	X				
○ secure environment provided ( <i>Guide, p 51</i> )	X				
○ durable, nontoxic materials in good repair and no risk of injury ( <i>Guide, p 51</i> )	X				
○ flooring is safe and appropriate for species ( <i>Guide, p 51</i> )	X				
○ adequate bedding and structures for resting, sleeping, breeding ( <i>Guide, p 52</i> )	X				
○ objective assessments of housing and management are made ( <i>Guide, p 52</i> )	X				
○ procedures for routine husbandry are documented ( <i>Guide, p 52</i> )	X				
○ socially housed animals can escape or hide to avoid aggression ( <i>Guide, p 55</i> )	X				
○ cage height provides adequate clearance ( <i>Guide, p 56</i> )	X				
○ animals express natural postures, can turn around, access food and water, and rest away from urine and feces ( <i>Guide, p 56</i> ) [must]	X				
○ rationale for <i>Guide</i> /USDA space exceptions approved by IACUC and based on performance indices ( <i>Guide, p 56</i> )	X				
○ dogs and cats allowed to exercise and provided human interaction ( <i>Guide, p 58</i> )	X				
○ nonhuman primates are socially housed except for scientific, veterinary or behavior reasons ( <i>Guide, pp 58-59</i> )	X				
○ single housing of nonhuman primates is for shortest duration possible ( <i>Guide, p 60</i> )	X				
○ opportunities for release into larger enclosures is considered for single caged nonhuman primates ( <i>Guide, p 60</i> )	X				
○ agricultural animals are housed socially ( <i>Guide, p 60</i> )	X				
○ food troughs and water devices for agricultural animals allow access for all animals ( <i>Guide, p 60</i> )	X				

## Attachment B

### Semiannual Program Review Checklist

<b>• Environmental Enrichment, Behavioral and Social Management:</b>					
○ structures and resources promote species typical behavior ( <i>Guide, pp 52-54</i> )	X				
○ novelty of enrichment is considered ( <i>Guide, p 53</i> )	X				
○ species specific plans for housing including enrichment, behavior and activity are developed and reviewed regularly by IACUC, researchers and veterinarian ( <i>Guide, pp 53, 58, 60, 63</i> )	X				
○ animal care personnel receive training to identify abnormal animal behaviors ( <i>Guide, p 53</i> )	X				
○ stability of pairs or groups is monitored for incompatibility ( <i>Guide, p 64</i> )	X				
○ single housing is justified for social species ( <i>Guide, p 64</i> )	X				
○ single housing is limited to the minimum period necessary ( <i>Guide, p 64</i> )	X				
○ additional enrichment for single housed animals is provided ( <i>Guide, p 64</i> )	X				
○ single housing is reviewed regularly by IACUC and veterinarian ( <i>Guide, p 64</i> )	X				
○ habituation to routine procedures is part of enrichment program ( <i>Guide, p 64</i> )	X				
<b>• Sheltered or Outdoor Housing:</b> (e.g., barns, corrals, pastures, islands)					
○ weather protection and opportunity for retreat ( <i>Guide, p 54</i> ) [must]	X				
○ appropriate size ( <i>Guide, p 54</i> )	X				
○ ventilation and sanitation of shelter (no waste/moisture build-up) ( <i>Guide, p 54</i> )	X				
○ animal acclimation ( <i>Guide, p 55</i> )	X				
○ social compatibility ( <i>Guide, p 55</i> )	X				
○ roundup/restraint procedures ( <i>Guide, p 55</i> )	X				
○ appropriate security ( <i>Guide, p 55</i> )	X				
<b>• Naturalistic Environments:</b>					
○ animals added /removed with consideration of effect on group ( <i>Guide, p 55</i> )	X				
○ adequate food, fresh water, and shelter ensured ( <i>Guide, p 55</i> )	X				
<b>• Food:</b>					
○ feeding schedule and procedures including caloric intake management ( <i>Guide, pp 65-67</i> )	X				
○ contamination prevention ( <i>Guide, p 65</i> )	X				
○ vendor quality control ( <i>Guide, p 66</i> )	X				
○ storage in sealed containers ( <i>Guide, p 66</i> )	X				
○ expiration date labeling ( <i>Guide, p 66</i> )	X				
○ vermin control ( <i>Guide, p 66</i> )	X				
○ rotation of stocks ( <i>Guide, p 66</i> )	X				
<b>• Water:</b>					
○ ad libitum unless justified ( <i>Guide, pp 67-68</i> )	X				
○ QC procedures ( <i>Guide, pp 67-68</i> )	X				
<b>• Bedding and Nesting Materials:</b>					
○ species appropriate ( <i>Guide, pp 68-69</i> )	X				
○ keeps animals dry ( <i>Guide, pp 68-69</i> )	X				
○ QC procedures ( <i>Guide, pp 68-69</i> )	X				
○ minimizes scientific variables ( <i>Guide, pp 68-69</i> )	X				
<b>• Sanitation:</b>					
○ frequency of bedding/substrate change ( <i>Guide, p 70</i> )	X				
○ cleaning and disinfection of microenvironment ( <i>Guide, pp 70-71</i> )	X				
○ cleaning and disinfection of macroenvironment ( <i>Guide, p 72</i> )	X				
○ assessing effectiveness ( <i>Guide, p 73</i> )	X				
<b>• Waste Disposal:</b>					
○ procedures for collection ( <i>Guide, pp 73-74</i> )	X				
○ procedures for storage and disposal ( <i>Guide, pp 73-74</i> )	X				
○ hazardous wastes are rendered safe before removal from facility ( <i>Guide, pp 73-74</i> ) [must]	X				
○ animal carcasses ( <i>Guide, pp 73-74</i> )	X				



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### Semiannual Program Review Checklist

<b>• Pest Control:</b>					
○ regularly scheduled ( <i>Guide, p 74</i> )	<b>X</b>				
○ documented program including control of rodent pests and insecticide use ( <i>Guide, p 74</i> )	<b>X</b>				
<b>• Emergency, Weekend, and Holiday Animal Care:</b>					
○ care provided by qualified personnel every day ( <i>Guide, p 74</i> )	<b>X</b>				
○ provision for accessible contact information ( <i>Guide, p 74</i> )	<b>X</b>				
○ monitoring of backup systems ( <i>Guide, p 143</i> )	<b>X</b>				
○ veterinary care available after hours, weekends, and holidays ( <i>Guide, pp 74, 114</i> ) <b>[must]</b>	<b>X</b>				
○ a disaster plan that takes into account both personnel and animals ( <i>Guide, p 75</i> )	<b>X</b>				
<b>• Identification:</b>					
○ cage/rack cards contain required information ( <i>Guide, p 75</i> )	<b>X</b>				
○ genotype information included and standardized nomenclature used when applicable ( <i>Guide, p 75</i> )	<b>X</b>				
<b>• Recordkeeping:</b>					
○ clinical records accessible and contain appropriate information ( <i>Guide, pp 75-76</i> )	<b>X</b>				
○ records are provided when animals are transferred between institutions ( <i>Guide, p 75</i> )	<b>X</b>				
<b>• Breeding Genetics and Nomenclature:</b>					
○ appropriate genetic records, management and monitoring procedures ( <i>Guide, p 76</i> )	<b>X</b>				
○ phenotypes that affect wellbeing are reported to IACUC and effectively managed ( <i>Guide, p 77</i> )	<b>X</b>				
<b>• Storage:</b>					
○ adequate space for equipment, supplies, food, bedding and refuse ( <i>Guide, p 141</i> )	<b>X</b>				
○ bedding in vermin-free area and protected from contamination ( <i>Guide, p 141</i> )	<b>X</b>				
○ food in vermin-free, temperature and humidity controlled area and protected from contamination ( <i>Guide, p 141</i> )	<b>X</b>				
○ refuse storage is separate ( <i>Guide, p 141</i> )	<b>X</b>				
○ carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable ( <i>Guide, p 141</i> )	<b>X</b>				
<b>• Personnel:</b>					
○ adequate space for locker rooms, administration and training ( <i>Guide, p 135</i> )	<b>X</b>				

\* **A** = acceptable

**M** = minor deficiency

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

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

**NA** = not applicable

## Attachment B Semiannual Program Review Checklist

### Aquatic Animal Housing and Support Areas

	A*	M	S	C	NA
• <b>Location:</b>					
○ animal areas separate from personnel areas ( <i>Guide, p 134</i> )	X				
○ separation of species ( <i>Guide, p 111</i> )	X				
○ separation by disease status ( <i>Guide, p 111</i> )	X				
○ security and access control ( <i>Guide, p 151</i> )	X				
• <b>Construction:</b>					
○ corridors ( <i>Guide, p 136</i> )	X				
○ animal room doors ( <i>Guide, pp 137, 150</i> )	X				
○ exterior windows ( <i>Guide, p 137</i> )	X				
○ floors ( <i>Guide, pp 137, 150</i> )	X				
○ drainage ( <i>Guide, pp 138, 150</i> )	X				
○ walls and ceilings ( <i>Guide, pp 138, 150</i> )	X				
○ heating ventilation and air conditioning ( <i>Guide, pp 139, 150-151</i> )	X				
○ power and lighting ( <i>Guide, pp 141, 150</i> )	X				
○ noise control ( <i>Guide, p 142</i> )	X				
○ vibration control ( <i>Guide, p 142</i> )	X				
○ environmental monitoring ( <i>Guide, p 143</i> )	X				
• <b>Water Quality:</b>					
○ standards for acceptable quality are established ( <i>Guide, p 78</i> )	X				
○ chlorine, chloramines, chemical, and reactive bioproducts are removed or neutralized prior to use in aquatic systems ( <i>Guide, pp 78, 86</i> ) [must]	X				
• <b>Life Support System:</b>					
○ water source is based on appropriate controls and research requirements ( <i>Guide, p 79</i> )	X				
○ biofilter is of sufficient size to process bioload ( <i>Guide, p 80</i> ) [must]	X				
• <b>Temperature, Humidity and Ventilation/Illumination/Noise and Vibration:</b>					
○ temperature and humidity ( <i>Guide, pp 43, 80-81</i> )	X				
○ ventilation and air quality ( <i>Guide, pp 45, 81</i> )	X				
○ illumination ( <i>Guide, pp 47, 81</i> )	X				
○ noise and vibration ( <i>Guide, pp 49, 81</i> )	X				
• <b>Primary Enclosure:</b>					
○ allows for normal physiological and behavioral needs ( <i>Guide, p 82</i> )	X				
○ allows social interaction for social species ( <i>Guide, p 82</i> )	X				
○ provides a balanced, stable environment ( <i>Guide, p 82</i> )	X				
○ provides appropriate water quality and monitoring ( <i>Guide, p 82</i> )	X				
○ allows access to food and waste removal ( <i>Guide, p 82</i> )	X				
○ restricts escape and entrapment ( <i>Guide, p 82</i> )	X				
○ allows undisturbed observation ( <i>Guide, p 82</i> )	X				
○ constructed of nontoxic materials ( <i>Guide, p 82</i> )	X				
○ prevents electrical hazards ( <i>Guide, p 82</i> )	X				
○ space needs of species are evaluated by IACUC during program evaluations and facility inspections ( <i>Guide, p 83</i> )	X				
• <b>Environmental Enrichment, Social Housing, Behavioral and Social Management:</b>					
○ enrichment elicits appropriate behaviors and is safe ( <i>Guide, p 83</i> )	X				
○ semi-aquatic reptiles are provided terrestrial areas ( <i>Guide, p 83</i> )	X				
○ handling is kept to a minimum and appropriate techniques are in place at facility or protocol level ( <i>Guide, p 84</i> )	X				



## Attachment B

### Semiannual Program Review Checklist

○ nets are cleaned, disinfected and managed to avoid contamination of systems ( <i>Guide, p 84</i> )	X				
• <b>Food:</b>					
○ storage to prevent contamination, preserve nutrients and prevent pests ( <i>Guide, p 84</i> )	X				
○ delivery ensures access to all , minimizing aggression and nutrient loss ( <i>Guide, p 84</i> )	X				
○ storage times are based on manufacturer recommendations or accepted practice ( <i>Guide, p 84</i> )	X				
○ a nutritionally complete diet is provided ( <i>Guide, p 84</i> )	X				
• <b>Substrate:</b>					
○ amount, type and presentation of substrate is appropriate for the system and the species ( <i>Guide, p 85</i> )	X				
• <b>Sanitation, Cleaning and Disinfection</b>					
○ frequency of tank/cage cleaning and disinfection is determined by water quality, permits adequate viewing and health monitoring ( <i>Guide, p 86</i> )	X				
○ cleaning and disinfection of macroenvironment ( <i>Guide, p 86</i> )	X				
• <b>Waste Disposal:</b>					
○ procedures for collection ( <i>Guide, pp 73-74</i> )	X				
○ hazardous wastes are rendered safe before removal from facility ( <i>Guide, pp 73-74</i> ) [must]	X				
○ animal carcasses ( <i>Guide, pp 73-74</i> )	X				
• <b>Pest Control:</b>					
○ regularly scheduled ( <i>Guide, p 74</i> )	X				
○ documented program including control of pests and insecticide use ( <i>Guide, p 74</i> )	X				
• <b>Emergency, Weekend, and Holiday Animal Care:</b>					
○ care provided by qualified personnel every day ( <i>Guide, pp 74, 87</i> )	X				
○ provision for accessible contact information ( <i>Guide, pp 74, 87</i> )	X				
○ emergency response plans in place to address major system failures ( <i>Guide, 87</i> )	X				
○ veterinary care available after hours, weekends, and holidays ( <i>Guide, pp 74, 114</i> ) [must]	X				
• <b>Identification:</b>					
○ cage/tank cards contain required information ( <i>Guide, pp 75, 87</i> )	X				
○ genotype information included and standardized nomenclature used when applicable ( <i>Guide, pp 75, 87</i> )	X				
• <b>Recordkeeping:</b>					
○ water quality parameters and frequency of testing recorded ( <i>Guide, p 88</i> )	X				
○ records kept on feeding, nonexpired food supplies, live cultures ( <i>Guide, p 88</i> )	X				
• <b>Storage:</b>					
○ adequate space for equipment, supplies, food, substrate and refuse ( <i>Guide, p 141</i> )	X				
○ substrate protected from contamination ( <i>Guide, p 141</i> )	X				
○ food in vermin-free, temperature and humidity controlled area and protected from contamination ( <i>Guide, p 141</i> )	X				
○ refuse storage is separate ( <i>Guide, p 141</i> )	X				
○ carcass and animal tissue storage is separate, refrigerated below 7°C and cleanable ( <i>Guide, p 141</i> )	X				
• <b>Personnel:</b>					
○ adequate space for locker rooms, administration and training ( <i>Guide, p 135</i> )	X				

- \* **A** = acceptable  
**M** = minor deficiency  
**S** = significant deficiency (is or may be a threat to animal health or safety)

## Attachment B Semiannual Program Review Checklist

### Cagewash

	A*	M	S	C	NA
• <b>Construction and Operation:</b>					
o dedicated central area for sanitizing cages and equipment is provided ( <i>Guide, p 143</i> )	X				
o cage-washing equipment meets need ( <i>Guide, p 143</i> )	X				
o doors, windows, floors, drainage, walls, ceilings ( <i>Guide, pp 136-138</i> )	X				
o convenient to animal areas/waste disposal ( <i>Guide, p 143</i> )	X				
o ease of access (including door size) facilitates use ( <i>Guide, p 143</i> )	X				
o sufficient space for staging and maneuvering ( <i>Guide, p 143</i> )	X				
o safety precautions/clothing/equipment used for waste disposal/prewash/acid wash ( <i>Guide, p 143</i> )	X				
o traffic flow clean to dirty with no contamination of clean equipment by dirty equipment and appropriate air pressurization ( <i>Guide, p 143</i> )	X				
o insulation and/or sound attenuation present as needed ( <i>Guide, p 143</i> )	X				
o utilities are appropriate ( <i>Guide, p 143</i> )	X				
o ventilation meets heat and humidity load ( <i>Guide, p 143</i> )	X				
o safety features (e.g., SOPs, warning signs, eyewash stations) are in use ( <i>Guide, p 143</i> )	X				
o functioning safety devices to prevent entrapment in washer/sterilizers ( <i>Guide, p 143</i> )	X				
o cage wash temperatures are monitored and records are available ( <i>Guide, p 73</i> )	X				
o appropriate clean cage storage ( <i>Guide, p 141</i> )	X				

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

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

**NA** = not applicable



## Attachment B Semiannual Program Review Checklist

### Special Facilities: Aseptic Surgery

	A*	M	S	C	NA
• <b>General Considerations:</b>					
○ location minimizes traffic/contamination ( <i>Guide, p 144</i> )					
○ functional components (surgical support, animal preparation, surgeon scrub, operating room, postoperative recovery) are designed and separated (physically or otherwise) ( <i>Guide, p 144</i> )	X				
○ appropriate drug storage, control, expiration date monitoring ( <i>Guide, pp 115, 122</i> )	X				
○ safe sharps disposal system ( <i>Guide, p 74</i> )	X				
○ adequate records of anesthesia and perioperative care ( <i>Guide, p 122</i> )	X				
○ aseptic procedures in use for all survival surgery ( <i>Guide, pp 118-119</i> )	X				
• <b>Operating Room:</b>					
○ effective contamination control procedures ( <i>Guide, p 144</i> )	X				
○ effective cleaning procedures/dedicated tools ( <i>Guide, p 145</i> )	X				
○ interior surfaces smooth and impervious to moisture ( <i>Guide, p 145</i> )	X				
○ HVAC system meets <i>Guide</i> requirements ( <i>Guide, p 145</i> )	X				
○ lighting safe and appropriate ( <i>Guide, p 145</i> )	X				
○ outlets safe and appropriate ( <i>Guide, p 145</i> )	X				
○ scavenging of anesthetic gases implemented ( <i>Guide, p 145</i> )	X				
• <b>Surgical Support:</b>					
○ facility for washing, sterilizing, storing instruments and supplies ( <i>Guide, p 145</i> )	X				
○ autoclave monitoring procedures are implemented ( <i>Guide, pp 119, 145</i> )	X				
○ storage of autoclaved materials maintains sterility ( <i>Guide, p 145</i> )	X				
○ cold sterilization procedures are appropriate ( <i>Guide, p 119</i> )	X				
• <b>Animal Preparation:</b> contains large sink to facilitate cleaning of animal and operative site ( <i>Guide, p 145</i> )	X				
• <b>Surgeon Scrub:</b> outside operating room, non-hand-operated sink ( <i>Guide, p 145</i> )	X				
• <b>Postoperative Recovery:</b> allows adequate observation, easily cleaned, supports physiologic functions, minimizes risk of injury ( <i>Guide, p 145</i> )	X				
• <b>Dressing Area:</b> place for personnel to change ( <i>Guide, p 145</i> )	X				

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NA = not applicable

## Attachment B Semiannual Program Review Checklist

**Special Facilities: Procedure Areas, Non-survival Surgeries, Laboratories, Rodent Surgeries, Imaging, Whole Body Irradiation, Hazardous Agent Containment, Behavioral Studies**

	A*	M	S	C	NA
<b>• General Considerations:</b>					
o labs used to house animals only when scientifically required and limited to minimum period necessary ( <i>Guide, p 134</i> )	X				
o drug storage, control, and expiration dates ( <i>Guide, pp 115, 122</i> )	X				
o sharps disposal ( <i>Guide, p 74</i> )	X				
o anesthetic monitoring ( <i>Guide, p 120</i> )	X				
o scavenging of anesthetic gases ( <i>Guide, p 21</i> )	X				
o safety features (e.g., SOPs, safety signs, eyewash stations, secure gas cylinders) are in place ( <i>Guide, p 19</i> )	X				
o carcass disposal ( <i>Guide, pp 73-74</i> )	X				
<b>• Additional Concerns for Survival Surgery:</b> (rodent and minor procedures only)					
o rodent survival surgery clean and uncluttered, not used for anything else during surgery ( <i>Guide, p 144</i> )	X				
o records of peri-operative care ( <i>Guide, p 120</i> )	X				
o aseptic procedures ( <i>Guide, pp 118-119</i> )	X				
o autoclave monitoring procedures ( <i>Guide, pp 119, 145</i> )	X				
o storage of autoclaved materials ( <i>Guide, p 145</i> )	X				
o cold sterilization procedures are appropriate ( <i>Guide, p 119</i> )	X				
<b>• Imaging/Whole Body Irradiation:</b>					
o location of resource limits contamination risk ( <i>Guide, p 147</i> )	X				
o appropriate transportation methods are in place ( <i>Guide, p 147</i> )	X				
o gas anesthesia provision, scavenging and monitoring are appropriate ( <i>Guide, p 147</i> )	X				
o appropriate sensors and ventilation are provided for cryogen gases ( <i>Guide, p 147</i> ) [must]	X				
o imaging console is located away from radiation source ( <i>Guide, p 147</i> )	X				
<b>• Hazardous Agent Containment:</b>					
o facility adheres to APHIS, USDA and CDC Select Agent Regulations and other federal, state and local regulations including security measures ( <i>Guide, p 148</i> ) [must]	X				
<b>• Behavioral Studies:</b>					
o facility minimizes airborne transmission of noise and ground-borne transmission of vibration ( <i>Guide, p 149</i> )	X				
o floor coverings reduce sound transmission ( <i>Guide, p 149</i> )	X				
o testing equipment allows for surface disinfection ( <i>Guide, p 150</i> )	X				
o components that cannot be cleaned are not in ready contact with animals and kept covered when not in use ( <i>Guide, p 150</i> )	X				
o housing areas are contiguous with testing areas when appropriate ( <i>Guide, p 150</i> )	X				

- \* **A** = acceptable  
**M** = minor deficiency  
**S** = significant deficiency (is or may be a threat to animal health or safety)  
**C** = change in program (PHS Policy [IV.A.1.a.-i.](#)) (include in semiannual report to IO and in annual report to OLAW)  
**NA** = not applicable

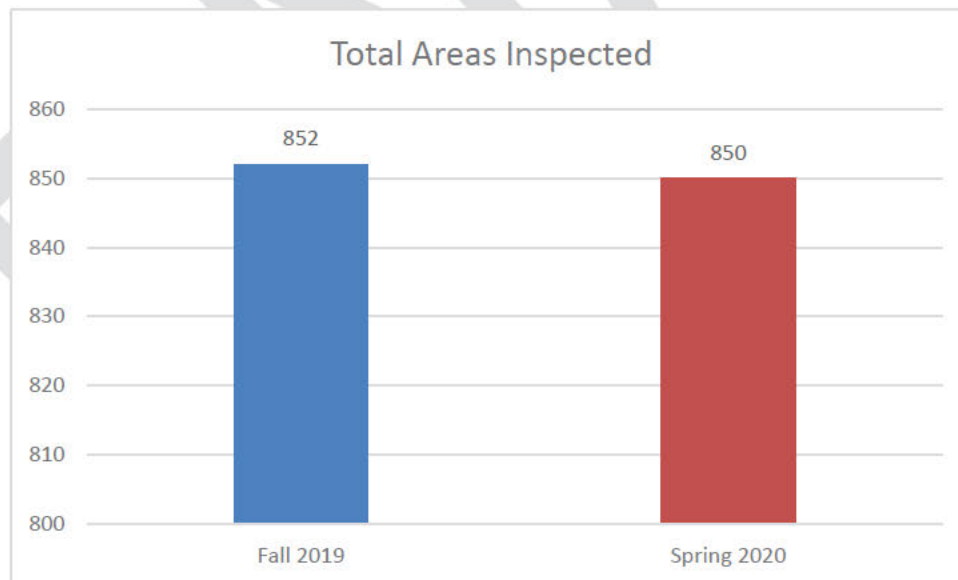


## Enclosure 10 Facility Inspection Summary

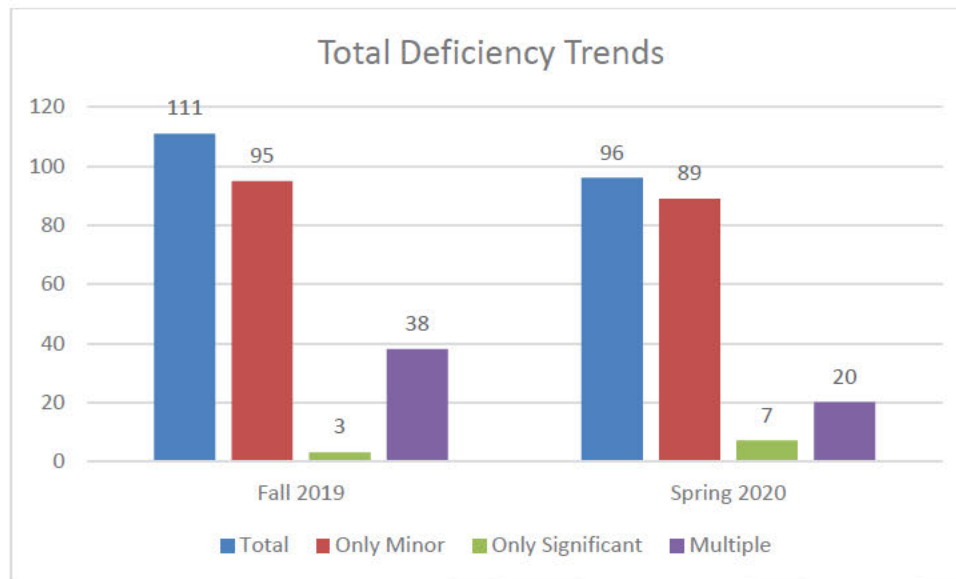
In response to the pandemic a waiver was obtained from OLAW to postpone the semiannual IACUC facility inspections. The semi-annual IACUC facility inspections were conducted between June 1, 2020 and July 17, 2020 for various animal facilities and laboratories utilized for animal research, teaching or testing purposes. We approached the inspections slightly different this cycle, focusing on ACS areas first, followed by agriculture areas, and lastly on laboratory use spaces. As of this reporting period, a few low-risk remote non-OLAW areas are inspected annually due to distance and varying levels of inactivity. A majority of these sites do not have major surgery involved, and are aquatic or agricultural in nature. One goal of the semi-annual inspections is to identify areas of concern, provide corrective action and to be educational. Concurrently, inspections ensure that corrections and improvements in the program are being implemented. The inspection process serves to remind investigators of their responsibilities when conducting animal research. The semiannual inspections give an accurate 'snapshot' of animal research facilities.

Usually an area inspected is a room. However, the diverse nature of the Program at UF includes outside areas with aquatic tanks, paddocks, vehicles, etc. For the purpose of being consistent, places inspected are usually referred to as areas. This is an overall summation:

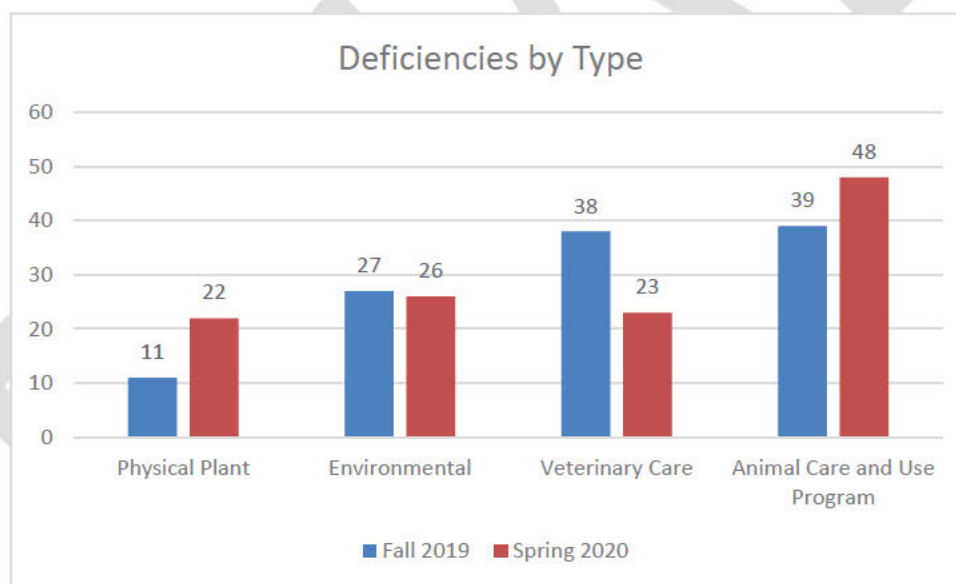
- Total Rooms/Areas Inspected: 850
- Areas with No Deficiencies: 754
- Total Individual Areas with Deficiencies: 96
  - Areas with Only Minor Deficiencies: 89
  - Areas with Only Significant Deficiencies: 7
  - Areas with Multiple Deficiencies: 20



## Enclosure 10 Facility Inspection Summary



*Multiple can be multiple minor, multiple significant, or a combination*



*Some areas had deficiencies which fell into multiple categories*

### Break down of deficiencies by type:

Physical Plant addresses location, construction, room/cage, physical plant and cleanliness in both housing and procedure areas. This type of deficiency deals with issues which required work orders to be placed with Physical Plant.

Common deficiencies found this cycle under this category include rust in room, and chipped wall/floor/ceiling paint.



## Enclosure 10 Facility Inspection Summary

Environment, Housing and Management addresses primary enclosure, breeding, food and water, sanitation, storage, safety, recordkeeping and other items of concern.

Common deficiencies found this cycle under this category include cardboard/other porous items in animal use spaces, unsealed wood, and general cleanliness of animal areas.

Veterinary Care ensures the veterinary care and management standards set by the IACUC and the Attending Veterinarian are met. This addresses all aspects of good research and management practices including controlled drugs and inventory control. This sub-category contains additional divisions of Rodent Survival Surgery, Behavioral Studies, Imaging and Irradiation, and Hazardous Agents.

Common deficiencies found this cycle for this category include expired analgesics/anesthetics and other drugs/materials.

Animal Care and Use Program is concerned with protocols, policy and regulation deviations, and non-compliant practices.

Common deficiencies found this cycle for the category include lack of/expired sanitization records, expired drugs/materials, and EHS concerns (unmounted cylinders, expired BSC/flow hood certification).

### Updates:

In February 2020 the IACUC office was approved for an additional position to help coordinate facility inspections with a focus on improving the facility database and performing an assessment of the current inspection process. In the Fall 2019 report we indicated a need for improved committee training, with inspection training being identified specifically. Facility inspection trainings were increased this cycle. Members were encouraged to take the AALAS facility training module and a training inspection series was started during IACUC meetings. The previously approved position will assist with this training. In response to the pandemic this position has been put on hold. This position is urgently needed to improve the facility inspection process and increase member training in this area.



## **Enclosure 11**

### **Non-ACS Facilities**

As discussed in the last semiannual report, the IACUC office designated a single staff member to focus on non-ACS housing facilities. The previously appointed IACUC subcommittee worked with the staff member to evaluate these facilities. The current focus of this semi-annual period was on non-ACS facilities with AAALAC accreditation, although communication was maintained with all non-ACS sites throughout the state. Evaluation activities included in-person facility visits, correspondence to investigators with itemized concerns and regulatory guidance for each concern, subcommittee meetings to discuss facility renovation proposals, review of facility program descriptions and SOPs, and progress check-ins during semi-annual facility inspections.

The subcommittee and IACUC staff performed both announced and unannounced visits to facilities in order to evaluate progress, records and documentation, and any animal welfare concerns. When research was paused due to the pandemic, the office contacted all investigators using non-ACS facilities to confirm their continuity of operations plans. Once research resumed, the office contacted investigators to emphasize working with their college to determine resumption plans. The subcommittee and staff also used this period of time to meet with those laboratories planning to re-start research, in order to review the non-ACS housing policy. This included in-person visits to the facility to specifically discuss steps involved when bringing in new animals to the facility, record-keeping procedures, and any remaining facility concerns.

The non-ACS facility with the most concerns has been identified as Building 0118, which houses fish species. The subcommittee and IACUC staff met with investigators, department, and college leadership to discuss continued use of the facility. It was noted that support and resources for this facility are scarce. Many temporary improvements have been made, while permanent renovation solutions have not yet been identified. Physical plant deficiencies, including HVAC, are of high concern. The IACUC approved continue facility use, with strong recommendations for identification of alternative facilities and permanent relocation of animals before the end of the most recently approved protocols, which expire April 2021.

During the recent semi-annual facility inspection 21 AAALAC Non-ACS rooms were inspected. Of these 14 had minor deficiencies, 9 of those having multiple minor deficiencies (67%). Deficiencies fell into the following categories: 46% physical plant, 31% environmental, housing and management, 23% animal care and use program, and 0% vet care.

During the course of the semi-annual period, one investigator in an AAALAC accredited non-ACS facility had a non-compliance incident resulting in a long-term plan to transition the animals into an ACS housing space. Two investigators in AAALAC-accredited non-ACS facilities and two investigators in non-accredited facilities made the decision to de-activate their spaces.

The subcommittee and IACUC staff discussed ideas for improving review of IACUC protocols using non-ACS areas. One idea was the creation of a Non-ACS Housing Facility Manual, to specify all procedures involved in caring for animals housed in the facility. The goal of the Manual was to help streamline facility documentation and assist during IACUC protocol review. The subcommittee will be meeting to discuss plans for implementation of the Manual.



## **Enclosure 11**

### **Non-ACS Facilities**

The IACUC chair appointed a new committee member to the subcommittee, and will be appointing at least one additional member in order to provide well-rounded scientific and species expertise representation. Additional future goals include continued facility assessments, updating policies that affect non-ACS facilities, and closer evaluation of on-campus spaces in non-accredited areas.

FINAL

# Enclosure 12 -UF IACUC Inspection Report

## Bivens Arm Research Center ACEF 1371

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
9741	SPF Wing	ACS, [REDACTED]	[REDACTED]	Cats	113: storage, 114: supply pass through, 115-117: housing, 118: ante-room/outside entrance to 117. Injections, minor surgical procedures, drug storage, animal records.	06/08/20		No Minor Issues		No Significant Issues			07/21/20
9742	Conventional Wing	ACS, [REDACTED]	[REDACTED]	Cats	104: storage, 105: supply pass through, 109-111: housing. Injections, minor surgical procedures, drug storage, animal records.	06/08/20		No Minor Issues		No Significant Issues			07/21/20

## Animal Sciences ANSC 0499

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
7842	VEH AnSciv ehPrA	[REDACTED]	[REDACTED]	Mouse	Transport: Honda Accord 693NQC	06/18/20		No Minor Issues		No Significant Issues			07/07/20
7848	VEH AnSciv ehPrD	[REDACTED]	[REDACTED]	Mouse	Vehicle tag# HTM62W - animal transport	06/18/20		No Minor Issues		No Significant Issues			07/07/20
9620	[REDACTED]	[REDACTED]	[REDACTED] (copy)	Mouse	Euthanasia (CO2), Tissue Harvesting	06/18/20		No Minor Issues		No Significant Issues			07/07/20

Uploaded to Animal Research Laboratory Overview (ARLO) on 03/18/2021  
Obtained by Rise for Animals



# Academic Research Building ARB 0201

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
16	██-██	███ ███	███ █ ███	Mouse	Anesthesia, Euthanasia, Injections, Perfusion, Tissue Harvesting; behavioral testing, exhaust hood. Drugs and logs	06/29/20		No Minor Issues		No Significant Issues			07/07/20
21	██-██ █	██ █		Mouse	Survival Surgery, Non-survival Surgery; Tissue Harvesting	07/01/20		No Minor Issues		No Significant Issues			07/21/20
22	██-██	███ █	███ ███	Mouse, Rat	Anesthesia, Perfusions, Injections, Tissue Harvesting, Oral gavage in hood	07/01/20		No Minor Issues		No Significant Issues			07/21/20
24	██-██	Multi-user: ███ ███ , ███ ███ ███ ███	███ █	Mouse, Rat	Anesthesia, Euthanasia, Survival Surgery, Non-survival Surgery, Injections, Tissue Harvesting, Perfusion,	07/01/20		No Minor Issues		No Significant Issues			07/21/20
26	██-██	Multi-user: ███ , ███ ███		Mouse, Rat	Euthanasia (CO2), Injections, Tissue Harvesting, drugs	07/01/20		No Minor Issues		No Significant Issues			07/21/20

60	Multi-user,	No Live Animals	Central Dispensary: DEA license, master controlled drug logs for Ketamine and spreadsheet on supplies. These are dispensed to investigators by vial. Investigators are inspected for individual vial use and log compliance.	07/01/20	No Minor Issues	No Significant Issues	07/21/20
95		Mouse	Anesthesia, Survival Surgery, Euthanasia, Bleeding, BSL2	06/29/20	No Minor Issues	No Significant Issues	07/21/20
102		Mouse	Euthanasia - 2(CO2), Tissue Harvesting, oral gavage	06/29/20	No Minor Issues	No Significant Issues	07/07/20
110		Mouse	Euthanasia (CO2), Tissue Harvesting	06/29/20	No Minor Issues	No Significant Issues	07/07/20
135		Mouse	Euthanasia	06/29/20	No Minor Issues	No Significant Issues	07/07/20
150		No Live Animal	Drugs & Logs	06/29/20	No Minor Issues	No Significant Issues	07/07/20
160		Mouse	Anesthesia, Euthanasia, Tissue Harvesting	06/29/20	No Minor Issues	No Significant Issues	07/07/20



175	■■■■■	■■■■■	■	Mouse	Anesthesia, Euthanasia, Tissue Harvesting; Perfusion with Toxic Substances	06/29/20	No Minor Issues	No Significant Issues	07/07/20
185	■■■■■	■■■■■	■	No Animal	Drug and Logs	06/29/20	No Minor Issues	No Significant Issues	07/07/20
188	■-■■■	■■■■■	■	Rat, Mouse	Agent Administration (e.g. injections, gavage), Non-Survival Surgery, Euthanasia, Drug/Animal Supplies Storage, Bleeding, Anesthesia, Tissue Harvesting, Survival Surgery, Ultrasound	07/01/20	No Minor Issues	No Significant Issues	07/21/20
191	■-■■■	■■■■■	■	Mouse	water bath ultrasound therapy delivery system, injections, anesthesia	07/01/20	No Minor Issues	No Significant Issues	07/21/20
209	■-■■■	■■■■■	■	Mouse	Euthanasia, injections, tissue harvesting, perfusion	06/29/20	No Minor Issues	No Significant Issues	07/07/20
219	■-■■■	■■■■■	■	Mouse	Anesthesia, Euthanasia-2, Non-Survival Surgery, Survival Surgery, Tissue Harvesting, Perfusion, Injection	06/29/20	No Minor Issues	No Significant Issues	07/21/20

228	■■■■■	■■■■■	Mouse, Rat	Anesthesia, Euthanasia, Survival Surgery, Injections, Tissue Harvesting; drugs & logs	06/29/20	No Minor Issues	No Significant Issues	07/07/20
251	■■■■■	■■■■■	Mouse	Anesthesia - Isoflurane, Euthanasia and Tissue Harvesting; Drugs and Supplies	06/29/20	No Minor Issues	No Significant Issues	07/07/20
252	■■■■■	■■■■■	Axolotl	Housing Plus: Anesthesia;	06/29/20	Scott	Sanitization monitoring records were not available. Please provide records and make sure they are consistent with the SOP.	08/04/20 07/21/20
260	■■■■■	Multi-user: ■■■■■	Mouse, Axolotl	Anesthesia, Euthanasia, Survival Surgery, tissue harvesting, injections, laser surgery, perfusion (hood).	06/29/20	No Minor Issues	No Significant Issues	07/07/20
280	■■■■■	■■■■■	Axolotl, Mouse	Imaging	06/29/20	No Minor Issues	No Significant Issues	07/07/20
316	■■■■■	■■■■■	No Live	Drugs & Log	07/01/20	No Minor Issues	No Significant Issues	07/21/20
319	■■■■■	■■■■■	No Live	Drugs & Log	07/08/20	No Minor Issues	No Significant Issues	07/21/20
320	■■■■■	Erica	Mouse, Rat	Survival Surgery, Euthanasia CO2, tissue harvesting, saline perfusion and perfusion- y Check in Spring Inspection	07/01/20	No Minor Issues	No Significant Issues	07/21/20

330 [REDACTED]

Mouse Holding, Euthanasia, Tissue Harvesting, Injection, Survival Surgery, perfusion w/ toxic substances

07/01/20 Urs

1) Expired saline, heparin, and mineral oil found. Please dispose of or separate and label as expired/not for animal use. No drugs, fluids, medical supplies or devices may be used beyond their expiration date on or in live animals; they must be marked expired separated from other materials and/or discarded (one exception: for acute terminal procedures, not including expired drugs or fluids) per UF IACUC Policy and the USDA Animal Care Policy Manual.  
<https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf>

2) Please remove fecal material, clean, and sanitize the induction chamber.

3) Sanitization checks were not available. Please perform, or if already performed, please provide results. Efficacy of sanitization in animal housing spaces, procedure rooms, and equipment that is maintained by investigators will be monitored and documented every 6 months; per the UF IACUC and ACS guidelines based on recommendations from The Guide and the Animal Welfare Act.  
<https://my.acs.ufl.edu/guidelines/VerificationofSanitizationofInvestigator.pdf>

Provide plan for each item within two weeks receipt of this report.

No Significant Issues

07/29/20 07/21/20

350 [REDACTED]

Mouse Euthanasia, tissue harvesting

07/01/20

No Minor Issues

No Significant Issues

08/04/20

360 [REDACTED]

Mouse Euthanasia, Tissue Harvesting

07/01/20

No Minor Issues

No Significant Issues

07/21/20



370	■■■■■	Mouse	Euthanasia - Tissue Harvesting	07/01/20	No Minor Issues	No Significant Issues	07/21/20
380	■■■■■	Rat, mouse	Behavioral Testing	07/01/20	No Minor Issues	No Significant Issues	07/21/20
384	■■■■■	Mouse, Rat	Perfusion with Toxic Substances, injections, gavage Behavioral Testing, Euthanasia, Anesthesia, Tissue Harvesting, Survival Surgery; Drugs & Log	07/01/20	No Minor Issues	■■■■■ Animals are currently being housed overnight in the lab space during the post-operative period. Animals should be returned to ACS housing rooms in an appropriate time frame (as described by UF Policies) and in discussion with ACS. The need to house animals in lab space should be scientifically justified in the protocol and approved by the IACUC.	08/04/20 07/21/20
385	■■■■■	Mouse, Rat	Behavior Study	07/01/20	No Minor Issues	No Significant Issues	07/21/20
386	■■■■■	Mouse, Rat	Behavior Study	07/01/20	No Minor Issues	No Significant Issues	07/21/20
387	■■■■■	Mouse, Rat	Behavior Study	07/01/20	No Minor Issues	No Significant Issues	07/21/20
420	■■■■■	Mouse, Rat	Behavioral Testing	07/01/20	No Minor Issues	No Significant Issues	07/21/20
449	■■■■■	Mouse, Rat	Injections, Euthanasia, Tissue Harvesting	07/01/20	No Minor Issues	No Significant Issues	07/21/20

450		No Live Animals	Drugs & Log	07/01/20	No Minor Issues		Expired xylazine. Per The Guide, agents that provide anesthesia and analgesia must be used before their expiration dates and should be acquired, stored, their use recorded, and disposed of legally and safely. No drugs may be used beyond their expiration date on or in live animals; they must be marked expired, separated from other materials, and/or discarded per UF IACUC Policy and the USDA Animal Care Policy Manual. <a href="https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf">https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf</a>	07/20/20	08/04/20
							Please provide plan within two weeks receipt of this report.		
460		Frog	Anesthesia, Injections, Nonsurvival surgery, Euthanasia -2, Tissue Harvesting, survival surgery, harvesting eggs	07/01/20	No Minor Issues		Expired tricaine 2019. Per The Guide, agents that provide anesthesia and analgesia must be used before their expiration dates and should be acquired, stored, their use recorded, and disposed of legally and safely. No drugs may be used beyond their expiration date on or in live animals; they must be marked expired, separated from other materials and/or discarded per UF IACUC Policy and the USDA Animal Care Policy Manual. <a href="https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf">https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf</a>	07/17/20	08/04/20
							Please provide plan within two weeks receipt of this report.		
471		Mouse, Rat	Tissue Harvesting, Drugs & Log	07/01/20	No Minor Issues		No Significant Issues		07/21/20

485		Mouse, Rat	Plethysmography, Anesthesia, Euthanasia, Non-survival surgery, Survival surgery, Tissue Harvesting, Perfusion (2 hoods), Behavioral	07/01/20	No Minor Issues	No Significant Issues	07/21/20
489		No Live	Drugs & Log	06/29/20	No Minor Issues	No Significant Issues	07/07/20
490		Mice	Anesthesia; Euthanasia; Tissue Harvesting; Bleeding	06/29/20	No Minor Issues	No Significant Issues	07/07/20
499		Mouse	Euthanasia; Isoflurane	06/29/20	No Minor Issues	No Significant Issues	07/07/20
509		Mouse, Rat	Anesthesia, Perfusion (hood approved, actual perfusion done over sink with drip pan. EH&S approved)	06/29/20	No Minor Issues	No Significant Issues	07/07/20
510		Mouse, Rat	Anesthesia, Euthanasia, Injections, survival surgery, tissue harvesting, drug Storage; ECG, Echocardiogram, barometric plethysmography, pulse oximetry (Drug log in [REDACTED])	06/29/20	No Minor Issues	No Significant Issues	07/07/20



540		Mouse	Behavioral; Perfusion, Anesthesia, Euthanasia; Survival surgery, ECG	06/29/20	No Minor Issues	Chandr an	Expired buprenorphine was found, it was properly labeled on site and was not being used. Please appropriately dispose of expired materials (plan for reverse distribution for controlled substances) and create a drug inventory system to routinely monitor all substances used.	06/29/20	07/21/20
598		Mouse	Perfusion, Euthanasia: hazardous agents	07/08/20	No Minor Issues		No Significant Issues		07/21/20
601		Mouse, Rat	Anesthesia; Euthanasia; Tissue Harvesting	06/29/20	No Minor Issues		No Significant Issues		07/07/20
620		Mouse	Euthanasia (razor), Tissue Harvesting	06/29/20	No Minor Issues		No Significant Issues		07/07/20
630		Mouse	Euthanasia (razor), Tissue Harvesting	06/29/20	No Minor Issues		No Significant Issues		07/07/20
641		No Live	Drugs & Logs	06/29/20	No Minor Issues		No Significant Issues		07/07/20

651



Mouse Anesthesia, Echocardiography

07/01/20 Rivkees

1) Expired ethanol. Please dispose of or mark as expired/not for animal use. No drugs, fluids, medical supplies or devices may be used beyond their expiration date on or in live animals; they must be marked expired separated from other materials and/or discarded (one exception: for acute terminal procedures, not including expired drugs or fluids) per UF IACUC Policy and the USDA Animal Care Policy Manual.  
<https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf>

2) Sanitization checks (hychecks) are overdue. Efficacy of sanitization in animal housing spaces, procedure rooms, and equipment that is maintained by investigators will be monitored and documented every 6 months; per the UF IACUC and ACS guidelines based on recommendations from The Guide and the Animal Welfare Act.  
<https://my.acs.ufl.edu/guidelines/VerificationofSanitizationofInvestigator.pdf>

Please provide plan for each item within two weeks receipt of this report.

No Significant Issues

07/29/20 07/21/20

11432



Mouse Euthansia, Tissue Harvesting, Perfusion with KH buffer, Non-survival surgery; Drugs & Logs; Survival Surgery

07/01/20

The plastic covering on the fabric chairs is torn. Please provide plan to re-wrap or replace within two weeks receipt of this report.

All components of the animal facility should be regularly cleaned and disinfected. Porous items such as cloth chairs should be removed (or covered with sanitizable material) as they cannot be appropriately disinfected.

No Significant Issues

07/29/20 07/21/20

## Academic Research Building ARB 0211

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
182				Mouse	Anesthesia, Euthanasia, Non-Survival Surgery, Survival Surgery, Perfusion w/ Hazardous Agent	07/01/20		No Minor Issues		No Significant Issues			07/21/20

## Aquatic Pathobiology AUPAT 1379

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
9639				No Live Animals	Water treatment facilities for fish tanks	06/22/20		No Minor Issues		No Significant Issues			08/04/20
9640				Fish; Frog	Housing: breeding; Agent Admin.	06/22/20		No Minor Issues		No Significant Issues			08/04/20
9650				Fish	behavioral testing	06/22/20		No Minor Issues		No Significant Issues			08/04/20

Updated to Animal Research Laboratory Overview (ARLO) on 03/18/2021  
Obtained by Rise for Animals



9660



Fish

Quarantine and  
housing

06/22/20

No Minor Issues

No Significant Issues

08/04/20

The following notes describe issues for all animal rooms in the facility. Many improvements have been made, and there are previously noted concerns that are still in-progress. As we discussed, please document the pest control performed by EH&S, remove rust or replace floor drains as necessary, document room temperature and humidity when animals are present, and continue to order animals through ACS and use the SickList when animals are present. Please develop plans for maintaining recent repairs (tanks and water damage, walls, floors, rust, corrosion). When renovations have been completed, please clean all air intake diffusers (create plan for maintaining cleanliness) and ventilation re-testing (HVAC test and balance assessment) should be performed. Room air changes should be within the recommended limits per The Guide. Continue to refer to the Housing Animals Outside of ACS Policy for guidance on facility management.

Ceiling lights in all animal facility rooms should be covered/sealed so the entire ceiling may be regularly cleaned and disinfected.

Please perform sanitization checks. Efficacy of sanitization in animal housing spaces, procedure rooms, and equipment that is maintained by investigators should be monitored and documented every 6 months, per the UF Policies.  
<https://my.acs.ufl.edu/guidelines/VerificationofSanitizationofInvestigator.pdf>

Please reply with in-progress updates for each item within two weeks receipt of this report.

9680		Fish	Housing	06/22/20	No Minor Issues	No Significant Issues	08/04/20
9690		Fish	Necropsy: euthanasia	06/22/20	No Minor Issues	No Significant Issues	08/04/20

## Biomedical Sciences BMS 0213

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
2110		ACS		Multipl	USDA: Vestibule	06/03/20		No Minor Issues		No Significant Issues			06/16/20
2120		ACS		Multipl	USDA: Housing	06/03/20		No Minor Issues		No Significant Issues			06/16/20
2130		Multi-user: ACS;		Multipl	USDA: Surgery suite, injections, phelbotomy	06/03/20		No Minor Issues		No Significant Issues			06/16/20
2140		ACS		Multipl	USDA: ABSL-2 Housing	06/03/20		No Minor Issues		No Significant Issues			06/16/20
2150		ACS		Multipl	USDA: Vestibule	06/03/20		No Minor Issues		No Significant Issues			06/16/20
2160		ACS		Multipl	USDA: Housing	06/03/20		No Minor Issues		No Significant Issues			06/16/20
2170		Multi-user: ACS;		Multipl	Surgery and other procedures	06/03/20		No Minor Issues		No Significant Issues			06/16/20
2180		ACS		Multipl	Housing	06/03/20		No Minor Issues		No Significant Issues			06/16/20
2190		ACS		No Live Animal	Reverse Osmosis H2O Room MR	06/03/20		No Minor Issues		No Significant Issues			06/16/20
2200		ACS		Multipl	USDA: Vestibule; PPE and prep area	06/03/20		No Minor Issues		No Significant Issues			06/16/20
2210		ACS		USDA: Multipl	USDA: Procedure	06/03/20		No Minor Issues		No Significant Issues			06/16/20
2220		ACS		Multipl	USDA: Housing	06/03/20		No Minor Issues		No Significant Issues			06/16/20
2230		ACS		No Live	CW - dirty	06/03/20		No Minor Issues		No Significant Issues			06/16/20

Updated to Animal Research Laboratory Overview (ARLO) on 03/18/2021



2260	ACS	No Live	Storage: Clean Cage SR	06/03/20	No Minor Issues	No Significant Issues	06/16/20
2270	ACS	No Live	CW: clean side, Storage:	06/03/20	No Minor Issues	No Significant Issues	06/16/20
2280	ACS	No Live Animal	Decontaminate Autoclave MR-Ante room	06/03/20	No Minor Issues	No Significant Issues	06/16/20
2290	ACS		Decontaminate Autoclave	06/03/20	No Minor Issues	No Significant Issues	06/16/20
2330	ACS	No Live Animals	Storage: Post autoclave CW: clean side, sterile - Rodents	06/01/20	No Minor Issues	No Significant Issues	06/16/20
2340	ACS	Mouse, Rat	Animals Receiving: Clean Side	06/01/20	No Minor Issues	No Significant Issues	06/16/20
2350	ACS	Mouse, Rat	Animal Receiving-loading dock side.	06/01/20	No Minor Issues	No Significant Issues	06/16/20
2360	ACS	Mouse, Rat,	LD2: animals transit	06/01/20	No Minor Issues	No Significant Issues	06/16/20
2370	ACS	Animal	Storage:	06/01/20	No Minor Issues	No Significant Issues	06/16/20
2380	ACS	No Live Animal s	Storage: bedding (bulk and bagged); vacuum for bedding loader.	06/01/20	No Minor Issues	No Significant Issues	06/16/20
2390	Multi-user: ACS;	Mouse, Rat	Housing Plus:	06/01/20	No Minor Issues	No Significant Issues	06/16/20
2400	J107 Multi-user: ACS;	Mouse, Rat	Housing Plus:	06/01/20	No Minor Issues	No Significant Issues	06/16/20

2410	[REDACTED]	Multi-user: ACS; [REDACTED]	Mouse, Rat	Housing Plus:	06/01/20	No Minor Issues	No Significant Issues	06/16/20
2420	[REDACTED]	ACS [REDACTED]	No Live Custodian		06/01/20	No Minor Issues	No Significant Issues	06/16/20
2430	[REDACTED]	Multi-user: ACS, [REDACTED] [REDACTED] for inspections; [REDACTED]	Mouse, Rat	ERG espion and ERG LKC, anesthesia	06/01/20 ACS	The epoxy on floors is worn with concrete exposure. This causes concern for sanitation, because the floors are no longer impervious. Please discuss with the appropriate facility staff and respond with a potential plan within 14 days of receipt of this report.	No Significant Issues	07/29/20 06/16/20
2440	[REDACTED]	Multi-user: ACS, [REDACTED] [REDACTED] for inspections; [REDACTED]	Mouse, Rat	Digital fundus camera (funduscopy), CNV Laser; OCT (ocular CT); Anesthesia, Euthanasia (CO2), minor procedures e.g. tail snips, injections. Exhaust hood.	06/01/20	No Minor Issues	No Significant Issues	06/16/20





2470	Multi-user: ACS; [REDACTED]	[REDACTED] Mouse, Rat	Procedure PR: Anesthesia, Euthanasia, Non-survival surgery, minor survival surgery, injections, phelbotomy.	06/01/20	No Minor Issues	[REDACTED] Expired (1/13/20) bottle of meloxicam found. Please dispose of immediately. Regulatory guidance for this deficiency: No drugs, fluids, medical supplies or devices may be used beyond their expiration date on or in live animals per UF IACUC Policy.	07/22/20	06/16/20
2480	ACS [REDACTED]	No Live	Custodian/Storage	06/01/20	No Minor Issues	No Significant Issues		06/16/20
2490	Multi-user: ACS;	Mouse, Rat	Housing Plus:	06/01/20	No Minor Issues	No Significant Issues		06/17/20
2500	Multi-user: ACS;	Mouse, Rat	Housing Plus:	06/01/20	No Minor Issues	No Significant Issues		06/16/20
2510	Multi-user: ACS;	Mouse, Rat	Housing Plus:	06/01/20	No Minor Issues	No Significant Issues		06/16/20
2520	ACS [REDACTED]	Mouse	Housing	06/01/20	No Minor Issues	No Significant Issues		06/16/20
2530	Multi-user: ACS;	Mouse, Rat	Necropsy: Non-survival surgery, Perfusion, Anesthesia, Euthanasia, Injections, Phelbotomy. Exhaust hood.	06/01/20	No Minor Issues	No Significant Issues		06/16/20
2540	Multi-user: ACS	Mouse, Rat	Anesthesia, Imaging room ERG and Behavioral testing ; OCT device	06/01/20	No Minor Issues	No Significant Issues		06/16/20
2550	ACS [REDACTED]	Mouse,	PPE storage	06/01/20	No Minor Issues	No Significant Issues		06/16/20

2560	Multi-user: ACS -	Mouse, Rat	Anesthesia, Euthanasia, Injections, Survival Surgery, Non survival surgery, femoral artery cath	06/01/20	No Minor Issues	No Significant Issues	06/16/20
2570	Multi-user: ACS;	Mouse, Rat	Housing Plus:	06/01/20	No Minor Issues	No Significant Issues	06/16/20
2580	Multi-user: ACS;	Mouse, Rat	Housing Plus:	06/01/20	No Minor Issues	No Significant Issues	06/16/20
2590	Multi-user: ACS;	Mouse, Rat	Housing Plus:	06/01/20	No Minor Issues	No Significant Issues	06/16/20
2600	ACS	No Live	Custodian	06/01/20	No Minor Issues	No Significant Issues	06/16/20
2610	Multi-user: ACS;	Mouse, Rat	Procedure PR: Anesthesia, Euthanasia, Non-survival surgery, minor survival surgery, injections, phelbotomy. Exhaust hood. (Trevino locked box)	06/01/20	No Minor Issues	No Significant Issues	06/16/20

2630	Multi-user: ACS (assigned per reservation with Vet staff)	Mouse, Rat	Surgery SXR: Behavioral Testing, Anesthesia, Euthanasia (not CO2) Allowed to do: Non-survival surgery, minor survival surgery, injections, phelbotomy. Exhaust hood.	06/01/20	No Minor Issues	No Significant Issues	06/16/20
2640	Multi-user: ACS; [REDACTED]	Mouse, Rat	Procedure PR: Anesthesia, Euthanasia, Non-survival surgery, minor survival surgery, injections, phelbotomy, behavioral testing.	06/01/20	No Minor Issues	No Significant Issues	06/16/20
2650	ACS	No Live	Custodian	06/01/20	No Minor Issues	No Significant Issues	06/16/20
2660	Multi-user: ACS; [REDACTED]	Mouse, Rat	Housing Plus:	06/01/20	No Minor Issues	No Significant Issues	06/16/20
2670	Multi-user: ACS; [REDACTED]		Housing Plus: some ABSL2	06/01/20	No Minor Issues	No Significant Issues	06/16/20
2680	Multi-user: ACS; [REDACTED]	Mouse, Rat	Housing Plus:	06/01/20	No Minor Issues	No Significant Issues	06/16/20
2690	ACS [REDACTED]	No Live	Custodian	06/01/20	No Minor Issues	No Significant Issues	06/16/20
2700	Multi-user: ACS, EH&S [REDACTED]	Mouse, Rat	Anesthesia: X-ray irradiator;	06/01/20	No Minor Issues	No Significant Issues	06/16/20
2710	ACS [REDACTED]	Mouse, Rat	LD: animals transit	06/01/20	No Minor Issues	No Significant Issues	06/16/20



2780		Rats, Mice	Euthanasia- rat pups on ice in hood, decapitated with scissors	06/24/20	No Minor Issues	No Significant Issues	07/07/20
2785		No Live Animal	Drugs	06/24/20	No Minor Issues	No Significant Issues	07/07/20
2810		Mice, Rats	Holding Area Before Surgery; CO2 Euthanasia	07/13/20	No Minor Issues	No Significant Issues	07/21/20
2812		Mice, Rats	Tissue harvesting	07/13/20	No Minor Issues	No Significant Issues	07/21/20
2813		Mice, Rats	Anesthesia, Microscopy	07/13/20	No Minor Issues	No Significant Issues	07/21/20
2815		Mice, Rats	Tissue harvesting, Euthanasia, Anesthesia; Drugs & logs	07/13/20	No Minor Issues	No Significant Issues	07/21/20
2835		No Live Animal	Drugs and Log	06/24/20	No Minor Issues	No Significant Issues	07/07/20
2840		Mouse, Rat	Euthanasia; Tissue Harvesting; Anesthesia; Non survival surgery; Drugs in room J301	06/24/20	No Minor Issues	No Significant Issues	07/07/20
2841		Mouse	Staging room for Perfusion with Toxic Substances, Agent Administration (e.g. injections, gavage), Euthanasia, Other, Bleeding, Anesthesia, Tissue Harvesting	06/24/20	No Minor Issues	No Significant Issues	07/07/20

2842		Mouse	Anesthesia, Euthanasia, Bleeding, Tissue Harvesting, Injections, Perfusion,	06/24/20	No Minor Issues	No Significant Issues	07/07/20
2843		mice, rats	Imaging, anesthesia, Agent administration, IVIS, micro-CT, and Magnetic Particle Imaging (MPI)	06/24/20	No Minor Issues	No Significant Issues	07/07/20
2845		Mouse	Anesthesia, Survival Surgery, Non-survival Surgery, Euthanasia, Tissue Harvesting,	06/24/20	No Minor Issues	No Significant Issues	07/07/20
2846		Mouse, Rat	Nanoparticle stimulation equipment, custom coil for animal, Non-survival surgery, euthanasia, bleeding, tissue harvesting.	06/24/20	Rinaldi Hycheck Slide for induction chamber and heater pad has been expired. Please update the hycheck - 2 weeks from the receipt of this report.	No Significant Issues	07/08/20 07/07/20
2880		Mouse, Rat	Perfusion/Fixture; in hood, euthanasia	06/24/20	No Minor Issues	No Significant Issues	07/07/20
2882		No Live	Drugs and Logs	06/24/20	No Minor Issues	No Significant Issues	07/07/20
2884		Rodents	Perfusion with and without Toxic Substances; Non-Survival Surgery; Euthanasia; Anesthesia; Tissue Harvesting	07/13/20	No Minor Issues	No Significant Issues	07/21/20

2885			Rodents	Perfusion with and without Toxic Substances; Non-Survival Surgery; Euthanasia; Anesthesia; Tissue Harvesting; Agent Administration (E.g. Injections, gavage)	07/13/20	No Minor Issues	No Significant Issues	07/21/20
2915			Mouse, Rat	Euthanasia, Tissue Harvesting, Non-Survival Surgery, Bleeding	06/24/20	No Minor Issues	No Significant Issues	07/07/20
7790	ACS		Multiple species - USDA	transportation #236- tag 28132 (16 foot Ford 850)	06/03/20	No Minor Issues	No Significant Issues	06/16/20
7810	ACS		Multiple species - USDA	transportation #4422 - white E250 Ford van; tag YD236	06/03/20	No Minor Issues	No Significant Issues	06/16/20
7820	ACS		Multiple species - USDA	Transportation #4292: 24 foot freightliner; tag YC254	06/03/20	No Minor Issues	No Significant Issues	06/16/20



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2980		Rat	HOOD ONLY: injections, tissue harvesting, perfusions	07/13/20	No Minor Issues	No Significant Issues	07/21/20
3000		No Live Animal	Drugs and logs	07/13/20	No Minor Issues	No Significant Issues	07/21/20
3005		Rice Rats, Mice	Supply Storage, Isoflurane machine on cart	06/30/20	No Minor Issues	No Significant Issues	07/07/20
3015		Swine; Mouse	Anesthesia, Non Survival Surgery, Tissue Harvesting, Euthanasia, rodent survival surgery; Drugs and logs	06/30/20	No Minor Issues	No Significant Issues	07/07/20
3030		Rat, Guinea Pig	Anesthesia, Euthanasia, Non-Survival Surgery, Tissue Harvesting, drug Storage:, behavioral testing	07/13/20	No Minor Issues	No Significant Issues	07/21/20
3032		Mice, Rats	Survival Surgery, Non-Survival Surgery, Anesthesia, Euthanasia, Behavioral Testing	06/30/20	No Minor Issues	No Significant Issues	07/07/20
3038		Mice, Rats	Perfusion in the Hood	06/30/20	No Minor Issues	No Significant Issues	07/07/20
3050		Cat	Anesthesia, Injections, prep room, perfusions, drug Storage:, non-survival surgery	07/13/20	No Minor Issues	No Significant Issues	07/21/20

3060		Rat	Drug Storage, Persfusion in Hood	06/30/20	Haywar	No Minor Issues	No Significant Issues	07/07/20
3070		Cat, Pig	Anesthesia, Euthanasia, Non-Survival Surgery, Tissue Harvesting	07/13/20	Bolser	Expired artificial cerebrospinal fluid found. Disposed on site.	No Significant Issues	07/13/20 07/21/20
3080		Rat	Anesthesia, Euthanasia, Non-Survival Surgery, Survival Surgery, Tissue Harvesting, telemetry procedures, air jet stress, Drugs and logs in B3-021.	06/30/20		No Minor Issues	No Significant Issues	07/07/20
3095		rats	Euthanasia, anesthesia	06/30/20		No Minor Issues	No Significant Issues	07/07/20
3100		Mouse	Euthanasia - Hood; Tissue Harvesting	06/30/20		No Minor Issues	No Significant Issues	07/07/20
3110		Mouse	Anesthesia, Euthanasia, Non-survival surgery, Survival surgery, Injections, Tissue Harvesting, Phlebotomy, Blunt force trauma (CCI);	06/30/20		No Minor Issues	No Significant Issues	07/07/20



3129

mouse, rat

Euthanasia, tissue harvesting -

Agent Administration, Euthanasia, Tissue harvesting, ABSL2 cabinet -

06/30/20

No Minor Issues

No Significant Issues

07/07/20

## Analytical Toxicology Core CEHT 0471

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
9697				Fish	Minor phlebotomy, Euthanasia (immersion in MS222 and cervical dislocation/decapitation), Drug Storage Only	06/22/20		No Minor Issues		No Significant Issues			08/04/20

## VVM SAH: Small Animal Hospital CERC 0075

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
8972		Multi-user:		Dog	Emergency Room: Procedures including, phlebotomy, (CPR with or without ITD)	06/19/20		No Minor Issues		No Significant Issues			07/07/20
8973		Multi-user		Dog	Physical exams, Sample collection	06/19/20		No Minor Issues		No Significant Issues			07/07/20
8974				Cat, Dog, Swine	ECG, Phlebotomy(bleeding); Tissue Harvesting (Skin Punch Biopsy), Holding area, Physical exams	06/19/20		No Minor Issues		No Significant Issues			07/07/20

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8975	Multi-user: [REDACTED] [REDACTED]	Cat, Dog	Echocardiography, U/S, ECG, Phelbotomy(bleeding); Tissue Harvesting (Skin Punch Biopsy), Physical exam, Cystocentesis.	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8976	Multi-user: [REDACTED] [REDACTED] [REDACTED] [REDACTED]	[REDACTED] Cat, Dog	Intensive Care Unit: Procedures, including Imaging: behavior, Phelbotomy(bleeding).	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8978	Multi-user: [REDACTED] [REDACTED]	Cat, Dog	Housing Plus: Phelbotomy (bleeding), holding area	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8979	Multi-user: [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]	Dog, Cat	Injections and exams	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8980	Multi-user: [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]	Dog, Cat	Internal Medicine Clinic: Procedures including phlebotomy, anesthesia, euthanasia, injections, urine collection	06/19/20	No Minor Issues	No Significant Issues	07/07/20

8982	Multi-user: [REDACTED]	Cat, Dog	Clinical Trials Area: Physical Exams, Behavioral Testing, Phelbotomy, injections, Gaitrite test	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8990	Multi-user: [REDACTED]	Cat, Dog	Injections, Phelbotomy(bleeding), Physical exams; Anesthesia; Tissue Harvesting 184A - holding Kenneis	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8993	Multi-user: [REDACTED]	Cat, Dog	Administration of chemotherapy	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8994	Multi-user: [REDACTED]	Cat, Dog	Holding area, Phelbotomy	06/19/20	No Minor Issues	No Significant Issues	07/07/20
9000	[REDACTED]	Mouse	Holding Plus, anesthesia, irradiation 192A	06/19/20	No Minor Issues	No Significant Issues	07/07/20

9030	Multi-user: SAH; [REDACTED]	Multiple USDA	OR#7 - anesthesia, survival surgery, applying vetraderm to incision site	06/19/20	No Minor Issues	No Significant Issues	07/07/20
9033	Multi-user: SAH; [REDACTED]	Dog	OR #8 - anesthesia, survival surgery, opthamology	06/19/20	No Minor Issues	No Significant Issues	07/07/20
9035	[REDACTED]	Dog (Client Owned)	OR #9 Laser Surgery, Anesthesia, Bleeding	06/19/20	No Minor Issues	No Significant Issues	07/07/20
9035	Multi-user: SAH [REDACTED];	Dog	OR #10 - anesthesia, survival surgery - Oncology	06/19/20	No Minor Issues	No Significant Issues	07/07/20
9036	Multi-user: SAH; [REDACTED]	Dog	OR # 11 - anesthesia, survival surgery - Oncology	06/19/20	No Minor Issues	No Significant Issues	07/07/20
9037	[REDACTED];	cat, dog	OR # 12 - Survival Surgery	06/19/20	No Minor Issues	No Significant Issues	07/07/20
9038	Multi-user: SAH; [REDACTED]	No live animals	Autoclave	06/19/20	No Minor Issues	No Significant Issues	07/07/20
9039	Multi-user: SAH; [REDACTED];	No live animals	ETO Sterilizer	06/19/20	No Minor Issues	No Significant Issues	07/07/20



9040	Multi-user: SAH; [REDACTED];	Dog	OR #6 Anesthesia, Survival Surgery. Main arthroscopic suite	06/19/20	No Minor Issues	No Significant Issues	07/07/20
9043	Multi-user: SAH; cc. [REDACTED];	Dog	OR #5 Anesthesia, Survival Surgery - Orthopedic	06/19/20	No Minor Issues	No Significant Issues	07/07/20
9045	Multi-user: SAH ; cc. [REDACTED];	Dog	OR# 4 Anesthesia, Survival Surgery - Orthopedic	06/19/20	No Minor Issues	No Significant Issues	07/07/20
9046	Multi-user: SAH; cc. [REDACTED];	Dog	OR #3 - Post-op - Anesthesia, Survival Surgery, Imaging	06/19/20	No Minor Issues	No Significant Issues	07/07/20
9047	Multi-user: SAH; cc. [REDACTED];	Dog	OR #2 - Anesthesia, Survival surgery - Soft Tissue	06/19/20	No Minor Issues	No Significant Issues	07/07/20
9048	Multi-user: SAH; cc. [REDACTED];	Dog	OR #1 - Anesthesia, Survival Surgery - Soft Tissue	06/19/20	No Minor Issues	No Significant Issues	07/07/20

9060	Multi-user Comm on: SAH;	Dog	Anesthesia, surgical prep	06/19/20	No Minor Issues	No Significant Issues	07/07/20
9063	Multi-user: SAH;	Cat, Dog	Recovery, Phelbotomy(bleeding), Anesthesia	06/19/20	No Minor Issues	No Significant Issues	07/07/20
9070	Multi-user:	Dog	Endoscopy, biopsy collection (282A storage for supplies and cleaning equipment (scopes))	06/19/20	No Minor Issues	No Significant Issues	07/07/20
9080	Multi-user Comm on: SAH;	Cat, Dog, Swine, cow	Catherization suite: Fluoro (X ray) room, Survival Surgery (special procedures ), Phelbotomy; non-survival Surgery; Anesthesia, Euthanasia, and 288 A	06/26/20	No Minor Issues	No Significant Issues	07/07/20

## Cancer Genetics Research Center CGRC 1376

Area Room#	Respon sible PI	Other PI/St	Species	Procedures	Date of Inspection	Respon - sible for	Minor Issues	Respon - sible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
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3150		Mouse	IN HOOD: anesthesia, euthanasia, tissue harvesting, non- survival surgery	06/23/20	No Minor Issues	No Significant Issues	07/21/20
3151		Mouse	Anesthesia; Euthanasia; Tissue Harvesting	06/23/20	No Minor Issues	No Significant Issues	07/21/20
3163		Mouse	Perfusion with Toxic Substances, Anesthesia, Euthanasia, Bleeding, Tissue Harvesting; IP Injection	06/23/20	No Minor Issues	No Significant Issues	07/21/20
3164		No Live	Drugs and Logs	06/23/20	No Minor Issues	No Significant Issues	07/21/20
3180		Mouse	Euthanasia	06/23/20	No Minor Issues	No Significant Issues	07/07/20
3193		Zebrafish	Imaging	06/23/20	No Minor Issues	No Significant Issues	07/21/20
3225		Axolotl	Imaging, Embryonic Manipulations and subsequent observations	06/23/20	No Minor Issues	No Significant Issues	07/07/20
3230		Mouse	Anesthesia, Euthanasia, Tissue Harvesting (CO2 not used currently; toxin in freezer stable until thawed); Drugs & Logs 420A (425E not used as of Fall 2015)	06/23/20	No Minor Issues	No Significant Issues	07/07/20

3235			Axolotl	Anesthesia, Euthanasia, Tissue Harvesting, Imaging, Embryonic Manipulations and subsequent observations	06/23/20	No Minor Issues	Expired tricaine-Per the IACUC Policy on Expired Drugs, Supplies, and Materials for Use On or In Animals for Research, Teaching or Testing Expired drugs, fluids, medical supplies and devices cannot be used on or in live animals. All expired drugs, fluids, medical supplies and devices must be marked expired and separated from indate drugs/materials or must be discarded on or before their date of expiration. The IACUC recommends that each laboratory establish an inventory procedure to facilitate identification and discarding of expired drugs, fluids, dilutions, mixtures, medical supplies, materials, and devices. An effective inventory system should be established to detect and dispose of expiring or expired medical materials.	07/29/20 07/21/20
3236			Mouse	Euthanasia, Bleeding and Tissue Harvesting	06/23/20	No Minor Issues	No Significant Issues	07/07/20
3239			Zebrafish	Euthanasia, tissue harvesting, Anesthesia	06/23/20	No Minor Issues	No Significant Issues	07/07/20
3260	Multi-user:		Mouse	Anesthesia, Euthanasia CO2, Tissue Harvesting	06/23/20	No Minor Issues	No Significant Issues	07/21/20
3270	ACS	No Live		Cagewash Room; dirty side	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3280	ACS	No Live Animals		NO Animal impact Cagewash Room; machine service area	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3290	ACS	No Live		Carcass Storage	06/01/20	No Minor Issues	No Significant Issues	06/16/20



3300	ACS	No Live	Germ Free Storage	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3310	ACS	Mouse, Rat	Animal Receiving	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3320	ACS	No Live Animal	O2 and CO2 tank dispensing room	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3330	ACS; [REDACTED]	Fish larvae and	Anesthesia, Injections, Imaging.	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3332	[REDACTED]	Anolis, Snake	Housing Plus, minor procedure Euthanasia	06/23/20	No Minor Issues	No Significant Issues	07/21/20
3340	ACS	No Live Animal	RO water supply for animals	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3350	ACS; [REDACTED]	Mouse, Rat, Fish	Housing Plus: Rodents: Receiving and shipping - Quarantine animals. Fish (germ free): in hood	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3360	Multi-user: ACS; [REDACTED]	Fish	Housing Plus: Anesthesia, Euthanasia, Breeding, Tissue Harvesting	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3370	ACS	No Live	Storage: autoclave	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3380	ACS	Mouse, Rat	Isolators - Quarantined	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3390	ACS	No Live	Storage:bedding	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3400	ACS	No Live	Storage: Feed, other	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3410	ACS	No Live Animal	Clean Storage: sterile supplies, autoclave	06/01/20	No Minor Issues	No Significant Issues	06/16/20

3420	ACS	No Live Animals	Cagewash Room; clean side (Autoclave in this room)	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3430	ACS	No Live	Autoclave - not clean side	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3431	ACS	Mouse	Housing Plus: (germ free within isolators); Euthanasia	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3440	ACS	No Live	Storage:	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3450	Multi-user: EH&S [REDACTED]; ACS	Mouse, Rat	irradiator room	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3460	Multi-user: ACS; [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	06/01/20	No Minor Issues	No Significant Issues	[REDACTED]
[REDACTED]	[REDACTED] user: ACS;	Mouse	Housing Plus	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3480	ACS	Mouse,	Housing Plus	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3490	Multi-user: ACS	Mouse, Rat	Housing Plus:	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3500	ACS	No Live	maintenance closet	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3510	ACS: Multi-user: [REDACTED] [REDACTED] [REDACTED] [REDACTED]	Mouse, Rat	Anesthesia, Euthanasia, Non-Survival Surgery, Tissue Harvesting, survival surgery, behavioral testing; Imaging	06/01/20	No Minor Issues	No Significant Issues	07/21/20

3520	ACS: Multi-user:	Mouse, Rat	Housing Plus	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3530	ACS: - Multi-user:	Mouse, Rat	Housing Plus: procedures, Germ Free	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3540	ACS	No Live	Custodian, Storage	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3550	ACS	Mouse	Housing Plus, Germ Free	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3560	ACS: - Multi-user:	Mouse, Rat	Housing Plus: Germ Free quarantine	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3570	ACS: - Multi-user:	Mouse, Rat	Anesthesia, Euthanasia, Non-Survival Surgery, Tissue Harvesting, survival surgery; imaging equipment; Perfusion.- treadmill . SARRP Xray machine	06/01/20	No Minor Issues	No Significant Issues	06/16/20

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3



3630	ACS: - Multi-user: [REDACTED]	Mouse, Rat	Housing	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3640	ACS: - Multi-user: [REDACTED] respo nsible )	Mouse, Rat	Behavioral testing.	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3650	Multi-user: ACS	Mouse, Rat	Housing	06/01/20	No Minor Issues	No Significant Issues	07/21/20
3660	ACS	Mouse, Rat	Housing	06/01/20	No Minor Issues	No Significant Issues	07/21/20
3670	Multi-user: ACS	Mouse, Rat	Housing Plus	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3680	ACS	No Live	Custodian	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3690	Multi-user: ACS	Mouse, Rat	Housing Plus:	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3700	Multi-user: ACS	Mouse, Rat	Housing Plus:	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3710	Multi-user: ACS	Mouse, Rat	Housing	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3720	Multi-user: ACS [REDACTED]	Mouse, Rat	Housing Plus	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3730	Multi-user: ACS [REDACTED]	Mouse	Housing Plus:	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3740	ACS [REDACTED]	Mouse	Housing	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3750	ACS [REDACTED]	No Live	Custodian	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3760	ACS [REDACTED]	Mouse	Housing	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3770	ACS	Mouse	Housing	06/01/20	No Minor Issues	No Significant Issues	06/16/20
3780	Multi-user: ACS [REDACTED]	Mouse, Rat	Euthanasia, Storage:	06/01/20	No Minor Issues	No Significant Issues	06/16/20

3790		Multi-user: ACS		Mouse, Rat	Housing Plus/Breeding	06/01/20	No Minor Issues		No Significant Issues		06/16/20
3820	CGRC Loading Dock	ACS	ACS	Rodents	LD: animals transit.	06/01/20	No Minor Issues		No Significant Issues		06/16/20

## Communicore COM 0203

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
3840		5 ACS		No Live Animals	Surgery: Supplies & Medications; Drugs - controlled substances and logs	06/05/20		No Minor Issues		No Significant Issues			07/07/20
3850		8 ACS		Multiple species	Surgery: Minor Surgeries, Surgical Prep; ALSO CHECK CB-006 - THE HALLWAY	06/05/20		No Minor Issues		No Significant Issues			07/07/20
3870		2 ACS		Multiple	Tank storage.	06/05/20		No Minor Issues		No Significant Issues			06/16/20
3880		4 Multi-user: ACS		Multiple species - USDA	Surgery: Imaging: (fluoro); anesthesia, non-survival surgery, euthanasia, survival surgery, phelbotomy (bleeding)	06/05/20		No Minor Issues		No Significant Issues			06/16/20
3890		ACS		No Live	Surgery: Storage	06/05/20		No Minor Issues		No Significant Issues			06/16/20
3910		5 ACS		No Live Animals	USDA: diagnostic lab storage, vestibule with access to cold room and carcass storage	06/05/20		No Minor Issues		No Significant Issues			06/16/20
3920		ACS		multiple	Necropsy room	06/05/20		No Minor Issues		No Significant Issues			08/04/20

Updated to Animal Research Laboratory Overview (ARLO) on 03/8/2021

Obtained by Rise for Animals

Thursday, August 13, 2020

3930	Multi-user: ACS, [REDACTED]	Multiple species - USDA	USDA - Necropsy Room: euthanasia, perfusion (downdraft table) -- Available for all PI's:	06/05/20	No Minor Issues	No Significant Issues	06/16/20
3940	Multi-user: ACS	USDA: swine	Housing Plus: USDA, telemetry, phelbotomy	06/05/20	No Minor Issues	No Significant Issues	06/16/20
3950	ACS	No Live Animals	Surgery: Medical supply storage: controlled substances, clean side of autoclave	06/05/20	No Minor Issues	No Significant Issues	06/16/20
3960	Multi-user: ACS, [REDACTED]	USDA: Sheep	Housing Plus: USDA, telemetry, phelbotomy	06/05/20	No Minor Issues	No Significant Issues	06/16/20
3970	ACS	USDA: Rabbit	USDA: rabbit housing	06/05/20	No Minor Issues	No Significant Issues	06/16/20
3980	ACS	USDA:	USDA: Storage	06/05/20	No Minor Issues	No Significant Issues	06/16/20
3990	ACS	No Live	USDA: Storage	06/05/20	No Minor Issues	No Significant Issues	06/16/20
4000	ACS	USDA: CATS	USDA: Housing	06/05/20	No Minor Issues	No Significant Issues	06/16/20
4010	ACS	Cats, ra	USDA: Storage	06/05/20	No Minor Issues	No Significant Issues	06/16/20
4020	ACS	USDA: CATS	USDA: Housing	06/05/20	No Minor Issues	No Significant Issues	06/16/20
4030	ACS	Cats, ra	USDA:Storage	06/05/20	No Minor Issues	No Significant Issues	06/16/20
4040	ACS	USDA: Cats	USDA: Housing	06/05/20	No Minor Issues	No Significant Issues	06/16/20
4050	ACS	USDA: r	USDA: Storage	06/05/20	No Minor Issues	No Significant Issues	06/16/20
4060	ACS	USDA: Cats	USDA: Housing	06/05/20	No Minor Issues	No Significant Issues	06/16/20
4070	ACS	USDA:	USDA: Housing	06/05/20	No Minor Issues	No Significant Issues	06/16/20

4080	ACS	No Live Animal	Inspect as part of Surgery Area: Custodial	06/05/20	No Minor Issues	No Significant Issues	06/16/20
4090	Multi-user: ACS - [REDACTED] [REDACTED]	USDA; Sheep	Surgery: ABSL2-Surgical Theater: ABSL2 prep room; anesthesia, injections Area 033; Area 034: scrub area, sinks	06/05/20	No Minor Issues	No Significant Issues	06/16/20
4100	ACS	USDA; Sheep	Surgery: ABSL2-Physical Exams; Minor Procedures - Phlebotomy etc, Survival Surgery, operating theater	06/05/20	No Minor Issues	No Significant Issues	06/16/20
4110	Multi-user: ACS	Multiple species - USDA	Surgery: Surgical Theater: ABSL2 surgery room and regular surgery room, autoclave NOT clean side	06/05/20	No Minor Issues	No Significant Issues	06/16/20
4120	Multi-user: ACS	Multiple species - USDA	Surgery: Surgical Theater: Anesthesia, euthanasia, injections, tissue harvesting, non-survival surgery, survival surgery; CB-040 scrub area, sinks	06/05/20	No Minor Issues	No Significant Issues	06/16/20
4130	Multi-user: ACS	Multiple species - USDA	Surgery: Surgical Theater: recovery and prep area / Supply Storage, ultrasound	06/05/20	No Minor Issues	No Significant Issues	06/16/20



4140	9	ACS	No Live	USDA - Surgical Theater: Storage	06/05/20	No Minor Issues	No Significant Issues	06/16/20
4150	0		No Live Animals	Drugs and logs	06/30/20	No Minor Issues	No Significant Issues	07/21/20
4160	1	ACS:	USDA: Pigs	USDA: Housing/Storage	06/05/20	No Minor Issues	No Significant Issues	06/16/20
4170	2	ACS		Waste processing (EH&S pick-up)	06/05/20	No Minor Issues	No Significant Issues	06/16/20
4180	3	ACS	mice, rats	ABSL 2: (N-95)Housing	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4190	7	ACS	Mouse, Rat	receiving room for ABSL2 & ABSL3	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4200	0	ACS:	Mouse	Storage ACS supplies	06/04/20	No Minor Issues	No Significant Issues	07/21/20
4210		ACS	No Live Animals	ABSL2 Ante-room (autoclave clean) / Vestibule - don PPE - inspect part of program	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4211		ACS	No live animals	ABSL2 -Hallway	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4220		Multi-user: ACS,	Mouse, Rat	ABSL2 housing & procedures	06/03/20	No Minor Issues	No Significant Issues	06/16/20

4230	Multi-user: ACS, [REDACTED]	Mouse, Rat	ABSL2 housing & procedures (suite CB-061 has approved euthanasia areas)	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4240	Multi-user: ACS, [REDACTED]	Mouse, Rat	ABSL2 housing & procedures Housing Plus	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4250	Multi-user: ACS; [REDACTED]	Mouse, Rat	ACS; ABSL2 housing & procedures - Housing Plus	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4260	Multi-user: ACS; [REDACTED]	Mouse, Rat	ABSL2 Housing Plus: procedures	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4261	ACS	No Live Animal	ABSL2 - Autoclave NOTClean	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4270	ACS	No Live Animal	ABSL - Storage: custodial supplies	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4280	ACS	No Live Animals	ABSL2 Ante room Sign in); CB-064a PPE donning; CB-064b PPE discarding for CB-065 suite	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4290	ACS	No Live Animal	ABSL- Custodian-Storage	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4300	Multi-user: ACS		ABSL- Storage	06/03/20	No Minor Issues	No Significant Issues	06/16/20

4310	Multi-user: ACS	█████ ███ █████		ABSL - Storage	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4320	Multi-user: ACS;	ABSL 2, █████ ███	Mouse, Rat	ABSL 2 Housing Plus: Procedure/Storage	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4330	ACS	█████ ███	No Live	ABSL2 Autoclave	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4340	Remote ACS	█████ ███ █████	No live animals	Remote: ABSL3 - ACS lab space used to incubate bio-markers.	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4350	Remote ACS	█████ ███	No live animals	Remote: ABSL3 - Storage	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4360	ACS	█████ ███	Mouse, Rat	ABSL2 Housing Plus: Procedures	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4370	ACS; █████ Remote	█████ ███ █████	No live animals	Remote: ABSL3 Housing Plus: storage	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4380	ACS;	█████ ███ █████	Mouse, Rat	ABSL2 Housing Plus: Procedures/Storage	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4384	Remote ACS	█████ ███ █████	No live animals	Remote: ABSL3 Hallway, Autoclave- Not Clean (Grey Hall)	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4390	Remote ACS	ABSL 3; █████ ███	No Live Animals	Remote: ABSL3 Custodian part of program (Storage)	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4400	Remote ACS	ABSL 3-	No Live	Remote: ABSL3 tissue digester	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4410	Remote ACS	█████ ███ █████	Mouse, Rat	Remote: ABSL3 (Aerosol facility with three chambers- HEPA filters [will not be certified until needed])	06/03/20	No Minor Issues	No Significant Issues	06/16/20

4420	Remot e: ACS, [REDACTED] [REDACTED]	[REDACTED]	Mouse, Rat	Remote: ABSL3 Housing	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4430	Remot e: ACS, [REDACTED] [REDACTED]	[REDACTED]	Mouse, Rat	Remote ABSL3: Procedure	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4440	Remot e: ACS, [REDACTED] [REDACTED]	ABSL 3; [REDACTED] [REDACTED]	Mouse, Rat	Remote: ABSL3 Housing	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4450	Remot e: ACS, [REDACTED] [REDACTED]	[REDACTED] [REDACTED] [REDACTED]	Mouse, Rat	Remote: ABSL3: Procedure	07/16/20	No Minor Issues	No Significant Issues	07/21/20
4460	Remot e: ACS, [REDACTED] [REDACTED] [REDACTED] [REDACTED]	ABSL 3; [REDACTED] [REDACTED] [REDACTED]	Mouse, Rat	Remote: ABSL3 Housing	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4470	Remot e: ACS, [REDACTED] [REDACTED]	ABSL 3; [REDACTED] [REDACTED]	Mouse, Rat	Remote: ABS3 Procedure	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4480	Remot e: ACS, [REDACTED] [REDACTED]	ACS: [REDACTED] [REDACTED]	Mouse, Rat	Remote: ABSL3 Housing	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4490	Remot e: ACS, [REDACTED] [REDACTED]	[REDACTED] [REDACTED] [REDACTED]	Mouse, Rat,	Remote: ABSL3 - Procedure	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4500	Remot e: ACS, [REDACTED] [REDACTED]	ABSL 3; [REDACTED] [REDACTED]	Mouse, Rat,	Remote: ABSL3 - Procedure	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4520	ACS	[REDACTED]	No Live	Autoclave room	06/04/20	No Minor Issues	No Significant Issues	07/21/20



4530	Multi-user: ACS; [REDACTED]	No Live Animals	USDA: Storage: food, bedding and food prep	06/05/20 [REDACTED]	Expired animal diets were found, labeled with each individual PI's name. Please dispose of the expired diets upon receipt of this report.	No Significant Issues	07/09/20 07/07/20
4540	ACS	No Live Animals	USDA, storage: refrigerated food (this room is also labeled CB-062A)	06/05/20	No Minor Issues	No Significant Issues	06/16/20
4550	ACS: Multi-user: [REDACTED]	Mouse / Rat	Housing Plus - 2 hoods (Currently storage, will be used for housing aging once renovations are completed)	06/04/20	No Minor Issues	No Significant Issues	07/21/20
4560	ACS: Multiple [REDACTED]	Mice, Rats, Spiny mice	Survival Surgery, Anesthesia, Euthanasia	06/05/20	No Minor Issues	No Significant Issues	06/16/20

4561	ACS		Mouse, Sound chamber Rat w/out door- surgery recovery with O2. Approved for short term housing on 10/31/18.	06/04/20	No Minor Issues	No Significant Issues	07/21/20
4570	ACS: [REDACTED]		ABSL2 Housing/Storage	06/04/20	No Minor Issues	No Significant Issues	07/21/20
4580	ACS, multi user		Mouse, Housing Plus Rat, spiny	06/05/20	No Minor Issues	No Significant Issues	08/04/20
4601	ACS		Mouse, Perfusion Room Rat	06/03/20	No Minor Issues	No Significant Issues	06/16/20
4603	ACS		ABSL - Storage, Animals transit, cleaning supplies and PPE	06/03/20	No Minor Issues	No Significant Issues	07/21/20
4604	ACS		Rodent Quarantine s room	06/03/20	No Minor Issues	No Significant Issues	07/21/20
4605	ACS		Mice/R Quarantine ats Room	06/03/20	No Minor Issues	No Significant Issues	07/21/20
4610	ACS;		Guinea Housing: Guinea Pig Pig	06/05/20	No Minor Issues	No Significant Issues	06/16/20
4630	ACS		USDA: USDA: Spiny Housing/storage	06/05/20	No Minor Issues	No Significant Issues	06/16/20
4640	Multi user: Comm on; ACS		USDA: Multi-user: All Rice Rat, procedures Spiny including mice, Survival Surgery Rabbit, and Euthanasia Mouse, (CO2); ACS Rat Training room for investigators	06/05/20	No Minor Issues	No Significant Issues	06/16/20
4650	ACS; [REDACTED]		USDA: Housing Plus: Rice	06/05/20	No Minor Issues	No Significant Issues	07/07/20

4660	9 ACS; [REDACTED] [REDACTED] [REDACTED] [REDACTED]	[REDACTED] Species : Mouse	Housing Plus	06/04/20	ACS; [REDACTED] [REDACTED]	1) (ACS) There are cracks around ceiling access point; recommend re-sealing. Please provide plan with potential timeline within two weeks receipt of this report.  2) (Wesson lab) There are two containers of lab supplies, notebooks, and a scale being stored in this room. Please minimize the items being stored in this housing room. Determine what is appropriate to store in this room and what should be kept in the lab. Recommend discussing with ACS Comm manager. Please provide plan within two weeks receipt of this report.	No Significant Issues	07/23/20	07/21/20
4670	ACS; [REDACTED] [REDACTED]	Mouse, Rat,	ABSL2 & Housing Plus: procedure room	06/03/20	No Minor Issues	No Significant Issues	No Significant Issues	06/16/20	
4680	ACS; [REDACTED] [REDACTED] [REDACTED]	Mouse, Rat	Housing & ABSL2: (Glass compartments A, B, C and D ) Euthanasia, Injections, Phelbotomy, Behavioral Testing	06/03/20	No Minor Issues	No Significant Issues	No Significant Issues	06/16/20	
4690	ACS: [REDACTED] [REDACTED] [REDACTED] [REDACTED]	Mouse, Rat	ABLS2 (negative pressure): Anesthesia, U/S thermo (cannot be sanitized), Phelbotomy, Tissue Harvesting, Euthanasia (in hood) - CO2 and cervical dislocation or pnemothorectomy. Housing Plus: Housing in enclosed cubicles within room. 2 hoods.	06/03/20	[REDACTED] Reoccurring issue: Please remove the carboard storage boxes and store items in plastic tubs or bins. Please check with EH&S about your gas tank storage. It doesn't look secure	No Significant Issues	No Significant Issues	08/06/20	06/16/20

Uploaded to Animal Research Laboratory Overview (ARLO) on 03/11/2020

Obtained by Rise for Animal Research on 03/11/2020

4700	ACS:	Mouse	Housing Plus: Euthanasia	06/04/20	No Minor Issues	No Significant Issues	07/21/20
4710	ACS;	Mouse, Rat	Housing Plus:	06/04/20	The racks holding telemetry equipment are dirty with chow pieces, stains, and exposed cardboard underneath foil. Please clean the area and develop a system to maintain the area when in/not in use. Please respond with plan within two weeks receipt of this report.	No Significant Issues	07/29/20 07/21/20
4720		Mouse, Rat	Behavioral Testing, Injection, Phlebotomy, Tissue Harvesting	06/30/20	No Minor Issues	No Significant Issues	07/07/20
4730		Mouse	Behavioral Testing- Water Maze	06/30/20	No Minor Issues	No Significant Issues	07/07/20
4740		Mouse, Rat	Behavioral Testing, Water Maze	06/30/20	Reoccurring finding: The hycheck slide tests are required. Please contact the ACS Diagnostic Lab and get these redone asap.	No Significant Issues	07/10/20 07/21/20
4770		Mouse	Behavioral Testing, water maze	06/30/20	Reoccurring finding: The hycheck slide test are required. Please contact the ACS Diagnostic Lab and have these redone asap.	No Significant Issues	07/10/20 07/21/20
4780	ACS:	Mouse	Housing	06/04/20	No Minor Issues	No Significant Issues	07/21/20



4790	Multi-user	Mouse	Behavioral Testing: multiple equipment - Rotomex, Digigait (CTRND is the Center for Translational Research in Neurodegenerative Disease)	06/30/20	1. Hycheck slide tests required on the induction chamber and the results need to be maintained in the lab. Please contact Liza Stanely ACS regarding this matter. Please correct within two weeks. 2. Special care by PI monitoring on 6/29/20 is blank. 3. Expired salines (3) found. Please dispose of immediately.	No Significant Issues	08/06/20 07/21/20
4800	ACS;	Mouse	Housing	06/04/20	1) All components of the animal facility should be regularly cleaned and disinfected. Cardboard and other porous items should be removed (or covered with sanitizable material) as they cannot be appropriately disinfected. Please respond with a plan for the cardboard within two weeks receipt of this report. 2) There is a paper bag of bedding that should be in a sanitizable container. This was corrected on-site during the inspection.	No Significant Issues	07/30/20 07/21/20
4810	Multi User; ACS Purview	Mouse, Rat	Multi User Procedure Room; Room under ACS purview	06/04/20	No Minor Issues	No Significant Issues	08/04/20

4820	Multi-user: ACS, [REDACTED]	Mouse Housing	06/04/20 [REDACTED]	1) Expired glucose strips 2015, expired tissue adhesive 2015, and expired needles 2019 were found in this room. No drugs, fluids, medical supplies or devices may be used beyond their expiration date on or in live animals; they must be marked as expired and separated from other materials, or discarded (one exception: for acute terminal procedures, not including expired drugs or fluids) per UF IACUC Policy and the USDA Animal Care Policy Manual. <a href="https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf">https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf</a>  Please provide plan within two weeks receipt of this report.	No Significant Issues	07/29/20 07/21/20
4830	ACS [REDACTED]	Mouse, Rat Housing	06/04/20	No Minor Issues	No Significant Issues	07/21/20
4840	ACS; [REDACTED]	Mouse, Rat Housing	06/04/20	No Minor Issues	No Significant Issues	07/21/20
4850	[REDACTED]	Mouse, Rat Behavioral Testing	06/30/20	No Minor Issues	No Significant Issues	07/21/20
4860	ACS: [REDACTED]	Mouse, Rat Housing	06/04/20	No Minor Issues	No Significant Issues	07/21/20

4870 [REDACTED] ACS,  
[REDACTED]  
[REDACTED]

Mouse procedure space 06/04/20 [REDACTED]  
[REDACTED]

- 1) There are used animal cages with bedding, chow, water bottles. Please return to ACS staff/dirty cagewash.
- 2) Please dispose of the expired napa nector.
- 3) Chambers have chipping paint. Please provide plan to reseal surfaces.
- 4) There is overall clutter- please organize and clean items being stored in this room.
- 5) There are expired needles. No drugs, fluids, medical supplies or devices may be used beyond their expiration date on or in live animals; they must be marked expired separated from other materials and/or discarded (one exception: for acute terminal procedures, not including expired drugs or fluids) per UF IACUC Policy and the USDA Animal Care Policy Manual.  
<https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf>
- 6) There are rope material, styrofoam, and dirty wood items with fecal material. All components of the animal facility should be regularly cleaned and disinfected. Wood should be appropriately sealed and porous items such as cloth chairs, cardboard, styrofoam should be removed (or covered with sanitizable material) as they cannot be appropriately disinfected.
- 7) The flooring within the open field box is stained. Please provide plan for repair or replacement.

Please respond with a plan for all items within two weeks receipt of this report.

No Significant Issues

07/31/20 07/21/20

4880	Multi-user: ACS: [REDACTED]	Mouse, Rat	SPF Housing Plus,	06/04/20 [REDACTED]	There is a bead sterilizer being stored in this housing room. Please relocate to an appropriate alternate room, such as procedure or lab space.	No Significant Issues	07/20/20	07/21/20
4890	ACS: [REDACTED]	USDA: Rice	USDA: Housing Plus	06/05/20	No Minor Issues	No Significant Issues		06/16/20
4900	Single-user: ACS; [REDACTED]	Mouse, Rat	Housing	06/04/20	No Minor Issues	No Significant Issues		07/21/20
4910	[REDACTED]	Mouse, Rat	Anesthesia, Injections. Sound tests: chamber has felt interior. Sanitization SOP reviewed by ACS vets. Interior is vacuumed with HEPA filter vacuum. Only one mouse at a time is allowed and will not be in housing cage.	06/30/20 [REDACTED]	1. Expired isoflurane vaporizer calibration. Please arrange for the calibration to be completed. Please comply within two weeks. 2. One bottle of 70% Ethanol expired. Please dispose of.	No Significant Issues	07/29/20	07/21/20



4920	Multi-user: Comm on ACS, [REDACTED]	Mouse, Rat	Housing	06/04/20	[REDACTED], [REDACTED] There are multiple items being stored in this housing room, including cardboard, styrofoam, boxes of gloves, and computer items. Please relocate items to an appropriate storage area, such as lab space or in a procedure space. If items need to remain in this room, they should be organized and clean, and porous items should be covered with sanitizable material as they cannot be appropriately disinfected. Please discuss with ACS manager to determine what is approved to remain in the room. Please provide plan within two weeks receipt of this report.	No Significant Issues	07/24/20	07/21/20
4930	ACS: [REDACTED]	Mouse, Rat	Housing Plus: hood/storage	06/04/20	No Minor Issues	No Significant Issues		07/21/20
4940	[REDACTED]	Mouse, Rat	Anesthesia, Injections, physiological telemetry, imagingZenasco pe/Zenalux measurements, Behavior Testing, MRI	06/30/20	[REDACTED] Hycheck slide tests required for MRI box and the results need to be maintained in the lab. Please contact [REDACTED] of ACS regarding this matter. Please correct within two weeks.	No Significant Issues	07/22/20	07/21/20
4950	Multi-user: ACS; [REDACTED]	Mouse, Rat	Housing Plus: EchoMRI Scanner- need to inspect/storage	06/04/20	No Minor Issues	No Significant Issues		07/21/20
4960	Multi-user: EH&S [REDACTED] ACS	Mouse, Rat	Irradiator Room	07/10/20	No Minor Issues	No Significant Issues		07/21/20

4970	ACS; [REDACTED]	Mouse, Rat	Housing Plus/storage	06/04/20	No Minor Issues	No Significant Issues	07/21/20
4980	ACS	Rat, mice	Housing, behavioral testing, storage	06/04/20	No Minor Issues	No Significant Issues	07/21/20
4990	ACS, [REDACTED]	Mouse, Rat	Housing, behavioral testing	06/04/20	No Minor Issues	No Significant Issues	07/21/20
5000	ACS, [REDACTED]	Mouse, Rat	Housing - Quarantine	06/04/20	No Minor Issues	No Significant Issues	07/21/20
5010	ACS	USDA: Rice rat, Spiny mice, Mouse, Rat,	Survival surgery, anesthesia, non-survival surgery, injections, euthanasia, tissue harvesting	06/05/20	No Minor Issues	No Significant Issues	06/16/20
5020	[REDACTED] [REDACTED]	Rat	Bleeding, Housing in metabolic cages up to 48 hours.	06/30/20	[REDACTED] Please use plastic container instead of cardboard for storing items.	No Significant Issues	07/20/20 07/21/20
5030	ACS, [REDACTED]	Rat	Quarantine/Isolators	06/04/20	No Minor Issues	No Significant Issues	07/21/20

5040			Rodent s	Behavioral Testing	06/30/20		Rusted rodent ear punch tool found. Please remove the rust and clean it or please replace it.	No Significant Issues	07/23/20	07/21/20
5060	ACS		Zebra Fish	Housing Plus (ACS husbandry), Anesthesia, Euthanasia, Tissue Harvesting	06/05/20		No Minor Issues	No Significant Issues		06/16/20
5070			Rat	ICH (hemorrhagic stroke) and TBI induced. Anesthesia, Euthanasia, Injections (intra- cranial and IP), Non-survival Surgery, Survival Surgery, Behavioral Testing (table- top), Phlebotomy	06/30/20		No Minor Issues	No Significant Issues		07/07/20
5080			Mouse, Rat	ICH (hemorrhagic stroke) and TBI induced. Anesthesia, Euthanasia, Injections (intra- cranial and IP), Non-survival Surgery, Survival Surgery, Behavioral Testing (table- top), Phlebotomy	06/30/20		No Minor Issues	No Significant Issues		07/21/20

5081	ACS Multi-Users: [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]	Mouse	Housing of experimental mice and hypoxia chamber	06/04/20	[REDACTED] [REDACTED] [REDACTED] [REDACTED]	1) There was an unmounted nitrogen gas cylinder in this room. Please appropriately secure for personnel and animal safety. Please provide plan within two weeks receipt of this report.  2) All components of the animal facility should be regularly cleaned and disinfected. Cardboard and other porous items should be removed (or covered with sanitizable material) as they cannot be appropriately disinfected. Please provide plan for cardboard within two weeks receipt of this report.	No Significant Issues	07/21/20
5082	[REDACTED]	Mouse, Rat	Behavioral Testing	06/30/20		No Minor Issues	No Significant Issues	07/07/20
5083	[REDACTED]	Mouse, Rat	Anesthesia, Non-survival Surgery, Survival Surgery, Injections, euthanasia, Behavioral Testing	06/30/20	[REDACTED] [REDACTED] [REDACTED]	Hychecks slide for Surgical Equipment is expired. Please contact [REDACTED] of ACS regarding this matter. Please correct within two weeks.	No Significant Issues	07/16/20 07/07/20
5085	[REDACTED]	Mouse, Rat	Behavioral Testing	06/30/20		No Minor Issues	No Significant Issues	07/07/20
5086	[REDACTED]	Mouse, Rat	Behavioral Testing, Survival surgery, anesthesia	06/30/20		No Minor Issues	No Significant Issues	07/07/20
5087	[REDACTED]	Mouse, Rat	Behavioral Testing	06/30/20		No Minor Issues	No Significant Issues	07/07/20
5088	[REDACTED]	Mouse /Rat	Behavioral Testing, Anesthesia.	06/30/20		No Minor Issues	No Significant Issues	07/21/20
5089	[REDACTED]	rats, mice	Behavioral testing	06/30/20		No Minor Issues	No Significant Issues	07/21/20





5150				Mouse, Rat	Behavioral testing	07/10/20		No Minor Issues		No Significant Issues		07/21/20
5160				Rodents	Behavioral Testing, pletysmography	07/10/20		No Minor Issues		No Significant Issues		07/21/20
5170				Rodents	Behavioral testing	07/10/20		No Minor Issues		No Significant Issues		07/21/20
5211				Mouse, Rat	Behavioral Testing	06/30/20		No Minor Issues		No Significant Issues		07/07/20
5212		ACS		No live animals	Gas cylinder storage space	06/05/20		No Minor Issues		No Significant Issues		06/16/20

## Archie Carr CRR 0748

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
1900				Amphibia	Non-ACS Housing; Bleeding, Injection; Tissue Harvesting; Euthanasia; Drugs & Log	06/17/20		No Minor Issues		No Significant Issues			07/21/20

## Dental Science DSB 0205

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
5232				Mouse, Rat	Anesthesia, Euthanasia, Survival Surgery, Non-survival surgery, Injections (Drugs and logs), Perfusion in hood	06/25/20		No Minor Issues		No Significant Issues			07/07/20
5330				Mouse	Euthanasia (CO2), Tissue Harvesting, necropsy	06/25/20		No Minor Issues		No Significant Issues			07/07/20

5360		Mouse	Non-survival surgery, perfuion with non-toxic substances, Euthanasia, Tissue Harvesting	06/25/20	No Minor Issues	No Significant Issues	07/07/20
5370		Mouse, Rat	Anesthesia, Euthanasia, Tissue Harvesting	06/25/20	No Minor Issues	No Significant Issues	07/07/20
5390		Rat	Euthanasia, Tissue Harvesting	06/25/20	No Minor Issues	No Significant Issues	07/07/20
5400		No Live Animal	Drugs and logs	07/13/20	No Minor Issues	No Significant Issues	07/21/20
5410		Rat	Anesthesia, Euthanasia, hood only Note: Isoflurane is storage in	06/25/20	Hood certification has expired. Please contact EH&S to re-certify it.	No Significant Issues	07/12/20 07/07/20
5420		Mouse	Euthanasia, Tissue Harvesting	06/25/20	No Minor Issues	No Significant Issues	07/07/20
5440		No Live Animals	Drugs and logs	06/25/20	No Minor Issues	No Significant Issues	07/07/20
5455		Mouse, Rat	Anesthesia, Euthanasia, Injections, Phelbotomy, Tissue Harvet	06/25/20	No Minor Issues	No Significant Issues	07/07/20
5521		Mouse, Rat	Fume Hood: Euthanasia; Anesthesia; Tissue Harvesting, Perfusion	06/25/20	No Minor Issues	No Significant Issues	07/07/20

5531				Mouse	Euthanasia, Tissue Harvesting	06/25/20		No Minor Issues		No Significant Issues			07/07/20
Florida Gymnasium FLGYM 0021													
Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
5779				Mouse	Behavioral Testing, Survival Surgery	06/18/20		No Minor Issues		No Significant Issues			07/07/20
5780				Mouse, Rat	Room - Anesthesia , Euthanasia, Non survival surgery, injections, tissue harvesting, In room - Behavioral Testing (Thermo-Forma environmental chamber), < 24 hours, Drugs and logs in room	06/23/20		No Minor Issues		No Significant Issues			07/21/20
5821				Mouse	Angen Administration; Euthanasia; Anesthesia; Tissue Harvesting; Survival Surgery; Non-Survival Surgery	06/23/20		No Minor Issues		No Significant Issues			07/07/20
5851				Rat	Behavioral Testing	06/23/20		No Minor Issues		No Significant Issues			07/07/20

5860		Rat	Behavioral Testing, Euthanasia, Imaging, Anesthesia, Tissue Harvesting	06/23/20	No Minor Issues	No Significant Issues	07/07/20
5890		Mouse, Rat	Injections, weighing, Holding room <24hrs	06/23/20	No Minor Issues	No Significant Issues	07/07/20
5895		no live animals	Isoflurane vaporizer storage	06/23/20	No Minor Issues	No Significant Issues	07/07/20
5900		Mouse, Rat	Anesthesia, Euthanasia, Non-Survival Surgery, Survival Surgery, tissue harvesting, casting	06/23/20	No Minor Issues	No Significant Issues	07/07/20
5904		Mouse, rat	Weighing animals and Drugs	06/23/20	No Minor Issues	No Significant Issues	07/07/20
5905		Mouse, rat	Behavioral Tesing (Treadmill), Anesthesia, Euthanasia, Survival Surgery, Non-survival Surgery, Injections, Tissue Harvesting, animals present <24 hrs. Drug logs. Echocardiograph	06/23/20	No Minor Issues	No Significant Issues	07/07/20
7871		Mouse, Rat	Vehicle Number 5716 - used to transport animals Lic# YN056- White Van	06/23/20	No Minor Issues	No Significant Issues	07/07/20



# Food Science & Human Nutrition FSN 0475

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
5920				Mouse	Anesthesia, Euthanasia, Non-Survival Surgery, Survival Surgery, injections, phelbotomy (bleeding), tissue harvesting ; other: liver perfusion, partial hepatectomy, cecal ligation and puncture.	06/22/20		No Minor Issues		No Significant Issues			07/07/20
5925				Mouse	Tissue Harvesting; Perfusion; Non-Survival	06/22/20		No Minor Issues		No Significant Issues			07/07/20
5930				No Live	Drugs and logs	06/22/20		No Minor Issues		No Significant Issues			07/07/20
5970		ACS		No Live	Storage	06/05/20		No Minor Issues		No Significant Issues			06/16/20
5980		ACS		No Live Animals	Dirty Cage Storage	06/05/20	ACS	Rust on floor drain and ceiling air duct needs to be removed/replaced. Rust compromises the ability to effectively disinfect the room.		No Significant Issues		06/29/20	06/16/20
5990		Multi-user: ACS;		Mouse	Housing Plus	06/05/20	ACS,	Rust on floor drain and ceiling air duct. Please remove/replace rust. Rust compromises the ability to effectively disinfect the room.		No Significant Issues		06/29/20	06/16/20

6000	Multi-user: [REDACTED]	Mouse, Rat	Euthanasia, Tissue Harvesting	06/22/20		No Minor Issues		No Significant Issues		07/07/20
6010	Multiple users: ACS, [REDACTED]	Mouse, Rat	Housing - breeding	06/05/20	ACS, [REDACTED]	Rust on floor drain, ceiling air duct and ceiling light bezel. Please remove/replace rust. Rust compromises the ability to effectively disinfect the room.		No Significant Issues		06/29/20 06/16/20
6020	Multi-user: ACS, [REDACTED]	Mouse, Rat	Presently used for tissue culture procedures and experiments.	06/05/20	ACS	Chair in room has a crack in the padding, exposing foam. Please replace the chair as all surfaces in animal room must be sanitizable.		No Significant Issues		06/29/20 06/16/20
6030	ACS	Rats	Housing	06/05/20	ACS	Rust on ceiling air duct and floor drain. Please remove/replace rust. Rust compromises the ability to effectively disinfect room.		No Significant Issues		06/29/20 06/16/20
6031	[REDACTED]	Mouse	Injection; Euthanasia; Non-survival surgery; Drugs & Log	06/22/20		No Minor Issues		No Significant Issues		07/07/20
6040	[REDACTED]	Mouse, Rat	Anesthesia, Euthanasia, Injections, Tissue Harvesting-perfusion with non-toxic agent.	06/22/20		No Minor Issues		No Significant Issues		07/07/20
6060	ACS	No Live	Custodian	06/02/20		No Minor Issues		No Significant Issues		06/16/20

ACK Knight Brain Institute MBI 0059

Source	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
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661		No Live Animals	Drugs & logs.	07/01/20	No Minor Issues	No Significant Issues	07/07/20
668		Rat	Housing Plus; intermittent hypoxia	07/01/20	No Minor Issues	No Significant Issues	07/07/20
670	Multi-user: [REDACTED] [REDACTED]	Mouse, Rat, Spiny Mouse	Spiny Mouse (Post-Op recovery only), Anesthesia, Euthanasia, non-survival surgery, tissue harvesting; perfusion; Injections; BT: Note: behavioral testing equipment used for L4-161 - on cart in this lab; Drugs & Logs	07/01/20	No Minor Issues	No Significant Issues	07/07/20
680	Multi-user: [REDACTED] [REDACTED]	Mouse, Rat, Spiny Mouse	Anesthesia; Injections; Survival Surgery	07/01/20	No Minor Issues	No Significant Issues	07/07/20
706	[REDACTED]	Mouse, Rat	Anesthesia, Euthanasia, Non-survival Surgery, Neurophysiology Monitoring; Perfusion (3 of 4 stations are in this room) EMG	07/01/20	No Minor Issues	No Significant Issues	07/07/20
707	[REDACTED]	Mouse, Rat	EMG monitoring, Plethysmography (assessment of respiration)	07/01/20	No Minor Issues	No Significant Issues	07/07/20

709				Mouse, Rat	Anesthesia, Euthanasia, Non-survival Surgery, Neurophysiology Monitoring; (1 of 4 stations)	07/01/20		No Minor Issues		No Significant Issues		07/07/20
710				Mouse, Rat	Anesthesia, Euthanasia, Survival Surgery, Non-survival Surgery, Up to 7 day housing; Drugs & Logs	07/01/20		No Minor Issues		No Significant Issues		07/07/20
720				Mouse, Rat	Behavioral Testing, █: animal transit)	06/25/20		No Minor Issues		No Significant Issues		07/07/20
730				Mouse, Rat	Behavior testing, anesthesia, electrophysiology, MRI acclimation training, euthanasia	07/01/20		No Minor Issues		No Significant Issues		07/07/20
740	█	Multi-user: █	Inst. contact - █	USDA covered species, Mouse	Anesthesia, Euthanasia, Perfusion, Non-survival Surgery, Tissue Harvesting	07/08/20	Unknown	The perfusion hood - the metal plate (central piece - 1 of 3 - below the metal grate) is missing. Please replace within two weeks.		No Significant Issues	08/05/20	07/21/20

760	Multi-user:	Mouse, Rats	Housing Plus (3-5 days coordinating with ACS vet tech). Anesthesia, Survival Surgery, Injections, Tissue Harvesting, Review biosafety (vector agents), Drugs and Logs	07/01/20	No Minor Issues	No Significant Issues	07/07/20
770	,	Rodents	Behavioral Testing; Non-Survival Surgery; Drug/Animal Supplies Storage; Anesthesia; Survival Surgery	07/15/20	Whistle Blower poster must be posted either outside or within the lab area.  Mechanisms for reporting concerns should be posted in prominent locations in the facility and on applicable institutional website(s) with instructions on how to report the concern and to whom. Per the Guide for the care and use of Laboratory animals: Multiple points of contact, including senior management, the IO, IACUC Chair, and AV, are recommended. The process should include a mechanism for anonymity, compliance with applicable whistleblower policies, nondiscrimination against the concerned/reporting party, and protection from reprisals.	No Significant Issues	07/21/20 07/21/20
780	Multi:	Mouse	Anesthesia, Tissue harvesting, Perfusion, Euthanasia, Survival Surgery	07/01/20	No Minor Issues	No Significant Issues	07/21/20



781		Rat	Perfusion with and without Toxic Substance; Non-Survival Surgery; Euthanasia, Post-op care; Bleeding, Anesthesia, Survival Surgery, Tissue Harvesting	06/08/20	No Minor Issues	No Significant Issues	06/16/20
782		Rat	Behavioural Testing, Anesthesia	06/08/20	No Minor Issues	No Significant Issues	06/16/20
783		Rodents	Anesthesia; plethysmography	07/01/20	No Minor Issues	No Significant Issues	07/21/20
800		Mouse, Rat	Euthanasia, Anesthesia, tissue harvesting, Drugs & logs	07/01/20	No Minor Issues	No Significant Issues	07/07/20
810		Mouse, Rat	Anesthesia, Euthanasia, Survival Surgery	07/01/20	No Minor Issues	No Significant Issues	07/07/20
830		Mouse, Rat	Anesthesia, Euthanasia, Survival Surgery, Tissue Harvesting, Perfusion in hood, Blood pressure monitoring, Drugs & Log	07/01/20	No Minor Issues	No Significant Issues	07/07/20

850	Multi-user: [REDACTED]	cont - [REDACTED]	Mouse, Rat and up to USDA	Anesthesia, Euthanasia, Perfusion, Non Survival surgery, Injections, Tissue Harvesting	07/08/20	No Minor Issues	No Significant Issues	07/21/20
860	Multi-user: [REDACTED]	[REDACTED]	Mouse, Rat	Holding area - rodents will be covered on cart in cages.	06/26/20	No Minor Issues	No Significant Issues	07/07/20
901	[REDACTED]	[REDACTED]	Rat	Agent Admin; Behavioral Testing	07/01/20	No Minor Issues	No Significant Issues	07/07/20
902	[REDACTED]	[REDACTED]	Rat	Agent Admin; Behavioral Testing	07/01/20	No Minor Issues	No Significant Issues	07/07/20
930	[REDACTED]	[REDACTED]	Rat	Behavioral Testing, physiology	07/01/20	No Minor Issues	No Significant Issues	07/07/20
941	[REDACTED]	[REDACTED]	Mouse	Anesthesia, Euthanasia, Perfusion; Non-Survival Surgery, Survival Surgery; Controlled (Drug Log), Agents, Hood	07/01/20	No Minor Issues	No Significant Issues	07/07/20

945		Mouse, Rat	L3-133 - Anesthesia, Euthanasia, Non-survival Surgery, Phlebotomy, Injections, Tissue Harvesting, echocardiogram (wheel running), treadmill	07/01/20	No Minor Issues	No Significant Issues	07/07/20
946		Mice	Housing, Tail suspension	06/04/20	No Minor Issues	No Significant Issues	06/16/20
947		Mice, Rat	Procedure room including survival surgery and TDNMR; VEVO 3100	07/01/20	No Minor Issues	No Significant Issues	07/07/20
951		Rat	Anesthesia, Euthanasia, Non-Survival Surgery	07/01/20	No Minor Issues	No Significant Issues	07/07/20
955		Mouse, Rat	Behavioral Testing , Non-Survival Surgery , Other, Anesthesia, Survival Surgery, Euthanasia	07/08/20	No Minor Issues	No Significant Issues	07/21/20
960		Mouse	Perfusion, Euthanasia (CO2)	07/01/20	No Minor Issues	No Significant Issues	07/07/20
961		Mouse, Rat	Behavioral Testing	07/01/20	No Minor Issues	No Significant Issues	07/07/20
965		Rat	Injections, anesthesia, behavioral testing (Drugs and Drug logs kept in L4-100J)	07/01/20	No Minor Issues	No Significant Issues	07/07/20

966			Mouse, Rat	Injections, behavioral testing	07/01/20	No Minor Issues	No Significant Issues	07/07/20
970	Multi-user;		Mouse, Rat	Anesthesia, Euthanasia, Survival Surgery, tissue harvesting, non-survival surgery, behavioral testing (This is a common procedure room. All equipment, supplies and materials must have prominent identification of investigator.	07/01/20	Expired Sweetner (June 30th 2018). Disposed onsite by a (staff member of the lab).	No Significant Issues	07/01/20 07/21/20
980			Mouse, Rat	Approved for Behavioral Testing: animals exposed to second-hand smoke. Also, used for storage.	07/01/20	No Minor Issues	No Significant Issues	07/07/20
991			No Live	Drugs and logs	07/08/20	No Minor Issues	No Significant Issues	07/21/20
1000	Multi-user:		Rat, Mouse	Anesthesia, Euthanasia, Non-survival Surgery, Tissue Harvesting, treadmill	07/01/20	No Minor Issues	No Significant Issues	07/07/20
1021			No Live Animals	Drugs and logs	07/01/20	No Minor Issues	No Significant Issues	07/21/20

1030	Multi-user:	Rat	Behavioral Testing (holding room sometimes)	06/29/20	<p>Hychecks are overdue. Please perform within two weeks of receipt of this report.</p> <p>Efficacy of sanitization in animal housing spaces, procedure rooms, and equipment that is maintained by investigators will be monitored and documented every 6 months; per the UF IACUC and ACS guidelines based on recommendations from The Guide and the Animal Welfare Act. <a href="https://my.acs.ufl.edu/guidelines/VerificationofSanitizationofInvestigator.pdf">https://my.acs.ufl.edu/guidelines/VerificationofSanitizationofInvestigator.pdf</a></p>	No Significant Issues	07/23/20 07/21/20
1040	Multi-user:	Rat, Mouse	Behavioral Testing	06/29/20	No Minor Issues	No Significant Issues	07/21/20
1050	Multi-user:	Mouse, Rat	Behavioral Testing	06/29/20	No Minor Issues	No Significant Issues	07/07/20
1052		Mouse, Rat	Anesthesia, Euthanasia, Injections, Phelobotomy, Survival Surgery	06/29/20	No Minor Issues	No Significant Issues	07/07/20
1060		Mouse, Rat	Anesthesia, Survival Surgery, non-survival surgery, euthanasia,	06/25/20	No Minor Issues	No Significant Issues	07/07/20



1080	Multi-user: [REDACTED]	Mouse and Rat (pups)	Euthanasia, Tissue Harvesting (hood in L4-135 for Anesthesia), perfusion	06/29/20	No Minor Issues	No Significant Issues	07/21/20
1081	[REDACTED]	Mice, Rats	blood pressure, non-survival surgery, anesthesia, euthanasia, perfusion	06/29/20	[REDACTED] All components of the animal facility should be regularly cleaned and disinfected. Cardboard and other porous items such as cloth chairs should be removed (or covered with a sanitizable surface) as they cannot be appropriately disinfected.	No Significant Issues	07/31/20 07/21/20
1090	Multi-user; [REDACTED] contact: [REDACTED]	Mouse, Rat	Anesthesia, euthanasia, tissue harvesting, non-survival surgery, perfusion	07/08/20	No Minor Issues	No Significant Issues	07/21/20
1120	[REDACTED]	Mouse, Rat	Miscellaneous Storage - Body Composition Analyzer	06/29/20	No Minor Issues	No Significant Issues	07/07/20

1130	Multi-user:	Rodents	Anesthesia, Euthanasia, Survival Surgery, Non Survival Surgery; tissue harvesting, injections.	07/01/20	No Minor Issues	No Significant Issues	07/21/20
1134		Mouse	Perfusion w/ hazardous agents	06/29/20	No Minor Issues	No Significant Issues	07/07/20
1135		No Live Animals	Drugs & Logs	06/29/20	No Minor Issues	No Significant Issues	07/07/20
1140	Multi User:	Rat, Mouse	Survival Surgery; Anesthesia, Euthanasia, Injections, Tissue Harvesting; SomnoSuite low flow vaporizer, does not require calibration	06/29/20	No Minor Issues	No Significant Issues	07/07/20
1160		Rat	Agent administration; Behavioral Testing;	06/29/20	No Minor Issues	No Significant Issues	07/07/20
1170	Multi-user:	Mouse, Rat	Anesthesia, Survival surgery (Also known as 166A) Perfusion done in 166B. Tail Cuff Blood Pressure Measurements, Injections, ultrasound	07/15/20	Cardboard box maintain on procedure room floor. - Please use plastic container for store items.  All components of the animal facility should be regularly cleaned and disinfected. Cardboard and other porous items such as cloth chairs should be removed (or covered with a sanitizable surface) as they cannot be appropriately disinfected.	No Significant Issues	08/05/20 07/21/20

1190			No Live Animals	Drugs and Logs	07/15/20	No Minor Issues	Raizada	Expired buprenax was found. Please appropriately dispose of expired materials (plan for reverse distribution for controlled substances) and create a drug inventory system to routinely monitor all substances used. Addressed on site.  Regulatory guidance for these deficiencies: no drugs, fluids, medical supplies or devices may be used beyond their expiration date on or in live animals (one exception: for acute terminal procedures, not including expired drugs or fluids) per UF IACUC Policy, USDA Animal Care Policy Manual."	07/15/20	07/21/20
1209			Mouse	Behavioral Studies	06/25/20	No Minor Issues		No Significant Issues		07/07/20
1210		ACS	Mice a	Housing	06/04/20	No Minor Issues		No Significant Issues		06/16/20
1217			Mouse, Rat	Behavioral testing	06/25/20	No Minor Issues		No Significant Issues		07/07/20
1220		Multi-user: ACS -	Mouse	Housing Plus: breeding, 2 HOODS	06/04/20	No Minor Issues		No Significant Issues		06/16/20
1230		Multi User;	Mouse, Rat	Behavioral Testing (negative pressure; neutral air floor and sealed from L5-122) Decapitation w/o anesthesia Euthanasia.; Oral Gavage; injections; phelbotomy	06/29/20	No Minor Issues		No Significant Issues		07/07/20

1231		Mouse, Ante Room Rat	06/29/20	No Minor Issues	No Significant Issues	07/07/20
1240		Mouse, Housing Plus Rat (up to 48 hrs.) Behavioral Testing (negative pressure; neutral air floor and sealed from L5-121)	07/15/20 Raizada	No thermos-hygrometer maintained in room used for animal procedures and short term housing (< 48 hrs), no current or previous room logs to support monitoring of room temperature is conducted when the room is occupied by animals (no animal present in the room at time of inspection)  Per the IACUC Policy "Policy for the Establishment of a Satellite Animal Facility - Housing Animals Outside of the Designated Laboratory Animal Housing Facilities Managed by ACS" "Temperature and humidity must be monitored and recorded on a daily basis to ensure adequate levels of these environmental factors are maintained in the study area." <a href="https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Policy-for-Housing-Animals-Outside-of-ACS-2017.pdf">https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Policy-for-Housing-Animals-Outside-of-ACS-2017.pdf</a>	No Significant Issues	08/05/20 07/21/20
1260		Rats Agent Administration, Behavioral Studies	07/08/20	No Minor Issues	No Significant Issues	07/21/20
1270		Mouse, Behavioral Rat Testing	07/01/20	No Minor Issues	No Significant Issues	07/07/20

1280			Rat	L5-126 is just the ante room; Agent Administration, Behavioral Studies are performed in L5-126 A and L5-126 B. This inspections report includes these two rooms as well.	07/08/20	No Minor Issues	No Significant Issues	07/21/20
1281			Rat	Behavioral Testing	07/08/20	No Minor Issues	No Significant Issues	07/21/20
1300			Rat, Mouse	Behavioral Testing; Smoke Chamber (L5-132 is animal transit only); Agent Admin.	06/25/20	No Minor Issues	No Significant Issues	07/07/20
1310	ACS - Multi: User		Mouse, Rat	Surgical Theater: anesthesia, euthanasia, non-survival surgery, injections Necropsy Room, CO2 Euthanasia, Perfusions	06/04/20	No Minor Issues	No Significant Issues	06/16/20
1320	ACS		No Live Animal	Storage: Cold room; carcass Storage:	06/04/20	No Minor Issues	No Significant Issues	06/16/20
1330	ACS		No Live Animals	Storage - Former Cagewash Room; dirty side	06/04/20	ACS Rusty ceiling access tile and light fixture	No Significant Issues	07/29/20 06/16/20



1340	Multi-user: ACS; [REDACTED]	Mouse	Housing - ACS Assigned	06/04/20	No Minor Issues	No Significant Issues	07/21/20
1350	Multi-user: ACS; [REDACTED]	Mouse	Housing Plus: 2 Hoods	06/04/20	No Minor Issues	No Significant Issues	06/16/20
1370	ACS	No Live Animals	Storage - Autoclave; Former Cagewash Room; clean side	06/04/20	No Minor Issues	No Significant Issues	06/16/20
1374	ACS	No Live	Animal RO water supply	06/04/20	No Minor Issues	No Significant Issues	06/16/20
1380	ACS	No Live Animals	Storage: gas cylinder Storage: area	06/04/20	No Minor Issues	No Significant Issues	06/16/20
1400	Multi-user: [REDACTED]	Rat	Behavioral Testing, Water Maze	06/25/20 [REDACTED]	No Minor Issues	No Significant Issues	07/07/20
1413	ACS	No Live	Storage: Chemical	06/04/20	No Minor Issues	No Significant Issues	06/16/20
1418	ACS	No Live	Custodian; PI Laundry	06/04/20	No Minor Issues	No Significant Issues	06/16/20
1420	Multi-user: [REDACTED]	Mouse, Rat	Holding animals, Monitoring	06/29/20	No Minor Issues	No Significant Issues	07/07/20
1421	[REDACTED]	Rat	Behavior Studies	06/25/20	No Minor Issues	No Significant Issues	07/07/20

1430	Multi-user:	Mouse, Rat	Behavioral Testing - smell	06/25/20	No Minor Issues	No Significant Issues	07/07/20
1440	Multi-user:	Mouse, Rat	Surgical Theater: anesthesia, survival surgery, euthanasia, non-survival surgery, injections	06/25/20	<p>1) The cloth heating pads cannot be appropriately sanitized. Please replace with a source that may be sanitized, or cover with foil or plastic material as discussed during the visit. Please note this was also discussed during the fall 2019 inspection as well.</p> <p>2) Efficacy of sanitization testing for Mauer lab is overdue (per the hycheck form in the room- 2019)</p>	No Significant Issues	06/30/20 07/07/20
1450	Multi-user:	Mouse, Rat	Behavioral Testing	06/25/20	No Minor Issues	No Significant Issues	07/07/20
1460	Multi-user:	Mouse, Rat	Gen. Procedure Room, Behavioral testing, >24hr housing. Water maze.	06/25/20	No Minor Issues	No Significant Issues	07/07/20
1480	Multi-user:	Mouse, Rat	Behavioral Testing	06/25/20	No Minor Issues	No Significant Issues	07/07/20

1500	Multi-user: [REDACTED]	Mouse, Rat	Behavioral Testing, Injections	06/25/20	No Minor Issues	No Significant Issues	07/07/20
1510	Multi-user: [REDACTED]	Mouse, Rat	Injections/infusions- Supplies, Drugs and logs, overnight temporary housing	06/25/20	No Minor Issues	No Significant Issues	07/07/20
1520	Multi-user: ACS; [REDACTED]	Rat	Housing Plus:	06/04/20	No Minor Issues	No Significant Issues	06/16/20
1530	ACS	No Live	Food Storage	06/04/20	No Minor Issues	No Significant Issues	06/16/20
1540	Multi-user: ACS; [REDACTED]	Rat	Housing Room	06/04/20	No Minor Issues	No Significant Issues	06/16/20
1550	Multi-user: ACS, [REDACTED]	Mouse, Rat	Housing Plus:	06/04/20	No Minor Issues	No Significant Issues	06/16/20
1560	ACS	Mouse	Housing	06/04/20	No Minor Issues	No Significant Issues	06/16/20

1580	Multi-user: AMRIS	Up to USDA approved and Mouse, Rat	LG-123 C and E: Anesthesia, Euthanasia, Imaging. LG-123 B: Euthanasia, pathogen/toxin, tissue harvesting, Injections, MRI procedures, tail catheterization, non-survival surgery, survival surgery	06/29/20	Hychecks are overdue. Please complete within two weeks of receipt of this report.  Efficacy of sanitization in animal housing spaces, procedure rooms, and equipment that is maintained by investigators will be monitored and documented every 6 months; per the UF IACUC and ACS guidelines based on recommendations from The Guide and the Animal Welfare Act. <a href="https://my.acs.ufl.edu/guidelines/VerificationofSanitizationofInvestigator.pdf">https://my.acs.ufl.edu/guidelines/VerificationofSanitizationofInvestigator.pdf</a>	No Significant Issues	07/21/20	07/21/20
1581		Mouse	Imaging; Non-Survival Surgery; 600 NMR; GE Hypersense	06/29/20	No Minor Issues	No Significant Issues		07/07/20
1600	ACS;	Multiple	Storage, Dog MRI Prep	06/04/20	No Minor Issues	No Significant Issues		06/16/20
1613		Mouse	Euthanasia, perfusions, tissue harvesting	06/29/20	The laminar flow hood is overdue for certification. In order to ensure a safe work area and that the hood is functioning properly, please schedule re-certification within two weeks of receipt of this report.	No Significant Issues	08/07/20	07/21/20
1615		mice	Live animal imaging, anesthesia	06/29/20	No Minor Issues	No Significant Issues		07/21/20
1616		Mouse	animal holding area	06/29/20	No Minor Issues	No Significant Issues		07/21/20

1650				Mouse, Rat, Axolotl	Injections, Euthanasia, Imaging, Anesthesia (Note to IACUC: will need to inspect it again if they will use Guinea Pig and Spiny mice - need 2 Inspectors)	06/29/20	No Minor Issues		No Significant Issues		07/07/20
1655				Mouse, Rat	Imaging; Anesthesia (Isoflurine), euethanasia, Vevo770 ECG-CTAC	06/29/20	No Minor Issues		No Significant Issues		07/07/20
1660		ACS		Multiple	LD: animals transit	06/04/20	No Minor Issues		No Significant Issues		06/16/20
11435				Mouse, rat	Behavioral testing	07/01/20	No Minor Issues		No Significant Issues		07/07/20

## Upload of Animal Research Laboratory Overview (ARLO) on 03/18/2021 Obtained by Rise for Animals Thursday, August 13, 2020 Page 84 of 138

Port Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
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11443		Lizard	Non-ACS Housing in chambers; Euthanasia	06/22/20		This room need to be added to Non-ACS housing list. The PI needs to be provided a copy of the Non ACS Housing policy. Completed	No Significant Issues	07/14/20	07/07/20
11444		Lizard	Thermal Experiments	06/22/20		No Minor Issues	No Significant Issues	07/07/20	

## Fisheries & Aquatic Sciences MLHPR AWAX 0544

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
10650				Fish	Anesthesia, Euthanasia & Tissue Sampling	06/18/20		No Minor Issues		No Significant Issues			07/21/20

## Medical Sciences MSB 0445

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
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6199	Rats, Rabbit - USDA	USDA - anesthesia, euthanasia, injections, tissue harvesting; drugs and logs	07/13/20	No Minor Issues	No Significant Issues	07/21/20
6220	Rabbit, Mouse - USDA	USDA - Anesthesia, Euthanasia, excimer laser and iontophoresis equipment , laser eye surgery,	07/13/20	No Minor Issues	No Significant Issues	07/21/20
6260	Mice, Rats	Euthanasia, cervical dislocation without anesthesia, guillotine	07/02/20	No Minor Issues	No Significant Issues	07/07/20
6280	Mice, Rats	Holding room for animals. Storage room/refrigerator/freezer/ULT freezer	07/02/20	No Minor Issues	No Significant Issues	07/07/20
6285	Mice, Rats	Weighing, holding, Euthanasia, cervical dislocation without euthanasia, guillotine	07/02/20	No Minor Issues	No Significant Issues	07/07/20
6290	Mouse, Rat,	Holding Room	07/01/20	No Minor Issues	No Significant Issues	07/07/20
6290	Mouse, Rat,	Holding Room	07/02/20	No Minor Issues	No Significant Issues	07/07/20

6300		Rat, Guinea Pig	USDA Euthanasia, Survival Surgery, Imaging, Hearing Test in Chamber	07/02/20	No Minor Issues	No Significant Issues	07/07/20
6325		None	Drug Storage & Log	07/02/20	No Minor Issues	No Significant Issues	07/07/20
6330		Rabbit, Mouse, Rat - USDA	USDA - Anesthesia, Euthanasia, Survival Surgery, tissue harvesting	06/29/20	No Minor Issues	No Significant Issues	07/21/20
6331		No Live	Drugs and Logs	07/13/20	No Minor Issues	No Significant Issues	07/21/20
6333		Mouse	Agent Administration (injections, gavage), Anesthesia, Euthanasia, Non survival surgery	07/02/20	No Minor Issues	No Significant Issues	07/21/20
6351		Mouse, Rat	Agent Administration (e.g. injections, gavage), Euthanasia, Drug/Animal Supplies Storage, Other, Anesthesia, Tissue Harvesting, Survival Surgery, Non-Survival Surgery, Imaging	07/02/20	1. Balance/scale need to be calibrated. 2. Hycheck slide needs for auto clave 3. Please lable bleach bottle with the date. 4. Oxygen cylinder need to be properly secured.  - 2 weeks from the receipt of this report.	No Significant Issues	08/06/20 07/21/20

6360		Mouse, Rat	Anesthesia (scavaged out bldg. vac.), Euthanasia, Injections, behavioral testing (seizures), survival surgery, non-survival surgery	07/02/20		Isoflurine Vaporizer calibration has expired. Please get this recalibrated within two weeks.	No Significant Issues	07/24/20	07/07/20
6370		Mouse, Rat	anesthesia (scavaged out bldg. vac), euthanasia (rat with guillotine), tissue harvesting, EEG	07/02/20		1. Isoflurine vaporizer calibration has expired. Please get this recalibrated within two weeks. 2. Guillotine need to be sharpened - 2 weeks from receipt of this report.	No Significant Issues	07/24/20	07/21/20
6378		Mouse	Anesthesia, Euthanasia, Tissue Harvesting (Darkroom)	07/02/20		No Minor Issues	No Significant Issues		07/07/20
6415		Rat	Perfusion (Fume Hood)	07/02/20		No Minor Issues	No Significant Issues		07/21/20
6520		Mouse	Activities in HOOD ONLY: anesthesia, euthanasia, non-survival surgery, tissue harvesting, perfusion (inspect vaporizer in CG-091). Can enter through MG-016 but door is locked	07/02/20		No Minor Issues	No Significant Issues		07/07/20

6543			Mouse	Perfusion with toxic and without toxic substance, Bleeding, Anesthesia, Tissue Harvesting	07/02/20		No Minor Issues	No Significant Issues	07/07/20
6568			Mouse, Rat	Agent Administration (e.g. injections, gavage) Imaging (MRI, X-Ray, etc.)	07/02/20		Hycheck slide tests required and the results need to be maintained in the lab. Please contact [REDACTED] of ACS regarding this matter. Please correct within two weeks.	No Significant Issues	07/30/20 07/21/20
6590			Mouse, Rat	Euthanasia, phlebotomy, behavioral testing, injections; Habituation; perfusion; anesthetization; microdialysis; Drugs and logs in P1-29	07/02/20		No Minor Issues	No Significant Issues	07/21/20
6612		Multi-user: [REDACTED]	Mouse, Rat	Anesthesia, Euthanasia, Injections, Tissue Harvesting, non-survival surgery, survival surgery, Perfusion (?)	07/02/20		No Minor Issues	No Significant Issues	07/21/20
6630		Multi-user: ACS; [REDACTED]	Mouse, Rat	operant chamber , housing Plus (ACS provide cage cleaning and water)	07/02/20	ACS	Expired virkon and ethanol were found. Disposed on site.	No Significant Issues	07/02/20 07/21/20
6640		[REDACTED]	Rat	Euthanasia (decap), Tissue Harvesting [currently all work in P2-07, perfusion p2-07A	07/02/20		No Minor Issues	No Significant Issues	07/07/20



6649		Mouse, Rat	Anesthesia; Survival Surgery	07/02/20	No Minor Issues	No Significant Issues	07/21/20
6660		Mouse, Rat	Anesthesia, Euthanasia, Tissue Harvesting, Perfusion with non-toxic substances; (Drugs and logs)	07/02/20	No Minor Issues	No Significant Issues	07/21/20
6661		Rat	Anesthesia, Survival Surgery, Drugs & Log	07/02/20	DEA licence is not up to date. Please address this concern 2 weeks from receipt of this report.	No Significant Issues	07/21/20 07/21/20
6663		Mouse, Rat	Agent Administration (e.g. injections, gavage) Behavioral Testing Bleeding	07/02/20	No Minor Issues	No Significant Issues	07/07/20
6664		Mouse, Rat	Perfusion with Toxic Substances Agent Administration (e.g. injections, gavage) Perfusion without Toxic Substances Non-Survival Surgery Euthanasia Drug/Animal Supplies Storage Bleeding Anesthesia Tissue Harvesting Survival Surgery	07/02/20	Isoflurane vaporizer calibration has expired. Please label the equipment as "Do not use until recalibrated" and arrange for the calibration to be completed. Please comply within two weeks.	No Significant Issues	07/30/20 07/21/20

6665		Mouse, Rat	Euthanasia, Survival Surgery, Non-survival surgery, injections, bleeding. The only animal procedures are done in the hood in P3-09B	07/02/20		Isoflurane vaporizer calibration has expired. Please label the equipment as "Do not use until recalibrated" and arrange for the calibration to be completed. Please comply within two weeks.	No Significant Issues		07/22/20	07/21/20
6667		Mouse, Rat	Agent Admin., Anesthesia, Euthanasia, Non-Survival Surgery, Survival Surgery	07/02/20		No Minor Issues	No Significant Issues			07/07/20
6711		Mouse, Rat	Agent Administration (e.g. injections, gavage) Behavioral Testing	07/13/20		Hycheck slide tests required. Please contact [redacted] of ACS for this matter.	No Significant Issues		07/30/20	07/21/20
6775		Mouse	Agent Administration (e.g. injections, gavage), Non-Survival Surgery, Euthanasia, Bleeding, Anesthesia, Tissue Harvesting	07/02/20		1. Please lable bleach and alcohol bottles with a made on or expiry date on it. - 2. Expired surgical gloves. Please dispose immediately or label as expired and keep segregated in a separate container or area labled "expired materials only".	No Significant Issues		08/06/20	07/21/20

## Nuclear Science NSC 0634

Port Excel	Area Room#	Respon sible PI	Other PI/St	Species	Procedures	Date of Inspection	Respon - sible for	Minor Issues	Respon - sible for	Significant Issues	Time Frame	Date Correcte d /	FC Approval Inspection
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11500

Mouse, Spiny Mice  
Non Survival Surgery, Euthanasia, Tissue Harvesting

06/24/20

Simmons

CO2 was not medical/pharmaceutical grade. Per the IACUC Policy For the Use of Medical Grade Gases in Animal Research  
Medical grade gases are regulated as finished pharmaceuticals and meet federal requirements to assure safety, identity, strength, quality and purity. Medical grade gases may be designated by the terms "USP," "Medical grade" or "Medical NF." Current standards for the veterinary care of research animals state that pharmaceutical grade medications should be used for routine medical treatment including anesthesia and euthanasia.

No Significant Issues

07/08/20 07/07/20

## Progress Park / Sid Martin BDI PRPK 1040

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
6975		ACS		No Live Animals	Procedure Space - Currently used for Storage	06/08/20		No Minor Issues		No Significant Issues			06/16/20
6982		ACS		No Live Animals	Drug Storage - this is closet in hallway between the doors of rooms A108 and A106. No number for closet.	06/08/20		No Minor Issues		No Significant Issues			06/16/20
6985		ACS		No Live Animals	PPE Storage	06/08/20		No Minor Issues		No Significant Issues			06/16/20
6990		ACS		No Live Animals	Necropsy	06/08/20		No Minor Issues		No Significant Issues			06/16/20
7000		ACS		No Live Animals	Necropsy prep, Autoclave (Not in Service),	06/08/20		No Minor Issues		No Significant Issues			06/16/20
7010		ACS		No Live Animals	Storage: cold room for carcass Storage:	06/08/20		No Minor Issues		No Significant Issues			06/16/20
7020		ACS		No Live Animals	Storage: Feed	06/08/20		No Minor Issues		No Significant Issues			06/16/20
7030		ACS		No Live Animals	Storage:	06/08/20		No Minor Issues		No Significant Issues			06/16/20

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7040	ACS	No Live	Bio Hazard Storage	06/08/20	No Minor Issues	No Significant Issues	06/16/20
7060	ACS	Multiple species - USDA	Housing: Not conditioned also round barn and chutes. Approved for non-aerosol ABSL2	06/08/20	No Minor Issues	No Significant Issues	06/16/20
7070	ACS	Multiple species : USDA	Housing: Conditioned; Minor Procedures / Euthanasia, Tissue Harvesting, Round Barn: North Stalls Receiving	06/08/20	No Minor Issues	No Significant Issues	06/16/20
7080	ACS	No Live	ACS Laundry	06/08/20	No Minor Issues	No Significant Issues	06/16/20
7090	ACS	No Live	Storage:	06/08/20	No Minor Issues	No Significant Issues	06/16/20
7100	ACS	Multiple species - USDA	Conditioned Housing rooms: 101, 102, 103,104, 105, 106,107,108,	06/08/20 ACS	105 - Metal Plate removed from the wall. Please replace. Wall needs to be repainted 106 - Ceiling needs attention - sprinkler heads. Wall plate rusted, replace 104, 107 & 108 - Wall plate rusted. Replace. Please check all rooms. Please have a work order number in to the IACUC within two weeks.	No Significant Issues	07/29/20 07/07/20

Progress Park / Sid Martin BDI PRPK 1042

Port Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
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6790			Mouse	Lacerta Pharmaceuticals Procedure Space; Agent Administration, Anesthesia, Euthanasia, Non-Survival Surgery, Survival Surgery, Tissue Harvesting; Drugs and supplies.	06/08/20	No Minor Issues	No Significant Issues	07/21/20
6808	ACS		No Live Animals	Storage: Cold room; food & bedding plus 010 custodial room	06/08/20	No Minor Issues	No Significant Issues	06/16/20
6810	ACS		No Live	Dirty Storage	06/08/20	No Minor Issues	No Significant Issues	06/16/20
6820	ACS		No Live	Storage - Clean	06/08/20	No Minor Issues	No Significant Issues	06/16/20
6830	ACS		Mouse,	Housing	06/08/20	No Minor Issues	No Significant Issues	06/16/20
6840	ACS / Axogen :		Mouse, Rat	Functional testing and Supply Storage	06/08/20	No Minor Issues	No Significant Issues	06/16/20
6850	ACS /		No live animals	Perfusion with Toxic Substances, Non-Survival Surgery, Euthanasia, Anesthesia, Tissue Harvesting	06/08/20	No Minor Issues	No Significant Issues	06/16/20
6860	ACS		Rats	Housing	06/08/20	No Minor Issues	No Significant Issues	06/16/20



6870	ACS	No Live	Drug and supplies storage.	06/08/20	No Minor Issues	No Significant Issues	07/21/20
6880	ACS	No Live	Storage	06/08/20	No Minor Issues	No Significant Issues	06/16/20
6890	ACS; Karaca	chicken	Housing	06/25/20	No Minor Issues	No Significant Issues	07/21/20
6900	ACS	Chicken	Housing - Chicken	06/25/20	No Minor Issues	No Significant Issues	07/21/20
6910	ACS /	Chicken	Oral Meds Administration, Euthanasia and Tissue Harvesting	06/25/20	No Minor Issues	No Significant Issues	07/21/20
6920	ACS	Multiple	LD: animals transit	06/08/20	No Minor Issues	No Significant Issues	06/16/20

## Psychology PSYCH 0749

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Response for	Minor Issues	Response for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
7320		ACS		rats; mi	Euthanasia	06/05/20		No Minor Issues		No Significant Issues			06/16/20
7350		ACS:		Mouse,	Storage	06/05/20		No Minor Issues		No Significant Issues			06/16/20
7370		Multi-user:		Mouse, Rat	Anesthesia, Euthanasia, Survival Surgery, Tissue Harvesting, Saline Perfusion	06/24/20		Expired alcohol prep pads were found.		No Significant Issues			07/21/20
									Per the IACUC Policy on Expired Drugs, Supplies, and Materials for Us on of In Animals expired drugs, fluids, medical supplies and devices cannot be used on or in live animals. All expired drugs, fluids, medical supplies and devices must be marked expired and separated from in-date drugs/materials or must be discarded on or before their date of expiration. The IACUC recommends that each laboratory establish an inventory procedure to facilitate identification and discarding of expired drugs, fluids, dilutions, mixtures, medical supplies, materials, and devices. An effective inventory system should be established to detect and dispose of expiring or expired medical materials.				

7380	ACS	No Live	Clean Storage	06/05/20	No Minor Issues	No Significant Issues	06/16/20
7390		Mouse, Rat	Perfusion with Toxic Substances in hood	06/24/20	*Reoccurring Issue* In perfusion room, there is a large table used for tissue harvest that appears to be made of wood with peeling surface. No matter if live or deceased animals are used in the space, surfaces should be impervious and sanitizable from a human health perspective. If truly wood, painting or sealing it's surface may improve durability. Please discuss options with appropriate facility maintenance staff, and respond with a plan within 14 days of receipt of this report.	No Significant Issues	07/21/20
7410		Mouse	Behavioral Testing, operant chambers. Remember to check for peeling paint on behavior boxes. Check room - Storage / Supplies.	06/24/20	No Minor Issues	No Significant Issues	07/07/20

7420		No Animal s	Drugs and logs	06/24/20		Expired cavicide was found	No Significant Issues	07/21/20
						Per the IACUC Policy on Expired Drugs, Supplies, and Materials for Us on of In Animals expired drugs, fluids, medical supplies and devices cannot be used on or in live animals.All expired drugs, fluids, medical supplies and devices must be marked expired and separated from in-date drugs/materials or must be discarded on or before their date of expiration. The IACUC recommends that each laboratory establish an inventory procedure to facilitate identification and discarding of expired drugs, fluids, dilutions, mixtures, medical supplies, materials, and devices. An effective inventory system should be established to detect and dispose of expiring or expired medical materials.		
7421		Mouse, Rat	Behavioral Testing, Operant Chambers	06/24/20		No Minor Issues	No Significant Issues	07/07/20
7430		Mouse, Rat	Behavioral Testing	06/24/20		Chipped paint/exposed wood on the behavioral boxes. All surfaces must be santizable.	No Significant Issues	07/21/20
7440		Mouse, Rat	Corridor, animal transit	06/05/20		No Minor Issues	No Significant Issues	06/16/20
7450		Mouse	Housing; Behavioral Testing	06/05/20		Cracks in floor, exposing concrete which compromises the ability to effectively disinfect room.	No Significant Issues	07/11/20 07/07/20
7460		Mouse	Behavioral Testing	06/05/20		No Minor Issues	No Significant Issues	06/16/20
7470		Mouse	Housing; Behavioral Testing	06/05/20		Cracks in floor, exposing concrete which compromises the ability to effectively disinfect room.	No Significant Issues	07/11/20 07/07/20

7480	Mouse	Housing; Behavioral Testing	06/05/20	No Minor Issues	No Significant Issues	06/16/20
7490	Mouse	Housing Plus: Behavioral Testing	06/05/20	No Minor Issues	No Significant Issues	06/16/20
7500	Mouse	Behavioral Testing	06/05/20	No Minor Issues	No Significant Issues	06/16/20
7510	No Live	Storage; Cage Wash	06/05/20	No Minor Issues	No Significant Issues	06/16/20
7530	Rodent	Housing	06/05/20	No Minor Issues	No Significant Issues	06/16/20
7540	Rodent s	Housing; Environmental Chamber	06/05/20	No Minor Issues	No Significant Issues	06/16/20
7550	Mouse, Rat	Housing, Behavior testing	06/05/20	No Minor Issues	No Significant Issues	06/16/20
7560	Mouse, Rat	Housing Plus: Behavioral Testing	06/24/20	No Minor Issues	No Significant Issues	07/07/20
7570	Mouse,	Housing	06/05/20	No Minor Issues	No Significant Issues	06/16/20
7600	Mouse,	Housing	06/05/20	No Minor Issues	No Significant Issues	06/16/20
7620	Multi-user: ACS;	Procedure, euthanasia	06/05/20 ACS	Cracks in floor paint exposing concrete and holes in wall which compromises the ability to effectively disinfect room.	No Significant Issues	07/29/20 07/07/20
7630	Mouse, Rat	Although this is a Corridor; inspect food storage, animal weighstation and drugs.	06/24/20	No Minor Issues	No Significant Issues	07/07/20
7640	Mouse, Rat	Housing Plus	06/24/20	No Minor Issues	No Significant Issues	07/07/20

7650			Mouse, Rat	Housing Plus: Behavioral Testing	06/24/20	No Minor Issues	No Significant Issues	07/07/20
7660	Multi-user: ACS;		Mouse, Rat	Housing Plus: Behavioral testing	06/05/20	No Minor Issues	No Significant Issues	07/07/20
7670			Mouse, Rat	Anesthesia, Euthanasia, behavioral testing, injections, tissue harvesting.	06/24/20	No Minor Issues	No Significant Issues	07/07/20
7680	ACS		No Live Animals	food storage-485 supplies-485B Office-485A	06/05/20	No Minor Issues	No Significant Issues	06/16/20
7690	ACS:		No Live	Storage	06/05/20	No Minor Issues	No Significant Issues	07/21/20
7710	ACS		Mouse, Rat	Housing & Behavior Testing	06/24/20	No Minor Issues	No Significant Issues	07/07/20
7720			Mouse, Rat	Behavior Testing- Elevated Plus Maze	06/24/20	Ceiling paint is chipping, all surfaces must be sanitizable, please repaint.	No Significant Issues	07/29/20 07/21/20
7730			Mouse, Rat	Behvavioral Testing - Startle chambers	06/24/20	No Minor Issues	No Significant Issues	07/21/20
7740	ACS		No Live	Clean Storage	06/05/20	No Minor Issues	No Significant Issues	06/16/20
7750	ACS		No Live	Storage: Dirty Equipment	06/05/20	No Minor Issues	No Significant Issues	07/07/20
7760	ACS		Mouse, Rat	LD: animals transit	06/05/20	No Minor Issues	No Significant Issues	06/16/20

Space Life Sci. Lab Merrit Island SPACE LIFE 9999	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
9805				Bobtail Squid	Housing	06/09/20		Woods (marine treated plywood) used have to be sealed.		No Significant Issues		08/04/20	06/16/20



## ARF Fish Environment and Human Toxicology TRF 0118

Sort Excel	Area Room#	Respon sible PI	Other PI/St	Species	Procedures	Date of Inspection	Respon - sible for	Minor Issues	Respon - sible for	Significant Issues	Time Frame	Date Correcte d /	FC Approval Inspection
9709				Fish	Housing, Euthanasia, Injection, Behavior Testing	06/22/20		The following notes describe issues for all animal rooms in the facility. Many improvements have been made. There are previously noted concerns that are still in-progress. As we discussed, please consult with Facilities about the open ceiling, windows, and torn window screens; create SOP for pest control program; develop plans for maintaining recent repairs (including the sealed floors, painted brick, sealed wooden surfaces, and rust removal); ensure the Sick List is submitted daily when animals are present. Please make plans to schedule room ventilation re-testing (HVAC test and balance assessment), as this is due for the facility. Continue to refer to the Housing Animals Outside of ACS Policy for guidance on facility management.  Please provide update in regards to each item within two weeks receipt of this report.		No Significant Issues		08/05/20	08/04/20
9710				Fish	Housing, Euthanasia, Injection, Behavior Testing	06/22/20		No Minor Issues		No Significant Issues			08/04/20

9720		Fish	Zebrafish housing, Euthanasia, Behavior Testing	06/22/20	No Minor Issues	No Significant Issues	08/04/20
9730		Fish	Housing	06/22/20	No Minor Issues	No Significant Issues	08/04/20

### CVM Teaching Hospital VCS 0211







Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
8308		Multi-User		Dog, Cat	Animal Holding Area	06/19/20		No Minor Issues		No Significant Issues			07/07/20
8309		Multi-User		Dog, Cat	Animal Holding Area	06/19/20		No Minor Issues		No Significant Issues			07/07/20
8310		Multi-User		Dog, Cat	Treatment area	06/19/20		No Minor Issues		No Significant Issues			07/07/20
8311		Multi-User		Dog, Cat	Treatment Area	06/19/20		No Minor Issues		No Significant Issues			07/07/20

### CVM Teaching Hospital VCS 0215

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
8230		Multi-user		Dog, Cat	force-plate testing, physical exams	06/19/20		No Minor Issues		No Significant Issues			07/07/20
8271		Multi-user:		Dog, Cat	Holding room < 12 hours (vestibule to 45 suite with cages) bleeding	06/19/20		No Minor Issues		No Significant Issues			07/07/20

8272			Dog, Cats	Holding area	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8290			Dog, Cat	Treadmill, physical exams, Bleeding	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8306	Multi-User		Dog, Cat	Treatment Area	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8307	Multi-User		Dog, Cat	Dental Suite	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8440			Dog	Hyperbaric Chamber, injections, bleeding and survival surgery (biopsies)	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8450	Multi-user:		Dog	Acupuncture	06/19/20	Expired Capillary Tubes - May 31, 2020. Please dispose.	No Significant Issues	07/23/20 07/07/20
8470	Multi-user:		Dog	Acupuncture, phelbotomy, [endless pool and Water treadmill in back (VH-52A)] Laser Therapy	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8480	Multi-user:		Dog	Endless pool and two water treadmills	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8485	Multi-user:		Multiple species - USDA	Anesthesia, Euthanasia, non survival surgery, survival surgery (Minor), echocardiography	06/19/20	No Minor Issues	No Significant Issues	07/07/20

8486	Multi-user:	Multipl e species - Torto is e, Turtles, snake	Housing Plus: (VH-53H is outside enclosure)	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8528	Multi User:	Cat, Dog	Holding; ECG (Clinical Protocols Only no covered species)	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8550	Multi-user	Dog, Cat	Vestible, transit and storage	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8560	Multi-user:	Dog, Cat	Prep Room, ECG, Anesthesia, Imaging	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8570	Multi-user:	Dog, Cat	OR - Survival Surgery, anesthesia	06/19/20	No Minor Issues	No Significant Issues	07/07/20

8634			Dog	Exam, Phelbotomy note: 17A and 17B is one room, 2 doors	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8660		Multi- user:	Multipl e species - USDA	Radiograph Room	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8670		Multi- user:	 Multipl e species - USDA	Radiograph Room	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8680		Multi- user:	Multipl e species - USDA	Survival Surgery: fluro special procedures (X ray); (back-up Cardiac catherization for SAH 288)	06/19/20	No Minor Issues	No Significant Issues	07/07/20

8690	Multi-user:	Multiple species - USDA	Survival Surgery: fluoro special procedures (X ray)	06/19/20	No Minor Issues	No Significant Issues	07/07/20
8700		Dog	Holding/housing post NM scan for approximately 6 hours.	06/19/20	No Minor Issues	No Significant Issues	07/07/20
11445	Multi-user:	multiple species	ultrasound, injections, X-ray	06/19/20	No Minor Issues	No Significant Issues	07/21/20

## Vehicles VMAW 1017

Port Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
7970		Multi-user:		Dog	Transportation #3120: Small Animal Clinical Sciences lic # 35630	06/26/20		No Minor Issues		No Significant Issues			07/07/20



7971	Multi-user cc:	Mouse, Rat	Transport - PT Cruiser YB570	06/26/20	No Minor Issues	No Significant Issues	07/07/20
7973	Multi-cc:	Mouse, Rat	Transportation; Tag #36253	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8032		Mouse	CO2 canister and dispenser equipment is in the adjacent room - V3-204. PLEASE CHECK. Euthanasia; Tissue Harvesting	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8090		Multiple species - USDA	Non-survival surgery: demonstration classes (Drugs and logs done with ERP)	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8095	Multi-Users:	No Live Animals	Autoclave	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8100	Multi-user:	Multiple species - USDA	Holding and Exam Area 226; A and B: Housing >12 hour	06/26/20	No Minor Issues	No Significant Issues	07/07/20

8110	Multi-user: [REDACTED]	[REDACTED]	Multiple species - USDA	Anesthesia, surgery prep area, minor procedures, drugs and supplies.	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8120	[REDACTED]	[REDACTED]	No Live Animal s	surgery scrub room - animals transit	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8130	Multi-user: [REDACTED]	[REDACTED]	Multiple species - USDA	Anesthesia, Euthanasia, Non-Survival Surgery, injections, survival surgery, phlebotomy, tissue harvesting, ultra sound	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8132	Multius er: [REDACTED]	[REDACTED]	Dog, multiple species	Clinical Skills Lab: Main room - [REDACTED] [REDACTED] [REDACTED] Physical Exam	06/26/20	No Minor Issues	No Significant Issues	07/07/20

8133	[REDACTED]	Multispecies:	[REDACTED]	Dog, multiple species	Clinical Skills Lab: Main room - V2-126, Side rooms- V2-122, 123, 124, 125. Physical Exam	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8134	[REDACTED]	Multispecies:	[REDACTED]	Dog, multiple species	Clinical Skills Lab: Main room - V2-126, Side rooms- V2-122, 123, 124, 125. Physical Exam	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8135	[REDACTED]	Multispecies:	[REDACTED]	Dog, multiple species	Clinical Skills Lab: Main room - V2-126, Side rooms- V2-122, 123, 124, 125. Physical Exam	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8136	[REDACTED]	Multispecies:	[REDACTED]	Dog	Clinical Skills Lab: Main room - V2-126, Side rooms- V2-122, 123, 124, 125. Physical Exam	06/26/20	No Minor Issues	No Significant Issues	07/07/20

8137		Mouse	Euthanasia (Isoflurane under hood); Tissue Harvesting	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8138		No Live Animal	Drugs and Logs	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8139		Cat, dog	Housing	06/26/20	No Minor Issues	No Significant Issues	06/16/20
8182		No Live Animal	CURRENTLY NO DRUGS - Drugs & Logs	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8183		Mouse, Rat	Anesthesia, Euthanasia, Phelbotomy, Tissue Harvesting; Drugs & logs	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8185		Mice	CO2 Euthanasia	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8187		Mouse	Euthanasia, Tissue Harvesting, Bleeding, Anesthesia	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8188		Mouse, Rat	Euthanasia CO2, Tissue Harvesting	06/26/20	No Minor Issues	No Significant Issues	07/07/20

### Equine Acupuncture Center VMEAC 9999

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
9911				Horse	9588 W. Hwy 318 - Reddick, FL 32686 Acupuncture, Imaging	06/10/20		No Minor Issues		No Significant Issues			06/16/20

### CVM LAH:Food Animal Clinic VMEH 0216

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
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8948	Multi- [REDACTED]	USDA: Cattle	East stalls VF-10: Housing and Palpations on animals	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8949	Multi-user: [REDACTED]	Sheep, Goats	Housing Plus: Injections, Bleeding (stalls VF 16,17,18,19,__, 21, 22, 23 with shavings bedding, haynet and water tub)	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8950	Multi user: [REDACTED]	Cattle	Phlebotomy;	06/26/20	No Minor Issues	No Significant Issues	07/07/20

### CVM LAH: Stallion Reproduction Barn VMEH 1016

Sort Excel

Area	Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
8936		Multi-user:		Horse	Minor procedures - Stalls: VT-2, 3, 6, 7.	06/26/20		No Minor Issues		No Significant Issues			07/07/20

### CVM Teaching Hospital VMEH 1018

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
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8732	Multi-user: [REDACTED]	Horse	Treadmill, injections, minor procedures, meds and supplies	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8740	Multi-user: [REDACTED]	Horse	receiving stalls, examination area	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8760	Multi-user: [REDACTED]	Horse	exams, palpations, recovery, sonography, endoscopy	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8770	Multi-user: [REDACTED]	Horse, Goat	SCS: Anesthesia, survival surgery, fluid collection, phelbotomy, tissue harvesting	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8780	Multi-user: [REDACTED]	Horse	SCS: Anesthesia, survival surgery, fluid collection, phelbotomy, tissue harvesting	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8790	Multi-user: [REDACTED]	Horse, Goat	SCS: Horse surgery room, anesthesia, survival surgery, non-survival surgery(2061)	06/26/20	No Minor Issues	No Significant Issues	07/07/20



8800	Multi-user:	Horse, Goat	SCS: Horse surgery room, anesthesia, survival surgery, non-survival surgery	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8810	Multi-user:	Horse, Goat, cow	Recovery Stall, anesthesia, euthenasia, phelbotomy, tissue harvesting, minor survival surgery, induction for non-survival surgery(2061)	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8820	Multi-user:	Horse	Housing: receiving stalls	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8830	Multi-user:	Multiple species - USDA, turtles, rat	Imaging: MRI; anesthesia	06/26/20	No Minor Issues	No Significant Issues	07/07/20

8850	Multi-user:	Horse	Minor procedures, Imaging: x-ray	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8860	Multi-user:	Horse	Exam and general procedures	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8870	Multiple species - USDA - Dog, Horse	Multiple species - USDA - Dog, Horse	anesthesia, scintigraphy	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8880	Multi-user:	Horse, Goat	Housing	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8890	Multi-user:	Horse	Ophthalmology exams	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8900	Multi-user:	Multiple species : Mouse, Rat	Imaging: CT scans	06/26/20	No Minor Issues	No Significant Issues	07/07/20

8920	Multi-user:	Horse	Housing Plus:	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8930	Multi-user:	Horse	Housing Plus: (ICU)	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8933	Multi-user:	No Live Animals	Meds and supplies	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8934		Dogs, Cats, Alligators	Imaging; Small animal anesthesia; Needle biopsy; Recovery from anesthesia	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8935	Multi-user:	Horse	Open corner - across from VE-188: Injections, bleeding, sonography, endoscopy, physical examinations, palpitations	06/26/20	No Minor Issues	No Significant Issues	07/07/20
8937		Cattle	Tilt Chute - Usage demonstration	06/26/20	No Minor Issues	No Significant Issues	07/07/20

8946		Multi-user: cc		Horse	Anesthesia: field demonstration area	06/26/20		No Minor Issues		No Significant Issues			07/07/20
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### CVM LAH: Reproduction Barn C VMEH 1019

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
8940		Multi-user:		Horse, Dog	Equ Barn C: VR-103 Reproduction procedures: collection	06/26/20		No Minor Issues		No Significant Issues			07/07/20
8941		Multi-user:		Horse, Dog	Equ Barn C: VR-102 Reproduction procedures - minor including phelbotomy, sonography	06/26/20		No Minor Issues		No Significant Issues			07/07/20
8942				Dog	Room V4-104 - Reproduction Procedures	06/26/20		No Minor Issues		No Significant Issues			07/07/20

### CVM LAH: Equine Barn A VMEH 1020

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
8944		Multi-user:		Horse	Housing Plus: minor procedures - stalls VP-....	06/26/20		No Minor Issues		No Significant Issues			07/07/20

### CVM LAH: Equine Barn B VMEH 1021

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
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Uploaded to Animal Research Laboratory Overview (ARLO) on 03/18/2021

[illegible]

Port Excel	Area Room#	Respon sible PI	Other PI/St	Species	Procedures	Date of Inspection	Respon - sible for	Minor Issues	Respon - sible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
9120		ACS		Dogs	Housing	06/08/20		No Minor Issues		No Significant Issues			07/21/20

9121	ACS		Dogs	Sample Collection, Minor Procedures	06/08/20	<p>1) Expired glucose strips (2018) found. No drugs, fluids, medical supplies or devices may be used beyond their expiration date on or in live animals; they must be marked expired, separated from other materials, and/or discarded (one exception: for acute terminal procedures, not including expired drugs or fluids) per UF IACUC Policy and the USDA Animal Care Policy Manual. Please complete within two weeks of receipt of this report. <a href="https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf">https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf</a></p> <p>2) Please label chlorhexidine spray bottle with made/expiration dates within two weeks of receipt of this report. Per UF IACUC Policy, diluted drugs prepared aseptically and stored in sterile vials must be discarded within 30 days or the expiration date of original stock, whichever is earlier. If you have published data indicating the dilution is stable for longer than 30 days, please provide reference. <a href="https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Policy-for-Use-of-Anesthetic-Cocktails-and-Diluted-Drugs-in-Laboratory-Animals-11-15-16.pdf">https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Policy-for-Use-of-Anesthetic-Cocktails-and-Diluted-Drugs-in-Laboratory-Animals-11-15-16.pdf</a></p>	No Significant Issues	07/29/20	07/21/20
9128	ACS		Dogs	Housing - Animal Holding Area	06/08/20	No Minor Issues	No Significant Issues		06/16/20
9129	ACS		Dogs	Sample collection, Minor Procedures	06/08/20	No Minor Issues	No Significant Issues		06/16/20



9150	Multi-user: ACS; [REDACTED]	Dog, Cat	Anesthesia, Euthanasia, Survival Surgery; Tissue Harvesting, skin biopsy, intradermal skin testing, Phlebotomy, Injections, bathing dogs	06/08/20	No Minor Issues	No Significant Issues	07/21/20
9160	ACS	No Live	Playroom	06/08/20	No Minor Issues	No Significant Issues	06/16/20
9161	ACS	Dogs	Procedures	06/08/20	No Minor Issues	No Significant Issues	06/16/20
9162	ACS	Dogs	Housing & Procedures	06/08/20	No Minor Issues	No Significant Issues	06/16/20
9165	ACS	No Live	Storage: Feed Room	06/08/20	No Minor Issues	No Significant Issues	06/16/20
9180	ACS	Dog	Playroom	06/08/20	No Minor Issues	No Significant Issues	06/16/20
9190	ACS	Cat, dog	Storage, housing	06/08/20 ACS	The cast iron piping in the back of the room is rusted. Please provide a plan and estimated timeline for removal and/or paint/other sealing within two weeks of receipt of this report.	No Significant Issues	07/30/20 07/21/20
9200	Multi-user: ACS	Dog	Storage	06/08/20	No Minor Issues	No Significant Issues	06/16/20
9210	ACS	Dog	Housing	06/08/20 ACS	There is an unmounted oxygen cylinder in this room. Please secure the cylinder for personnel and animal safety. Please provide response with plan and timeline within two weeks receipt of this report.	No Significant Issues	07/27/20 07/21/20
9220	ACS: [REDACTED]	Dog	Housing	06/08/20	No Minor Issues	No Significant Issues	06/16/20
9230	ACS	No Animal	Storage	06/08/20	No Minor Issues	No Significant Issues	06/16/20
9241	ACS	Dog	housing	06/08/20	No Minor Issues	No Significant Issues	07/21/20

9242	Multi-user: ACS;	Dog	Housing Plus: Allergen Challenge, (Application of peanuts?) and CADESIs, drug administration (pills?), Phelbotomy.	06/08/20	No Minor Issues	No Significant Issues	07/21/20
9250	ACS	Dog	Storage; Dirty Supplies	06/08/20	No Minor Issues	No Significant Issues	06/16/20
9260	ACS	No Live	Storage: Clean Caging Storage	06/08/20	No Minor Issues	No Significant Issues	06/16/20
9270	ACS	Mouse,	Breakroom	06/08/20	No Minor Issues	No Significant Issues	06/16/20
9280	ACS	Mice, R	Procedure	06/08/20	No Minor Issues	No Significant Issues	06/16/20
9289	Multi-user: ACS;	Mouse, Rat	Vestible-capable of ABSL2: Euthanasia (CO2), supplies	06/08/20	No Minor Issues	No Significant Issues	06/16/20
9290	Multi-user: ACS;	Mouse, Rat	Housing	06/08/20	No Minor Issues	No Significant Issues	06/16/20

9300	Multi-user: ACS; [REDACTED]	Mouse, Rat	Housing Plus - Negative Pressure Room capable of ABL52. One hood.	06/08/20	No Minor Issues	No Significant Issues	06/16/20
9310	ACS	No Live	Autoclave; RO System	06/08/20	No Minor Issues	No Significant Issues	06/16/20
9320	Multi-user: [REDACTED]	Mouse / Rat	Housing (VM-26 is vestibular with supplies to be checked. Please note that euthanasia with CO2 is also performed in VM-26)	06/08/20	No Minor Issues	No Significant Issues	06/16/20
9330	Multi-user: [REDACTED]	Mouse	Housing	06/08/20	No Minor Issues	No Significant Issues	06/16/20
9340	Multi-user: ACS, [REDACTED]	Mouse, Rat	Housing Plus: (VM-28 is vestibular with supplies. Please note that euthanasia with CO2 is also performed in VM-28)	06/08/20	No Minor Issues	No Significant Issues	06/16/20
9350	Multi-user: ACS; [REDACTED]	Mouse	Housing Plus: Injections, Bleeding, Oral immunizations and BoNT challenges	06/08/20	No Minor Issues	No Significant Issues	07/21/20
9355	ACS	Dogs	Storage	06/08/20	No Minor Issues	No Significant Issues	06/16/20

9361		ACS		Dog	14- east play yard; 15- south play yard	06/08/20	No Minor Issues		No Significant Issues		06/16/20
9370		Multi-user: ACS;		Multiple species	LD: animals transit	06/08/20	No Minor Issues		No Significant Issues		06/16/20

## CVM ERP: Outlying VMOUT 0218

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
9450		Multi-user: ERP;		Horse, Cattle, Goat, Sheep	Housing Plus: Minor Procedures: reproductive work, teaching:ERP (ERP medical Records and Drugs and Logs checked in office e.g. )	06/18/20		No Minor Issues		No Significant Issues			07/07/20
9460		Multi-user: ERP		Horse, Goat	Housing Plus: phlebotomy, Imaging (u/s), monitoring, minor procedures; stock; this includes paddock next to barn for anesthesia and survival surgery. Also inspect the Grassy Knoll outside	06/18/20		No Minor Issues		No Significant Issues			07/07/20

9490		Multi-user: ERP;		Horse, Cattle	Physical Exam, palpations	06/18/20		No Minor Issues		No Significant Issues			07/07/20
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### CVM ERP: Outlying VMOUT 1023

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Response for	Minor Issues	Response for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
9440		ERP:		No Live Animals	Hay. Room Feed and Storage; Feeding and Water trough Cleaning logs	06/18/20		No Minor Issues		No Significant Issues			07/07/20

### CVM ERP: Outlying VMOUT 1618

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Response for	Minor Issues	Response for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
9510		Multi-user: ERP		Horse	Housing Plus: phlebotomy, imaging (u/s), monitoring, minor procedures, supplies stored in Room	06/18/20		No Minor Issues		No Significant Issues			07/07/20

### Lake Nona ResCtr WALAN 3425

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Response for	Minor Issues	Response for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
9532		Multi-user:		No live animals	Remote: Storage: feed	06/09/20		Bags of food and water have expired. Please dispose.		No Significant Issues		07/10/20	06/16/20
9533		Multi-user:		Mouse, Rat	Housing Plus ABSL3; housing Plus	06/09/20		In room Disinfectant has expired found - please dispose it immediately.		No Significant Issues		07/10/20	06/16/20
9540				Mouse, Rat	Euthanasia, Injections	06/09/20		No Minor Issues		No Significant Issues			06/16/20

9541		Mouse, Housing Rat	06/09/20	No Minor Issues	No Significant Issues	06/16/20
9542		Mouse, Housing, BSL2 Rat	06/09/20	No Minor Issues	No Significant Issues	06/16/20
9543		Mouse, Euthanasia, Rat Injections, BSL2	06/09/20	No Minor Issues	No Significant Issues	07/07/20

## Animal Nutrition WANNUT 0478

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
9551				Chickens	Rm 26 - Office, egg incubation; Rm 27- euthanasia CO2	07/08/20		<p>1) Biosafety cabinet due for re-certification. Please perform prior to re-use.</p> <p>2) Please organize and group items used for animals; separate from non-animal use items. For example, the folded cardboard boxes behind the autoclave can be moved to a separate storage room/area.</p> <p>3) There are areas on walls/floors where paint is peeling. Please have these areas touched-up to ensure they are properly sealed.</p> <p>4) There is an unlabeled glass vial with unknown solution. Please properly dispose of, and remember to label all solutions (name, made/expiry dates, any safety info, etc.).</p> <p>Please respond with plan and potential timeline for each item within two weeks receipt of this report.</p>		No Significant Issues		07/30/20	08/04/20



9555

Fish

Housing and  
infection

07/08/20

There are cracked floor and wall tiles at the threshold and in corners of this room. Recommend replacing tiles in areas with cracks, thoroughly cleaning entire floor, and then sealing entire floor. Recommend consulting with facilities or outside service to assist. ACS hychecks may be used to ensure proper sealing (lack of pathogen growth). Please develop plan to maintain floors once complete.

No Significant Issues

07/30/20 08/04/20

Please respond with plan and potential timeline within two weeks receipt of this report.

9560

Chick  
n

Housing: Rm  
and Rm

07/08/20

Room  
1) Please clean around air vents in ceiling. Per The Guide, all components of the animal facility should be regularly cleaned and disinfected.  
2) Please thoroughly clean floors and then seal. Recommend consulting with facilities or outside service to assist. ACS hychecks may be used to ensure proper sealing (lack of pathogen growth). Develop plan to maintain floors once complete.

No Significant Issues

07/30/20 08/04/20

Room  
1) Please label food with expiration date, or discard if expired.  
2) Continue to develop plan for rust removal and maintenance for stainless steel sink.  
3) There are areas of peeling paint on the floors and cracks on the walls. Please touch-up these areas to ensure they are sealed, and develop maintenance plan.

Please respond with plan and potential timeline for each item within two weeks receipt of this report.

## Disney Animal Kingdom WDISNE 4

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Response for	Minor Issues	Response for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
9791				Black Rhinos	Housing Plus: Metabolic studies- phelbotomy, urine and feces collection	06/11/20		No Minor Issues		No Significant Issues			06/16/20

## Equine Acupuncture Center WEAC 9999

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Response for	Minor Issues	Response for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
10779				Horse	Imaging; Acupuncture	06/10/20		No Minor Issues		No Significant Issues			06/16/20

## Engineering Building WEB 0033

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Response for	Minor Issues	Response for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
9815				Axolotl	Imaging	06/24/20		No Minor Issues		No Significant Issues			07/07/20

## Emerging Pathogens Institute WEPI 1377

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Response for	Minor Issues	Response for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
9819				Mice	Injections, Mosquito feeding, Euthanasia	06/23/20		No Minor Issues		No Significant Issues			07/07/20
9820				Mouse	Holding; Euthanasia; Drugs & Log	06/23/20		No Minor Issues		No Significant Issues			07/07/20
9843				Mouse, Rat, Fish	Anesthesia, Euthanasia, Imaging, Tissue Harvesting	06/23/20		No Minor Issues		No Significant Issues			07/21/20

Updated to Animal Research Laboratory Overview (ARLO) on 03/18/2021

Obtained by Rise for Animals

9844		Mouse	CO2 euthanasia	06/23/20	No Minor Issues	No Significant Issues	07/21/20
9845		Mouse	Housing, Bleeding, non-survival surgery, tissue harvesting, anesthesia, euthanasia and infection	06/23/20	No Minor Issues	No Significant Issues	07/07/20

## Equine Sciences Center - Ocala WESC 7204

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
10623				Horse	2655 NW 100th St. Ocala, FL Paddocks and Housing in Barns	06/10/20		No Minor Issues		No Significant Issues			06/16/20

## FL Med. Entomology Lab WMEL 4240

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
9870				Chicken	Mosquito feeding multiple rooms, Euthanasia, blood samples, infection, housing; also field housing approved which will be video imaged, Housing Plus, Rooms	06/09/20		Rooms : ethanol and bleach bottles have no dates. Please label them with the expiration dates.		No Significant Issues		07/23/20	06/16/20

## FL Med. Entomology Lab WMEL 4242

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
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9890				Chicke n	Housing Plus; Euthanasia	06/09/20		AC (window unit) does not work at the time of inspection. Temperature and humidity are high - Repaired need to be done immediately. Using splash safe bleach as disinfectant- unfortunately this kind of bleach does not disinfect. Please use proper disinfectant.		No Significant Issues		07/23/20	06/16/20
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## Microbiology / Cell Science WMICRO 0981

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
7920				Mouse	Transportation #4724 Lic#39970 White Pick-up	07/08/20		No Minor Issues		No Significant Issues			08/04/20
7931				Mouse	White SUV: Transportation #4675, Tag# YE869	07/08/20		The air conditioning in this vehicle is not working. Please repair prior to using vehicle to transport animals.  Please respond with corrective plan/potential timeline within two weeks receipt of this report.		No Significant Issues		07/27/20	08/04/20
10020				Mouse	Anesthesia, Euthanasia, Injections, Bleeding, Tissue Harvesting	07/15/20		No Minor Issues		No Significant Issues			07/21/20
10040				Mouse	Euthanasia, Tissue Harvesting	07/08/20		No Minor Issues		No Significant Issues			08/04/20

## Particle Science and Technology WPST 0746

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
00041				Rats, Mice	ACS - Housing	06/05/20		No Minor Issues		No Significant Issues			06/16/20
00043				Rat, Mouse		06/24/20		No Minor Issues		No Significant Issues			07/07/20

Updated to Animal Research Lesson 5  
Obtained by Rise for Animals  
Review (ARLO) on 03/18/2021

10044		Rat	Behavioral testing & Imaging	06/24/20	*Reoccurring Issues* No hychecks/sanitization logs present. Per the IACUC Policy on Sanitization, Multiple use equipment, must have microbiological monitoring and documentation of that assessment to validate the sanitization methodology. ACS is available for microbiological testing or to consult on appropriate methodology or equipment for sanitation. Documentation of microbiological assessment will be audited at semi-annual inspections (every six months).	No Significant Issues	07/21/20	07/07/20
10046		Mice, rats	Housing Plus (ACS)	06/05/20	No Minor Issues	No Significant Issues		06/16/20
10047		Rat, Mouse	Anesthesia, Survival Surgery; Drugs & Logs	06/24/20	*Reoccurring issues* Hychecks are not being performed on multiuse equipment/sanitization logs not present. Per the IACUC Policy on Sanitization, multiple use equipment, must have microbiological monitoring and documentation of that assessment to validate the sanitization methodology. ACS is available for microbiological testing or to consult on appropriate methodology or equipment for sanitation. Documentation of microbiological assessment will be audited at semi-annual inspections (every six months). Expired buprenorphine was found, it was properly labeled on site and was not being used. Expired hydrogel was found and thrown out on site.	No Significant Issues	07/21/20	07/07/20
10048		Rat	CURRENTLY STORAGE - Behavioral Testing	06/24/20	No Minor Issues	No Significant Issues		07/07/20

10049

Rat

Behaviour  
Testing;  
Housing -under  
ACS purview

06/24/20

No Minor Issues

No Significant Issues

07/07/20

## Shands Patient Services Bldg: Surgery WSHSU 0202

Sort Excel	Area Room#	Respon sible PI	Other PI/St	Species	Procedures	Date of Inspection	Respon - sible for	Minor Issues	Respon - sible for	Significant Issues	Time Frame	Date Correcte d /	FC Approval Inspection
10115				mice	Hood only, Perfusions in the hood	06/25/20		No Minor Issues		No Significant Issues			07/07/20
10120				Mouse	Behavioral Testing, Euthanasia, Anesthesia, Tissue Harvesting, Survival Surgery	06/08/20		No Minor Issues		No Significant Issues			06/16/20
10130				Mouse	Anesthesia, Euthanasia, Tissue Harvesting, survival surgery; 6106; 6116: Drugs and Logs	06/25/20		No Minor Issues		No Significant Issues			06/16/20

## Vehicles WUREN 1278

Sort Excel	Area Room#	Respon sible PI	Other PI/St	Species	Procedures	Date of Inspection	Respon - sible for	Minor Issues	Respon - sible for	Significant Issues	Time Frame	Date Correcte d /	FC Approval Inspection
7950				Chicke n	transportation# 4434 Lic #YD584 Van - Dodge Caravan	06/12/20		No Minor Issues		No Significant Issues			06/16/20
0150				Chicke n	Feeding bed bugs	06/12/20		No Minor Issues		No Significant Issues			06/16/20

Uploaded to Animal Research  
Lab by Overview (ARLO) on 03/18/2021

Obtained by Rise for Animals



10170		Chicken	Feeding bed bugs	06/12/20	No Minor Issues	No Significant Issues	06/16/20
10180		No Live Animals	Food Storage:	06/12/20	No Minor Issues	No Significant Issues	06/16/20
10184		Chicken	Emergency Housing in accordance with the disaster plan	06/12/20	No Minor Issues	No Significant Issues	06/16/20
10190		Chicken	Housing (2 pens)	06/12/20	No Minor Issues	No Significant Issues	06/16/20
10191		Chicken	Mosquito feeding, Storage	06/12/20	No Minor Issues	No Significant Issues	06/16/20

## Whitney Marine Lab WWHIT 1012

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
8021		Multi-user,		Multiple species	Animal transit: Van, Plate #YF229	06/09/20		No Minor Issues		No Significant Issues			06/16/20
8023		Multi-user:		Multiple species	Animal transit: Prius #YG433	06/09/20		No Minor Issues		No Significant Issues			06/16/20

8024			Mult. Species	Animal Transport: Camry #YM226	06/09/20	No Minor Issues	No Significant Issues	06/16/20
10240			fish	This is Housing Plus: survival surgery; behavioral testing - swimming test	06/09/20	No Minor Issues	No Significant Issues	06/16/20
10241		Multi-user:	Fish	Anesthesia, Euthanasia, Injections, non-survival surgery	06/09/20	A bottle of ethanol with no expiration date. Please lable with expiration date - immediate	No Significant Issues	08/06/20 06/16/20
10259			Zebrafish	Behavioral Testing; Euthanasia; Imaging; Anesthesia	06/09/20	No date on ethanol bottle. Please label it with expiration date - immediate	No Significant Issues	07/24/20 06/16/20
10280			Fish	0014 - egg collection. 0014A - Anesthesia, Euthanasia, Non-survival surgery	06/09/20	No Minor Issues	No Significant Issues	06/16/20
10288			Fish, Sea Urchins, Lobster	Housing, Tagging (minor procedures), temporary housing	06/09/20	No Minor Issues	No Significant Issues	06/16/20
10289			Turtle	Surgery suite - Tissue Collection	06/09/20	No Minor Issues	No Significant Issues	06/16/20
10291			Zebrafish	Housing	06/09/20	No Minor Issues	No Significant Issues	06/16/20

10300	[REDACTED]	Fish (sharks), (trout)	Housing	06/09/20	[REDACTED]	Reoccurring issue: Room high/low temperature and humidity are not being monitored. Per the UF Housing Animals Policy, Temperature and humidity must be monitored and recorded on a daily basis to ensure adequate levels of this environmental factors are maintained in the study area.	No Significant Issues	08/06/20	06/16/20
10321	[REDACTED]	Zebrafish	Housing	06/09/20	[REDACTED]	There is no actual temperature in the log book. Temperature and humidity must be monitored and recorded on a daily basis to ensure adequate levels of these environmental factors are maintained in the study area.	No Significant Issues	07/24/20	06/16/20
10322	[REDACTED]	Zebrafish	Imaging, Non Survival Surgery	06/09/20		No Minor Issues	No Significant Issues		06/16/20
10361	[REDACTED]	Fish previously fish	Housing	06/09/20		No Minor Issues	No Significant Issues		07/07/20

### Whitney Marine Lab WWHIT 1012-T108

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Response - sible for	Minor Issues	Response - sible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
	10355 Bldg [REDACTED]	[REDACTED]		Fish	Housing, Euthanasia, Anesthesia	06/09/20	[REDACTED]	Woods used for based need to be sealed		No Significant Issues		07/23/20	07/21/20

### Whitney Marine Lab WWHIT 1021

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Response - sible for	Minor Issues	Response - sible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
	10261 [REDACTED]	[REDACTED]		Zebrafish	Imaging; Anesthesia; Non Survival Surgery	06/09/20		No Minor Issues		No Significant Issues			06/16/20
	10262 [REDACTED]	[REDACTED]		Zebrafish	Imaging, Non Survival Surgery, Anesthesia	06/09/20		No Minor Issues		No Significant Issues			06/16/20

## Beef Research Unit - Monteocha Rd. XNON OLAW 0119

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
10590		Multi-user:		Cattle	Housing Plus: Injections, Behavioral Testing, Bleeding Meds and paperwork Bldg 196. Chutes Bldg 195. The construction of the paddocks for Dr. [REDACTED] horses is delayed. These paddocks will need to be inspected during the Fall 2019 inspections	06/12/20		No Minor Issues		No Significant Issues			06/23/20

## Animal Science Animal Holding Area / Abattoir Building 459 XNON OLAW 0459

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
10470		Multi-user:		Cattle, Swine, Sheep, Goats	Housing overnight, Slaughter facility (room [REDACTED])	06/18/20		No Minor Issues		No Significant Issues			07/07/20

## Sheep Physiology (Swine Unit Feed) Barn XNON OLAW 0743

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
10560				Cow	Housing Cows in stocks	06/11/20		No Minor Issues		No Significant Issues			06/16/20

## Swine Unit XNON OLAW 0770

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Response for	Minor Issues	Response for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
10495				Pig	blood collection, feeding, artificial insemination, weighing, housing	06/10/20		No Minor Issues		No Significant Issues			07/21/20

## Pole Barn # 882 XNON OLAW 0882

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Response for	Minor Issues	Response for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
10540				Sheep/Beef	Pasture to the west of the building used for cattle; Techniques taught for physical examination	06/11/20		No Minor Issues		No Significant Issues			06/16/20

## BTU Cattle Pasture 6 XNON OLAW 0891

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Response for	Minor Issues	Response for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
10571				Cow	Housing, Injection, Bld 891 used for weighing (in the back) and lab procedures (inside).	06/12/20		No Minor Issues		No Significant Issues			06/23/20

## BTU Cattle Pasture 1 XNON OLAW 0894

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Response for	Minor Issues	Response for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
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10451 SPRING Snake, SPRING 06/09/20 No Minor Issues No Significant Issues 07/21/20  
 Lizards, ANNUAL -  
 ANNUA non- Transport in:  
 L - native Havahart 1089  
 rats; live-traps and  
 raccoo Rubbermaid  
 ns; Fish ActionPackers;  
 Jeep Wrangler  
 2005:Tag -  
 40103; Ford  
 F150 2007:Tag -  
 YB751; F250  
 2005: Tag-  
 39047; Escape  
 2010:Tag-  
 YD390; Ford  
 F150 2015-  
 YJ041; Chevy  
 Eq: YJ960; YL-  
 924; YR-191:  
 Euthanasia

## Indian River IREC Fort Pierce XNON OLAW 7358

Sort Excel	Area Room#	Respon sible PI	Other PI/St	Species	Procedures	Date of Inspection	Respon - sible for	Minor Issues	Respon - sible for	Significant Issues	Time Frame	Date Correcte d /	FC Approval Inspection
10440		SPRING		Fish	SPRING ANNUAL - Greenhouse - Housing plus: euthanasia, injections,	06/09/20		No Minor Issues		No Significant Issues			06/16/20
		ANNUA L -											

## Indian River IREC Fort Pierce XNON OLAW 7365

Sort Excel	Area Room#	Respon sible PI	Other PI/St	Species	Procedures	Date of Inspection	Respon - sible for	Minor Issues	Respon - sible for	Significant Issues	Time Frame	Date Correcte d /	FC Approval Inspection
10450		SPRING		Fish	SPRING ANNUAL - Hatchery: Housing Diet Study- 0101	06/09/20		No Minor Issues		No Significant Issues			06/16/20
		ANNUA L -											

## Dairy Unit / Agronomy Forage Hague XNON OLAW 918-919

Sort Excel	Area Room#	Respon sible PI	Other PI/St	Species	Procedures	Date of Inspection	Respon - sible for	Minor Issues	Respon - sible for	Significant Issues	Time Frame	Date Correcte d /	FC Approval Inspection
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Updated to Animal Research Laboratory Overview (8/18/2021)  
 Obtained by: [redacted] 08/18/2021

10617	[REDACTED]	[REDACTED]	[REDACTED]	Cow	Agent Administration, Bleeding & Tissue Harvesting	06/11/20	No Minor Issues		No Significant Issues		06/16/20
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## Tropical Aquaculture Lab REC XNON OLAW 9401-09

Sort Excel	Area Room#	Responsible PI	Other PI/St	Species	Procedures	Date of Inspection	Responsible for	Minor Issues	Responsible for	Significant Issues	Time Frame	Date Corrected /	FC Approval Inspection
10740	[REDACTED]ua [REDACTED]n	SPRING ANNUAL - Multi-user:	[REDACTED]	Fish, Frog	SPRING ANNUAL - Housing Plus; breeding, procedures 9401: Rm. 7 [REDACTED] - euthanasia diagnostic and necropsy;	06/09/20		No Minor Issues		No Significant Issues			06/16/20

# Enclosure 13 - UF IACUC Inspection: Issues and Corrections

ARB 0201

Sort Excel	Area Room#	Date of Inspection	Responsible for	Minor Issues	Responsible for Significant	Significant Issues	Time Frame	Correction or Plan	Date Corrected / address
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252		06/29/20		Sanitization monitoring records were not available. Please provide records and make sure they are consistent with the SOP.		No Significant Issues		From: [redacted] Sent: Thursday, August 27, 2020 10:33 AM	08/27/20
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Hi [redacted]

Happy to comply. I have never swabbed a wall, floor or ceiling before - just equipment. Is it possible to get a copy of the ACS SOP for this sort of swabbing. I need help with the timing of the swabbing and how many swabs per sq ft need to be done. Also for these surfaces that are supposed to be clean, but not sterile can you point me to the guidelines about what is an acceptable colony number. I will need to update our room SOP's to reflect the new procedures.

Then I will get to swabbing me hearty  
🐼

Thanks  
[redacted]  
[redacted]

On Aug 26, 2020, at 8:35 AM,  
[redacted]  
[redacted] wrote:

Good morning [redacted]

The room itself (floors, walls, ceilings) for sure needs to be checked. I



suggest also swabbing the bucket since that is being sanitized and the nets that are being dipped in the buckets come in contact with the animals. We will work with you to decide what else does or does not need to be swabbed. Please go ahead and contact [REDACTED] in the ACS Diagnostic Lab. She can provide the hycheck slides and describe techniques in case you need a refresher on how to use them.

08/27/20

Thanks,  
[REDACTED]

From: [REDACTED]  
Sent: Friday, August 21, 2020 4:47 PM  
To: [REDACTED]  
Cc: [REDACTED]  
Subject: Re: IACUC - Semi Annual Inspection Report - ARB-0201[REDACTED] - Response Required

The only bleach being used is a 10% bucket used to dip the net in in between cages. I would be happy to go over with you the whole process and figure out what needs to be done.

We can then modify sop etc as needed to reflect the new plan.

Thanks  
[REDACTED]

On Aug 21, 2020, at 3:17 PM,  
[REDACTED]

[REDACTED] > wrote:

Hi [REDACTED]

Ahhh- I understand now, thank you for the clarification. A meeting may be helpful to determine what needs to be swabbed in the room. Room floors



and walls should be swabbed as they are periodically sanitized. Besides the static tanks, is there anything else the animals come in contact with that you are periodically sanitizing? Do you sanitize nets or transport buckets, or has everything been switched to tap water rinses? What about the tank rack system? 08/27/20

Sincerely,

[Redacted]

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**From:** [Redacted]

**Sent:** Friday, August 21, 2020 3:02 PM

**To:** [Redacted]

**Cc:** [Redacted]

**Subject:** Re: IACUC - Semi Annual Inspection Report - ARB-0201-[Redacted] Response Required

Hi [Redacted]

It 2017 we changed our static cage cleaning SOP from the bleach cleaning to just a tap water rinse to keep the animals in the same static cage at all time. Part of the goal was to preserve the biota in the cages to help protect the axolotl slime coat. Keeping animals in the same cage also prevents the possibility of cross contamination between animals. In addition we implemented the use of a clean new can liner for each batch of conditioned water produced to prevent biofilm build-up in the standing containers. When these changes were implemented we stopped performing our own microbial monitoring for the cage cleaning since they are supposed to retain active biomes now. We made these changes after discussions with





ACS vets about best husbandry practices to protect the slime coat on the axolotls and prevent cross contamination. The sanitization log notes the change/stoppage from 2018 on. This is the first semi-annual since 2018 that has raised the sanitization issue. I see in going back over the SOP/description that the SOP change did not get reflected in the program description. I am happy to update the program description. The most recent 2019 Husbandry SOP007 states the dirty static cages are just rinsed with tap water. The free standing containers of conditioned water are rinsed with 10% bleach and rinsed in between batches - they are also lined with new plastic can liners that actually contain the water in between each batch. We previously swabbed the small static tanks and the unlined conditioned water containers, we never have swabbed walls or floors/ceilings before. We are happy to swab and culture whatever is necessary within the room. Perhaps if we can meet briefly to go over the areas to be sanitized/checked and the preferred timing, we will get them done ASAP.

Sincerely,



On Aug 21, 2020, at 1:46 PM,



 wrote:

Hi  and ,

Happy Friday to you both! Hoping I can help bring some clarity here. Sanitization efficacy ("hychecks") should be performed every six months for the room (walls, floors, benches, etc) and the equipment (tanks, transport buckets, etc). For non-ACS areas, both the room and the equipment testing of sanitization efficacy is the lab's responsibility. The current UF sanitization policy is here: <https://my.acs.ufl.edu/guidelines/VerificationofSanitizationofInvestigator.pdf>. The 2020 program description for your room has the following sanitization descriptions copy and pasted below, stating that sanitization is occurring in the room and of equipment. Please contact [REDACTED] in the ACS Diagnostic Lab ([acslab@acs.ufl.edu](mailto:acslab@acs.ufl.edu)) ASAP to schedule hychecks. Please let me know if this helps clear up any confusion or if you still have any remaining questions.

Sincerely,  
[REDACTED]

330 [REDACTED] 07/01/20 [REDACTED] 1) Expired saline, heparin, and mineral oil found. Please dispose of or separate and label as expired/not for animal use. No drugs, fluids, medical supplies or devices may be used beyond their expiration date on or in live animals; they must be marked expired separated from other materials and/or discarded (one exception: for acute terminal procedures, not including expired drugs or fluids) per UF IACUC Policy and the USDA Animal Care Policy Manual. <https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf>

No Significant Issues

Email from [REDACTED] 07/29/20

The following issues have been addressed and corrected. The expired chemicals will no longer be used and the sanitation log has been updated.

2) Please remove fecal material, clean, and sanitize the induction chamber.

3) Sanitization checks were not available. Please perform, or if already performed, please provide results. Efficacy of sanitization in animal housing spaces, procedure rooms, and equipment that is maintained by investigators will be monitored and documented every 6 months; per the UF IACUC and ACS guidelines based on recommendations from The Guide and the Animal Welfare Act.  
<https://my.acs.ufl.edu/guidelines/VerificationofSanitizationofInvestigator.pdf>

Provide plan for each item within two weeks receipt of this report.

384	██████	07/01/20	No Minor Issues	██████ ██████	Animals are currently being housed overnight in the lab space during the post-operative period. Animals should be returned to ACS housing rooms in an appropriate time frame (as described by UF Policies) and in discussion with ACS. The need to house animals in lab space should be scientifically justified in the protocol and approved by the IACUC.	Email from ████████ 7/11/20: Thank you ████████ we have generated SOPs for all three of those. These are printed and in the lab for our reference.  * On the significant deficiency: it has been called and discussed at the FC 8/4/20 meeting.	08/04/20
450	██████	07/01/20	No Minor Issues	██████ ██████ ██████	Expired xylazine. Per The Guide, agents that provide anesthesia and analgesia must be used before their expiration dates and should be acquired, stored, their use recorded, and disposed of legally and safely. No drugs may be used beyond their expiration date on or in live animals; they must be marked expired, separated from other materials, and/or discarded per UF IACUC Policy and the USDA Animal Care Policy Manual. <a href="https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf">https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf</a>  Please provide plan within two weeks receipt of this report.	Per email from ████████ Hello, Regarding the latest IACUC inspection of ARB R5-240/244/290. 1. New rules as per the CO2 euthanasia has been posted next to the site in the lab of ████████ in ARB ████████ 2. Expired Xylazin has been disposed off.	07/20/20
460	██████	07/01/20	No Minor Issues	██████	Expired tricaine 2019. Per The Guide, agents that provide anesthesia and	Per email from ████████	07/17/20

analgesia must be used before their expiration dates and should be acquired, stored, their use recorded, and disposed of legally and safely. No drugs may be used beyond their expiration date on or in live animals; they must marked expired, separated from other materials and/or discarded per UF IACUC Policy and the USDA Animal Care Policy Manual. <https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf>

New Tricaine S was purchased in March and received in May 2020. It was on the shelf observed by the IACUC inspectors. The expired Tricaine S, which was also on the shelf, was moved to the hazardous waste accumulation area on July 1, 2020.

07/17/20

Please provide plan within two weeks receipt of this report.

540		06/29/20	No Minor Issues	Expired buprenorphine was found, it was properly labeled on site and was not being used. Please appropriately dispose of expired materials (plan for reverse distribution for controlled substances) and create a drug inventory system to routinely monitor all substances used.	Addressed on site.	06/29/20
651		07/01/20	<p>1) Expired ethanol. Please dispose of or mark as expired/not for animal use. No drugs, fluids, medical supplies or devices may be used beyond their expiration date on or in live animals; they must be marked expired separated from other materials and/or discarded (one exception: for acute terminal procedures, not including expired drugs or fluids) per UF IACUC Policy and the USDA Animal Care Policy Manual. <a href="https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf">https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf</a></p> <p>2) Sanitization checks (hychecks) are overdue. Efficacy of sanitization in animal housing spaces, procedure rooms, and equipment that is maintained by investigators will be monitored and documented every 6 months; per the UF IACUC and ACS guidelines based on recommendations</p>	No Significant Issues	<p>Email from : Corrections for lab semi Annual inspection Report ARB-0201-R1-178</p> <p>1) Expired ethanol. Please dispose of or mark as expired/not for animal use. No drugs, fluids, medical supplies or devices may be used beyond their expiration date on or in live animals; they must be marked expired separated from other materials and/or discarded (one exception: for acute terminal procedures, not including expired drugs or fluids) per UF IACUC Policy and the USDA Animal Care Policy Manual. <a href="https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf">https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf</a> CORRECTIVE ACTION: Expired ethanol has been disposed of and has been replaced freshly diluted 70% ethanol. 7/28/2020</p> <p>2) Sanitization checks (hychecks) are overdue. Efficacy of sanitization in animal housing spaces,</p>	07/29/20

from The Guide and the Animal Welfare Act.  
<https://my.acs.ufl.edu/guidelines/VerificationofSanitizationofInvestigator.pdf>

Please provide plan for each item within two weeks receipt of this report.

procedure rooms, and equipment that is maintained by investigators will be monitored and documented every 6 months; per the UF IACUC and ACS guidelines based on recommendations from The Guide and the Animal Welfare Act.  
<https://my.acs.ufl.edu/guidelines/VerificationofSanitizationofInvestigator.pdf>

#### CORRECTIVE ACTION:

I have emailed [ACSLAB@acs.ufl.edu](mailto:ACSLAB@acs.ufl.edu) to have a sanitation check.

7/29/2020

11432		07/01/20		The plastic covering on the fabric chairs is torn. Please provide plan to re-wrap or replace within two weeks receipt of this report.	No Significant Issues			Per email from : We've have addressed the issue and requested replacement chairs which will not need to be covered as their material is not porous. These chairs have arrived in the lab and we are waiting for the worn ones to be disposed of. We also have been and will continue to sanitize chairs after the end of each surgery day.	07/29/20
All components of the animal facility should be regularly cleaned and disinfected. Porous items such as cloth chairs should be removed (or covered with sanitizable material) as they cannot be appropriately disinfected.									

## AUPAT 1379

Sort Excel	Area Room#	Date of Inspection	Respo n- sible for	Minor Issues	Respon - sible for Signific	Significant Issues	Time Frame	Correction or Plan	Date Corrected / addresse
9670		06/22/20		The following notes describe issues for all animal rooms in the facility. Many improvements have been made, and there are previously noted concerns that are still in-progress. As we discussed, please document the pest control performed by EH&S, remove rust or replace floor drains as necessary, document room temperature and humidity when animals are present, and continue to order animals through ACS and use the SickList when animals are present. Please develop plans for maintaining recent repairs (tanks and water damage, walls, floors, rust, corrosion). When renovations have been completed, please clean all air intake diffusers (create plan for maintaining cleanliness) and ventilation re-testing (HVAC test and balance		No Significant Issues		Email from : <b>The following notes describe issues for all animal rooms in the facility. Many improvements have been made, and there are previously noted concerns that are still in-progress.</b> <b>Please document the pest control performed by EH&amp;S.</b> We provided documentation of EH&S' pest control program for Building 1379; it is attached at the end of this email. Did that transmittal not come through from me, or was it not acceptable? <b>Remove rust or replace floor drains as necessary</b> Refinishing the floor sinks is scheduled to be completed prior to end of September. <b>Document room temperature and humidity when animals are present</b> This is being done. <b>Continue to order animals through ACS</b>	08/07/20

assessment) should be performed.  
 Room air changes should be within the recommended limits per The Guide.  
 Continue to refer to the Housing Animals Outside of ACS Policy for guidance on facility management.

Ceiling lights in all animal facility rooms should be covered/sealed so the entire ceiling may be regularly cleaned and disinfected.

Please perform sanitization checks.  
 Efficacy of sanitization in animal housing spaces, procedure rooms, and equipment that is maintained by investigators should be monitored and documented every 6 months, per the UF Policies.  
<https://my.acs.ufl.edu/guidelines/VerificationofSanitizationofInvestigator.pdf>

Please reply with in-progress updates for each item within two weeks receipt of this report.

**and use the SickList when animals are present.**

This is being done.

**Please develop plans for maintaining recent repairs (tanks and water damage, walls, floors, rust, corrosion).**

In coordination with [REDACTED] (EPI facilities management) we are incorporating multiple system checks and PM into a schedule. Repairs and maintenance on animal housing systems, including tanks and water filtration components, are either on independent schedules, or done as needed (i.e., no maintenance, other than cleaning and disinfection, required).

**When renovations have been completed, please clean all air intake diffusers (create plan for maintaining cleanliness) and ventilation re-testing (HVAC test and balance assessment) should be performed. Room air changes should be within the recommended limits per The Guide. Continue to refer to the Housing Animals Outside of ACS Policy for guidance on facility management.**

As described during the last inspection, and as included in the last report, we plan to clean HVAC register and return grills upon completion of current facility upgrades, prior to end of September.

**Ceiling lights in all animal facility rooms should be covered/sealed so the entire ceiling may be regularly cleaned and disinfected.**

Upgrade of the ceiling lighting system, including sealed light fixtures with LED lighting and a new light cycle dimming control system, has been discussed with Facilities Management as a hopeful Phase 2 as a follow up to the installation of the new outdoor air handler that serves the West end of the building, including the animal facility. At this juncture, however, there are no budget nor immediate plans to upgrade ceiling lights.

**Please perform sanitization checks. Efficacy of sanitization in animal housing spaces, procedure rooms, and equipment that is maintained by investigators should be monitored and documented every 6 months, per the UF Policies.**

<https://my.acs.ufl.edu/guidelines/VerificationofSanitizationofInvestigator.pdf>





We perform bacteriology checks after breaking down animal systems and holding tanks, following disinfection. Data are recorded in log books.

08/07/20

## BMS 0213

Sort Excel	Area Room#	Date of Inspection	Responsible for	Minor Issues	Responsible for Significant	Significant Issues	Time Frame	Correction or Plan	Date Corrected / addressed
2430		06/01/20	ACS	The epoxy on floors is worn with concrete exposure. This causes concern for sanitation, because the floors are no longer impervious. Please discuss with the appropriate facility staff and respond with a potential plan within 14 days of receipt of this report.		No Significant Issues		<p>Email from [REDACTED]</p> <p>The floors in the Biomedical Sciences animal facility were repaired several years ago and recoated with a sealant Stonseal PA7 by the manufacturer Stonhard.</p> <p>Over the last few years, between foot traffic and chemicals from mopping and sanitizing, the sealant top coat on the floor is peeling. We have submitted a work order for this for documentation, and there have been plans to redo the floors again, I have CC'd our engineer, [REDACTED] on this email if you have any questions for him about the plans for repair.</p> <p>To verify that the floor is still sanitizable and clean, we used 2 hychecks to test the floor. They are labeled "old floor," which is the beige speckled flooring in the photo, and "new floor," which is the brown sealant top coat. I asked the staff to use a hycheck swab before and after sanitization to verify there was no additional colony growth. Please let me know if you have any questions at all or need any further information.</p>	07/29/20

2846 [REDACTED] 06/24/20 [REDACTED] Hycheck Slide for induction chamber and heater pad has been expired. Please update the hycheck - 2 weeks from the receipt of this report.

No Significant Issues

Per email from [REDACTED] 07/08/20  
Please find attached the Hycheck for our lab. This should correct the deficiency found during lab inspection.

## BSB 0206

Sort Excel	Area Room#	Date of Inspection	Response - sible for	Minor Issues	Response - sible for Significant	Significant Issues	Time Frame	Correction or Plan	Date Corrected / address
3070	[REDACTED]	07/13/20	[REDACTED]	Expired artificial cerebrospinal fluid found. Disposed on site.		No Significant Issues		Addressed on site.	07/13/20

## CGRC 1376

Sort Excel	Area Room#	Date of Inspection	Response - sible for	Minor Issues	Response - sible for Significant	Significant Issues	Time Frame	Correction or Plan	Date Corrected / address
3235	[REDACTED]	06/23/20		No Minor Issues	[REDACTED]	Expired tricaine-Per the IACUC Policy on Expired Drugs, Supplies, and Materials for Use On or In Animals for Research, Teaching or Testing Expired drugs, fluids, medical supplies and devices cannot be used on or in live animals. All expired drugs, fluids, medical supplies and devices must be marked expired and separated from indate drugs/materials or must be discarded on or before their date of expiration. The IACUC recommends that each laboratory establish an inventory procedure to facilitate identification and discarding of expired drugs, fluids, dilutions, mixtures, medical supplies, materials, and devices. An effective inventory system should be established to detect and dispose of expiring or expired medical materials.		Email from [REDACTED]: Expired tricaine was disposed of and new tricaine purchased. When new tricaine arrives, a note will be made of its expiration date.	07/29/20

## COM 0203

Sort Excel	Area Room#	Date of Inspection	Response - sible for	Minor Issues	Response - sible for Significant	Significant Issues	Time Frame	Correction or Plan	Date Corrected / address
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4530	██████	06/05/20	██████	Expired animal diets were found, labeled with each individual PI's name. Please dispose of the expired diets upon receipt of this report.	No Significant Issues	Email from ██████: Food was segregated in cooler, marked as expired and PIs were emailed prior to inspection. ██████ and ██████ asked acs to dispose of, ██████ retrieved theirs. All removed from facility same day as inspection	07/09/20
4660	██████	06/04/20	ACS; ██████	<p>1) (ACS) There are cracks around ceiling access point; recommend re-sealing. Please provide plan with potential timeline within two weeks receipt of this report.</p> <p>2) ██████ lab) There are two containers of lab supplies, notebooks, and a scale being stored in this room. Please minimize the items being stored in this housing room. Determine what is appropriate to store in this room and what should be kept in the lab. Recommend discussing with ACS Comm manager. Please provide plan within two weeks receipt of this report.</p>	No Significant Issues	<p>Email from ██████ (ACS) - 7/23/20: Hi ██████</p> <p>The access panel was sealed today. Please see attached, completed work order.</p> <p>Email from Dr. ██████ - 7/22/20 :</p> <p>I have discussed this with ██████. My lab has put all of our supplies into one small and sealed Rubbermaid bin. We only had one bin to start with. The other containers in there hold caging supplies. Things are nice and tidy now with one bin and one (plastic outside) notebook for animal monitoring notes which are required to be kept in the room.</p>	07/23/20
4690	██████	06/03/20	██████	Reoccurring issue: Please remove the carboard storage boxes and store items in plastic tubs or bins. Please check with EH&S about your gas tank storage. It doesn't look secure	No Significant Issues	<p>Email from ██████: ██████</p> <p>Actually, we were waiting to get access to the room to take corrective measures. I assume that we have access now and will proceed to fix things and respond to the inspection. Thanks for the reminder. Regards, ██████</p> <p>Email to ██████</p> <p>Thank you for the email, and yes please email us once it is completed? – thank you.</p> <p>Best,</p> <p>██████</p> <p>██████</p> <p>Thank you for the email. Could</p>	08/06/20
4710	██████	06/04/20	██████	The racks holding telemetry equipment	No Significant Issues	Email from ██████:	07/29/20

are dirty with chow pieces, stains, and exposed cardboard underneath foil.  
Please clean the area and develop a system to maintain the area when in/not in use. Please respond with plan within two weeks receipt of this report.

Racks were cleaned and unused equipment removed from the room on 6/16/2020. Lab members have been reminded of their responsibility to keep the room and equipment clean and orderly. Daily checks and wipedown of racks during use and thorough cleaning at the end of studies has been added to the lab experimental SOP.

07/29/20

4740

06/30/20

Reoccurring finding:  
The hycheck slide tests are required.  
Please contact the ACS Diagnostic Lab and get these redone asap.

No Significant Issues

Email from [REDACTED]  
Actually, there are signs posted in both rooms that the testing in these rooms was suspended as of March 2020 and the equipment has not been in use, as I closed the lab and testing until further notice. The inspectors could not miss these notices, as they were visibly displayed and signed by me.

07/10/20

As [REDACTED] mentioned, we will make sure that the updated hychecks will be displayed when we resume testing.

4770

06/30/20

Reoccurring finding:  
The hycheck slide test are required.  
Please contact the ACS Diagnostic Lab and have these redone asap.

No Significant Issues

Email from [REDACTED]:  
Dear [REDACTED] and [REDACTED]

07/10/20

Actually, there are signs posted in both rooms that the testing in these rooms was suspended as of March 2020 and the equipment has not been in use, as I closed the lab and testing until further notice. The inspectors could not miss these notices, as they were visibly displayed and signed by me.

As [REDACTED] mentioned, we will make sure that the updated hychecks will be displayed when we resume testing.

4790 [REDACTED] 06/30/20 [REDACTED]  
[REDACTED]  
1. Hycheck slide tests required on the induction chamber and the results need to be maintained in the lab. Please contact [REDACTED] ACS regarding this matter. Please correct within two weeks.  
2. Special care by PI monitoring on 6/29/20 is blank.  
3. Expired salines (3) found. Please dispose of immediately.

No Significant Issues

Email from [REDACTED] 08/06/20  
Dear [REDACTED]

We have looked over the issues  
1. Hycheck slide tests required on the induction chamber and the results need to be maintained in the lab. Please contact [REDACTED] ACS regarding this matter. Please correct within two weeks.  
2. Special care by PI monitoring on 6/29/20 is blank.  
3. Expired salines (3) found. Please dispose of immediately.

We have performed Hycheck slide tests and will make sure we maintain those results in the lab/[REDACTED]. We have had a conversation with the person doing the checking to make sure they understand their responsibility for reporting care. And the expired salines have been removed.

[REDACTED]

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Email from [REDACTED]:  
Dear [REDACTED]  
Here is the Hycheck result performed recently.  
Thanks

4800 [REDACTED] 06/04/20 [REDACTED]  
[REDACTED]  
1) All components of the animal facility should be regularly cleaned and disinfected. Cardboard and other porous items should be removed (or covered with sanitizable material) as they cannot be appropriately disinfected. Please respond with a plan for the cardboard within two weeks receipt of this report.  
2) There is a paper bag of bedding that should be in a sanitizable container. This was corrected on-site during the inspection.

No Significant Issues

Email from [REDACTED] 07/30/20  
Hi [REDACTED]

Thank you for the reminder.

Two minor deficiencies were identified during the inspection, both related to having materials that cannot be disinfected or sanitized in the room.

To correct these issues we have now brought into the room a plastic box to hold all inappropriate materials.



Additional boxes will be brought in as needed in future. 07/30/20

Please let me know if you need further clarification.

Many thanks,



4820		06/04/20		<p>1) Expired glucose strips 2015, expired tissue adhesive 2015, and expired needles 2019 were found in this room. No drugs, fluids, medical supplies or devices may be used beyond their expiration date on or in live animals; they must be marked as expired and separated from other materials, or discarded (one exception: for acute terminal procedures, not including expired drugs or fluids) per UF IACUC Policy and the USDA Animal Care Policy Manual.</p> <p><a href="https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf">https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf</a></p> <p>Please provide plan within two weeks receipt of this report.</p>	No Significant Issues	<p>Email from [REDACTED]:</p> <p>CORRECTION: Expired glucose strips 2015, expired tissue adhesive 2015, and expired needles 2019 were</p> <p>Removed from [REDACTED] and disposed of.</p> <p>[REDACTED] 7/29/2020</p>	07/29/20
4870		06/04/20		<p>1) There are used animal cages with bedding, chow, water bottles. Please return to ACS staff/dirty cagewash.</p> <p>2) Please dispose of the expired napa nector.</p> <p>3) Chambers have chipping paint. Please provide plan to reseal surfaces.</p> <p>4) There is overall clutter- please organize and clean items being stored in this room.</p> <p>5) There are expired needles. No drugs, fluids, medical supplies or devices may be used beyond their expiration date on or in live animals; they must be marked expired separated from other materials and/or discarded (one exception: for acute terminal procedures, not including expired drugs or fluids) per UF IACUC Policy and the USDA Animal Care</p>	No Significant Issues	<p>Email from Dr. [REDACTED]</p> <p>Hi [REDACTED]</p> <p>Thanks for your email. Here is our response to the deficiency uncovered in the inspection.</p> <p>1) There are used animal cages with bedding, chow, water bottles. Please return to ACS staff/dirty cagewash.</p> <p>We removed the dirty cages, chow, and water bottles.</p> <p>2) Please dispose of the expired napa nector.</p> <p>We have disposed the expired napa nector and order 50 new ones.</p> <p>3) Chambers have chipping paint. Please provide</p>	07/31/20



<https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf>

6) There are rope material, styrofoam, and dirty wood items with fecal material. All components of the animal facility should be regularly cleaned and disinfected. Wood should be appropriately sealed and porous items such as cloth chairs, cardboard, styrofoam should be removed (or covered with sanitizable material) as they cannot be appropriately disinfected.

7) The flooring within the open field box is stained. Please provide plan for repair or replacement.

Please respond with a plan for all items within two weeks receipt of this report.

plan to reseal surfaces.

07/31/20

We will seal them in consultation with equipment manufacture.

4) There is overall clutter- please organize and clean items being stored in this room.

We removed two bottles and personal items from the room. We will get them reorganized once the current series of continuous open field experiments end.

5) There are expired needles. No drugs, fluids, medical supplies or devices may be used beyond their expiration date on or in live animals; they must be marked expired separated from other materials and/or discarded (one exception: for acute terminal procedures, not including expired drugs or fluids) per UF IACUC Policy and the USDA Animal Care Policy Manual.

<https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf>

We have removed the expired needles out.

6) There are rope material, styrofoam, and dirty wood items with fecal material. All components of the animal facility should be regularly cleaned and disinfected. Wood should be appropriately sealed, and porous items such as cloth chairs, cardboard, styrofoam should be removed (or covered with sanitizable material) as they cannot be appropriately disinfected.

We could not find the rope and removed the Styrofoam box. Wood items for the beam-walking test were cleaned with ethanol. We have special permission from IACUC in our protocol to use wood without painting. We found the mice do not perform well with the painted wood surface.

7) The flooring within the open field box is stained. Please provide plan for repair or replacement.

We will repair or replace them in consultation with equipment manufacture.

4870					07/31/20
4880	06/04/20	There is a bead sterilizer being stored in this housing room. Please relocate to an appropriate alternate room, such as procedure or lab space.	No Significant Issues	Per email from Dr. [REDACTED]: This issue has been addressed by the researchers. We have taken it back to the lab. In the future, we will take it with us to the animal room for use and then take it to the lab after use. Thank you. [REDACTED]	07/20/20
4910	06/30/20	1. Expired isoflurane vaporizer calibration. Please arrange for the calibration to be completed. Please comply within two weeks. 2. One bottle of 70% Ethanol expired. Please dispose of.	No Significant Issues	Email from [REDACTED] - 7/29/20: We are having the anesthesia machine serviced/calibrated tomorrow. Yes [REDACTED] already removed the expired 70% ethanol from the room.	07/29/20
4920	06/04/20	There are multiple items being stored in this housing room, including cardboard, styrofoam, boxes of gloves, and computer items. Please relocate items to an appropriate storage area, such as lab space or in a procedure space. If items need to remain in this room, they should be organized and clean, and porous items should be covered with sanitizable material as they cannot be appropriately disinfected. Please discuss with ACS manager to determine what is approved to remain in the room. Please provide plan within two weeks receipt of this report.	No Significant Issues	Email from Dr. [REDACTED] I don't believe my lab has anything stored in any of the ACS labs as we have not done animal studies in a while. But, in order to correct this deficiency I will contact the ACS manager and either remove any items or organize them properly.	07/24/20
4940	06/30/20	Hycheck slide tests required for MRI box and the results need to be maintained in the lab. Please contact Liza Stanley of ACS regarding this matter. Please correct within two weeks.	No Significant Issues	Email from [REDACTED] Please find the attached Hycheck test for the EchoMRI in [REDACTED]	07/22/20
5020	06/30/20	Please use plastic container instead of cardboard for storing items.	No Significant Issues	Email from [REDACTED]: Corrective action was taken immediately. Cardboard box has been removed from the lab. Material received from the suppliers will be immediately transferred to a plastic containers.	07/20/20
5040	06/30/20	Rusted rodent ear punch tool found. Please remove the rust and clean it or please replace it.	No Significant Issues	Per email from [REDACTED] [REDACTED]  The item has been removed and will not be used.	07/23/20

5081	06/04/20	<p>1) There was an unmounted nitrogen gas cylinder in this room. Please appropriately secure for personnel and animal safety. Please provide plan within two weeks receipt of this report.</p> <p>2) All components of the animal facility should be regularly cleaned and disinfected. Cardboard and other porous items should be removed (or covered with sanitizable material) as they cannot be appropriately disinfected. Please provide plan for cardboard within two weeks receipt of this report.</p>	No Significant Issues	<p>Email from [REDACTED] addressing deficiency point 1: Thank you, we have removed this obstruction.</p> <p>[REDACTED]</p> <p>Recommendation from EH&amp;S safety:</p> <p>In this specific case, the dewar should not be obstructing the door since this could prevent people from entering or leaving the lab dooring an emergency. Additionally, if the door is hitting the dewar it could damage the dewar's vacuum bottle, which would increase the boil-off rate of the liquid nitrogen.</p> <p>There is not a specific location that I would require for the storage of a dewar in the lab. My recommendation would be based on how they are using the dewar.</p> <ul style="list-style-type: none"> <li>• If directly connected to a piece of equipment with an attached transfer line then it should be located as close to the equipment as possible without preventing safe travel through the lab.</li> <li>• If they are decanting liquid nitrogen into another open dewar, such as liquid nitrogen is opening flowing, then there will need to be sufficient space around the dewar to safely perform the operation. I would strongly encourage a lab to not block there only means of egress from a room with any hazardous activity.</li> </ul> <p>[REDACTED] [REDACTED] University of Florida Division of Environmental Health &amp; Safety [REDACTED] [REDACTED]</p> <p>[REDACTED] email dated 7/30/2020 for deficiency point 2: 2) All components of the animal facility should be regularly cleaned and disinfected. Cardboard and other porous items should be removed (or covered with sanitizable material) as they</p>	08/13/20
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cannot be appropriately disinfected. Please provide plan for cardboard within two weeks receipt of this report.  
CORRECTION: The cardboard boxes have been discarded or removed from the room

08/13/20

5083

06/30/20

Hychecks slide for Surgical Equipment is expired. Please contact [REDACTED] of ACS regarding this matter. Please correct within two weeks.

No Significant Issues

Per Email from [REDACTED]  
We did the Hychecks (please see attached file). This corrects the deficiency found during the inspection.  
Thank you,  
[REDACTED]

07/16/20

5120

06/30/20

1. When labelling the ethanol bottle please clarify if it is a diluted date or date of expiry.  
2. Please replace cardboard with plastic container for storing items.  
3. Hycheck slide has expired. Please contact [REDACTED] of ACS regarding this matter. Please correct within two weeks.

No Significant Issues

Email from [REDACTED]:  
Hello [REDACTED]

08/05/20

I reached out to [REDACTED] to clarify the hycheck expiration deficiency. It appears that the wrong paperwork must have been shown during the inspection. The current hycheck is attached and does not expire until November.

Another email on 8/10/20:  
We addressed points 1 and 2.

5130

06/30/20

1. Please use plastic container instead of cardboard box for storing item. Please store stuff up off the floor.  
Please see comment on hycheck on the comment's box.

No Significant Issues

Per email from [REDACTED]:  
Hello,  
I have our updated HyCheck attached to this email. Additionally, we are in the process of switching out the storage boxes for plastic bins and have moved the boxes such that they are not in contact with the floor. Please let me know if you need any other information.  
Cheers,  
[REDACTED]

07/23/20

## DSB 0205

Sort Excel	Area Room#	Date of Inspection	Response - n-sible for	Minor Issues	Response - sible for Signific	Significant Issues	Time Frame	Correction or Plan	Date Corrected / addresse
5410		06/25/20		Hood certification has expired. Please contact EH&S to re-certify it.		No Significant Issues		Email from : EHS has re-certified the fume hood in	07/12/20

## FSN 0475

Sort Excel	Area Room#	Date of Inspection	Response - n-sible for	Minor Issues	Response - sible for Signific	Significant Issues	Time Frame	Correction or Plan	Date Corrected / addresse
5980		06/05/20	ACS	Rust on floor drain and ceiling air duct needs to be removed/replaced. Rust compromises the ability to effectively disinfect the room.		No Significant Issues		Email from : We start painting this week. Air vents are cleaned and repainted. The light repair is underway and we also plan on replacing the light covers. The work has started.	06/29/20
5990		06/05/20	ACS,	Rust on floor drain and ceiling air duct. Please remove/replace rust. Rust compromises the ability to effectively disinfect the room.		No Significant Issues		Email from : We start painting this week. Air vents are cleaned and repainted. The light repair is underway and we also plan on replacing the light covers. The work has started.	06/29/20
6010		06/05/20	ACS,	Rust on floor drain, ceiling air duct and ceiling light bezel. Please remove/replace rust. Rust compromises the ability to effectively disinfect the room.		No Significant Issues		Email from : We start painting this week. Air vents are cleaned and repainted. The light repair is underway and we also plan on replacing the light covers. The work has started.	06/29/20
6020		06/05/20	ACS	Chair in room has a crack in the padding, exposing foam. Please replace the chair as all surfaces in animal room must be sanitizable.		No Significant Issues		Email from : We start painting this week. Air vents are cleaned and repainted. The light repair is underway and we also plan on replacing the light covers. The work has started.	06/29/20
6030		06/05/20	ACS	Rust on ceiling air duct and floor drain. Please remove/replace rust. Rust compromises the ability to effectively disinfect room.		No Significant Issues		Email from : We start painting this week. Air vents are cleaned and repainted. The light repair is underway and we also plan on replacing the light covers. The work has started.	06/29/20

# MBI 0059

Sort Excel	Area Room#	Date of Inspection	Responsible for	Minor Issues	Responsible for Significant	Significant Issues	Time Frame	Correction or Plan	Date Corrected / address
740		07/08/20	Unknown	The perfusion hood - the metal plate (central piece - 1 of 3 - below the metal grate) is missing. Please replace within two weeks.		No Significant Issues		<p>Email from : Hi I was away last week. Sorry for any delays in responding.</p> <p>My response for the report is that I will work with the MBI administration to track down the missing metal grate for the fume hood. If delays should occur I will advise users to temporarily use other fume hoods while the one indicated in the report is updated. I am copying for help with this matter. Thank you.</p> <p></p> <p>Email to - 8/7/20: Thank you ,  Could you update us later once it is fixed?</p>	08/05/20
770		07/15/20		<p>Whistle Blower poster must be posted either outside or within the lab area.</p> <p>Mechanisms for reporting concerns should be posted in prominent locations in the facility and on applicable institutional website(s) with instructions on how to report the concern and to whom. Per the Guide for the care and use of Laboratory animals: Multiple points of contact, including senior management, the IO, IACUC Chair, and AV, are recommended. The process should include a mechanism for anonymity, compliance with applicable whistleblower policies,</p>		No Significant Issues		<p>Per email from : Hi</p> <p>I hope you're having a pleasant Monday afternoon! Thanks so much for helping the inspection process go so smoothly.</p> <p>I'm attaching a photo of the posted Whistleblower sign (it's right above the light switch as you leave so it's impossible to miss).</p>	07/21/20



nondiscrimination against the concerned/reporting party, and protection from reprisals.

Also, we've ordered two Deltaphase Isothermal Pads in two sizes, and will see which is best suited for our transportation cart when moving anesthetized animals from the behavior rooms to the imaging facility to avoid hypothermia.  
[\(Small Deltaphase pad\)](#) [\(Large Deltaphase pad\)](#)

07/21/20

Thanks so much for your help!

970	07/01/20	Expired Sweetner (June 30th 2018). Disposed onsite by a Kalene Jasso (staff member of the McIntyre lab).	No Significant Issues	Expired Sweetner disposed onsite.	07/01/20
1030	06/29/20	Hychecks are overdue. Please perform within two weeks of receipt of this report.  Efficacy of sanitization in animal housing spaces, procedure rooms, and equipment that is maintained by investigators will be monitored and documented every 6 months; per the UF IACUC and ACS guidelines based on recommendations from The Guide and the Animal Welfare Act. <a href="https://my.acs.ufl.edu/guidelines/VerificationofSanitizationofInvestigator.pdf">https://my.acs.ufl.edu/guidelines/VerificationofSanitizationofInvestigator.pdf</a>	No Significant Issues	Per email from [REDACTED]: [REDACTED] lab is responsible for the hychecks in [REDACTED]. These were verified as completed/passing by the inspection team that day. I have attached a copy for your records. Please let me know if you have any questions.	07/23/20
1081	06/29/20	All components of the animal facility should be regularly cleaned and disinfected. Cardboard and other porous items such as cloth chairs should be removed (or covered with a sanitizable surface) as they cannot be appropriately disinfected.	No Significant Issues	Email from [REDACTED]: We have removed the fabric chairs and cardboard boxes from [REDACTED]	07/31/20
1270	07/15/20	Cardboard box maintain on procedure room floor. - Please use plastic container for store items.  All components of the animal facility should be regularly cleaned and disinfected. Cardboard and other porous items such as cloth chairs should be removed (or covered with a	No Significant Issues	Email from [REDACTED]: Cardboard box was removed from the room. Storage will be performed in containers that can be cleaned in future	08/05/20

1170			sanitizable surface) as they cannot be appropriately disinfected.			08/05/20
1190		07/15/20	No Minor Issues	<p>Expired buprenax was found. Please appropriately dispose of expired materials (plan for reverse distribution for controlled substances) and create a drug inventory system to routinely monitor all substances used. Addressed on site.</p> <p>Regulatory guidance for these deficiencies: no drugs, fluids, medical supplies or devices may be used beyond their expiration date on or in live animals (one exception: for acute terminal procedures, not including expired drugs or fluids) per UF IACUC Policy, USDA Animal Care Policy Manual."</p>	Addressed on site.	07/15/20
1240		07/15/20	<p>No thermos-hygrometer maintained in room used for animal procedures and short term housing (&lt; 48 hrs), no current or previous room logs to support monitoring of room temperature is conducted when the room is occupied by animals (no animal present in the room at time of inspection)</p> <p>Per the IACUC Policy "Policy for the Establishment of a Satellite Animal Facility - Housing Animals Outside of the Designated Laboratory Animal Housing Facilities Managed by ACS"                      "Temperature and humidity must be monitored and recorded on a daily basis to ensure adequate levels of these environmental factors are maintained in the study area."  <a href="https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Policy-for-Housing-Animals-Outside-of-ACS-2017.pdf">https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Policy-for-Housing-Animals-Outside-of-ACS-2017.pdf</a></p>	No Significant Issues	<p>Email from :                      At present we are not doing any experiments that require animals to be housed in this room, and it is unlikely that we will do any in the near future. Our protocol, 3451, allows for 2 hours of telemetry recording in this room. When we do recordings in this room we will add the temperature and humidity recording device to the room and keep the necessary records.</p>	08/05/20
1330		06/04/20	ACS Rusty ceiling access tile and light fixture	No Significant Issues	<p>Email from :                      Good Morning,</p> <p>Work order numbers #15582 and 15581. Both are still pending.</p>	07/29/20

1440	06/25/20	<p>1) The cloth heating pads cannot be appropriately sanitized. Please replace with a source that may be sanitized, or cover with foil or plastic material as discussed during the visit. Please note this was also discussed during the fall 2019 inspection as well.</p> <p>2) Efficacy of sanitization testing for Mauer lab is overdue (per the hycheck form in the room- 2019)</p>	No Significant Issues	<p>1. Per [REDACTED] email 6/30/20: I'll use foil until I can find a suitable sanitizable cover, the remedy I thought was covering them with the diapers that have a waterproof side and disposing of them every day.</p> <p>2. Per [REDACTED] email 6/30/20: Our last hy-check samples were taken on 1/6/2020, so we should be good through 7/6/20. I have attached a copy of the 1/8/20 report. As we are approaching the renewal date, I will be conducting the sampling again in the next few days.</p> <p>Thanks, [REDACTED]</p>	06/30/20
1580	06/29/20	<p>Hychecks are overdue. Please complete within two weeks of receipt of this report.</p> <p>Efficacy of sanitization in animal housing spaces, procedure rooms, and equipment that is maintained by investigators will be monitored and documented every 6 months; per the UF IACUC and ACS guidelines based on recommendations from The Guide and the Animal Welfare Act. <a href="https://my.acs.ufl.edu/guidelines/VerificationofSanitizationofInvestigator.pdf">https://my.acs.ufl.edu/guidelines/VerificationofSanitizationofInvestigator.pdf</a></p>	No Significant Issues	<p>Email from [REDACTED]: Hi [REDACTED] Please find the attached passing Hycheck results for AMRIS facility. This test was done in March 17,2020. The inspector said she can access to the test result so no need for me to email it.</p> <p>Please let me know if you need more info.</p>	07/21/20
1613	06/29/20	<p>The laminar flow hood is overdue for certification. In order to ensure a safe work area and that the hood is functioning properly, please schedule re-certification within two weeks of receipt of this report.</p>	No Significant Issues	<p>Email from [REDACTED]: Thank you. We will get the good recertified. Please arrange with [REDACTED] or [REDACTED] people, [REDACTED]</p>	08/07/20

## MCCB 0496

Sort Excel	Area Room#	Date of Inspection	Respon- n- sible for	Minor Issues	Respon- sible for Signific	Significant Issues	Time Frame	Correction or Plan	Date Corrected / addresse
11443		06/22/20		<p>This room need to be added to Non-ACS housing list. The PI needs to be provided a copy of the Non ACS Housing policy. Completed</p> <p>1. No documentation of animal checks since the animals arrived two weeks ago. Animals need to be checked daily and daily check records need to be maintained and be available to the inspectors during inspections. Please start documentation immediately</p> <p>2. Room to be reactivated in the ACS eHealth system so that ACS is vet staff are aware that animals are housed here and of any issues. Please contact the ACS front office immediately to get this accomplished.</p> <p>3. IACUC to discuss and schedule another visit with the non ACS housing team within two weeks.</p> <p>Comment - There are no animal welfare issues here, the animals appear to be okay.</p>		No Significant Issues		<p>Per email from</p> <p>We appreciate the help and guidance in complying with the IACUC and ACS requirements. All of the deficiencies referenced in the document you sent have been addressed. We addressed them right away and are now communicating with ACS directly to ensure the room is "turned on" in the system and animal numbers and sicklists are being tracked daily. We have also corrected the documentation of daily checks and this has been recorded since the day of the last inspection. We also met with ACS staff to clarify policy changes and specific requirements regarding submitting sicklists and "ordering" animals.</p>	07/14/20

## MSB 0445

Sort Excel	Area Room#	Date of Inspection	Respon- n- sible for	Minor Issues	Respon- sible for Signific	Significant Issues	Time Frame	Correction or Plan	Date Corrected / addresse
6351		07/02/20		<p>1. Balance/scale need to be calibrated.</p> <p>2. Hycheck slide needs for auto clave</p> <p>3. Please lable bleach bottle with the date.</p> <p>4. Oxygen cylinder need to be properly secured.</p> <p>- 2 weeks from the receipt of this report.</p>		No Significant Issues		<p><b>From:</b></p> <p><b>Sent:</b> Thursday, August 6, 2020 11:31 AM</p> <p>They were secured in the first place. During inspection it was not discussed with us what was the issue. So I assume the chain on one of the tanks was not tight enough.</p>	08/06/20

**From:** [REDACTED]  
[REDACTED]  
**Sent:** Thursday, August 06, 2020  
11:29 AM

**To:** [REDACTED]  
[REDACTED]  
**Subject:** RE: IACUC - Semi Annual  
Inspection Report - MSB-0445-  
[REDACTED] - Response Required

Thank you [REDACTED]. Just  
wondering how you secured the  
oxygen cylinder. Did you contact  
EH&S to properly secure it?

Best,

[REDACTED]

**From:** [REDACTED]  
[REDACTED]  
**Sent:** Thursday, August 6, 2020 11:23  
AM  
**To:** [REDACTED]  
[REDACTED]  
**Subject:** RE: IACUC - Semi Annual  
Inspection Report - MSB-0445-  
[REDACTED] - Response Required

Hello [REDACTED]

Please see response below:

1. Balance/scale need to be calibrated. – balances were removed from use and will be calibrated as soon as we get standard weights kit
2. Hycheck slide needs for auto clave – it was scheduled and will be accomplished in the next 5 days
3. Please label bleach bottle with the

date. - done  
4. Oxygen cylinder need to be properly secured. – done.

08/06/20

6360 [REDACTED] 07/02/20 [REDACTED] Isoflurine Vaporizer calibration has expired. Please get this recalibrated within two weeks.

No Significant Issues

Hi [REDACTED] 07/24/20

This is a response to the inspection report with two deficiencies listed.

The following has been done:

1. We have sharpened a guillotine and recorded this in the lab log.
2. The vaporizers will be certified on Monday, August 3, 2020. The confirmation letter is attached.

Thanks,

[REDACTED]  
[REDACTED]  
Anesthesiology and Neuroscience

6370 [REDACTED] 07/02/20 [REDACTED] 1. Isoflurine vaporizer calibration has expired. Please get this recalibrated within two weeks.  
2. Guillotine need to be sharpened - 2 weeks from receipt of this report.

No Significant Issues

Per email from [REDACTED] 07/24/20

Hi [REDACTED]  
This is a response to the inspection report with two deficiencies listed.

The following has been done:

1. We have sharpened a guillotine and recorded this in the lab log.
2. The vaporizers will be certified on Monday, August 3, 2020. The confirmation letter is attached.

Thanks,

[REDACTED]  
[REDACTED]  
Anesthesiology and Neuroscience

6568 [REDACTED] 07/02/20 [REDACTED] Hycheck slide tests required and the results need to be maintained in the lab. Please contact [REDACTED] of ACS regarding this matter. Please correct within two weeks.

No Significant Issues

Email from [REDACTED]: 07/30/20

We are in contact with the company to do the calibration of the vaporizer. We will label the equipment as "Do not use until recalibrated".

Next week, we will do the Hycheck on all the missing rooms.



6630	07/02/20	ACS	Expired virkon and ethanol were found. Disposed on site.	No Significant Issues	Addressed on site.	07/02/20
6661	07/02/20		DEA licence is not up to date. Please address this concern 2 weeks from receipt of this report.	No Significant Issues	Email from [REDACTED] Thank you for your letter. These arrived during the shutdown and I neglected to put them in the folder. Please find my renewed DEA certificate and Florida exemption letter attached.	07/21/20
6664	07/02/20		Isoflurane vaporizer calibration has expired. Please label the equipment as "Do not use until recalibrated" and arrange for the calibration to be completed. Please comply within two weeks.	No Significant Issues	Email from [REDACTED]:  We are in contact with the company to do the calibration of the vaporizer. We will label the equipment as "Do not use until recalibrated".  Next week, we will do the Hycheck on all the missing rooms.	07/30/20
6665	07/02/20		Isoflurane vaporizer calibration has expired. Please label the equipment as "Do not use until recalibrated" and arrange for the calibration to be completed. Please comply within two weeks.	No Significant Issues	Per email from [REDACTED]: Thanks alot all The machine will not be used till calibration and meanwhile a paper stating that machine can't be used till calibration was hanged on the machine Please let me know if you have any questions Best [REDACTED]	07/22/20
6711	07/13/20		Hycheck slide tests required. Please contact [REDACTED] of ACS for this matter.	No Significant Issues	Email from [REDACTED]:  We are in contact with the company to do the calibration of the vaporizer. We will label the equipment as "Do not use until recalibrated".  Next week, we will do the Hycheck on all the missing rooms.	07/30/20

6775		07/02/20		1. Please label bleach and alcohol bottles with a made on or expiry date on it. - 2. Expired surgical gloves. Please dispose immediately or label as expired and keep segregated in a separate container or area labeled "expired materials only".	No Significant Issues			Email from : Yes, fresh bleach and ethanol solutions have been made and labeled with expiration dates. Expired gloves have been discarded.	08/06/20
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## NSC 0634

Sort Excel	Area Room#	Date of Inspection	Responsible for	Minor Issues	Responsible for Significant	Significant Issues	Time Frame	Correction or Plan	Date Corrected / address
11500		06/24/20		CO2 was not medical/pharmaceutical grade. Per the IACUC Policy For the Use of Medical Grade Gases in Animal Research Medical grade gases are regulated as finished pharmaceuticals and meet federal requirements to assure safety, identity, strength, quality and purity. Medical grade gases may be designated by the terms "USP," "Medical grade" or "Medical NF." Current standards for the veterinary care of research animals state that pharmaceutical grade medications should be used for routine medical treatment including anesthesia and euthanasia.		No Significant Issues		Per email: We ordered the medical-grade CO2 to replace the existing tank last week and anticipate that it will get delivered this week.	07/08/20

## PRPK 1040

Sort Excel	Area Room#	Date of Inspection	Responsible for	Minor Issues	Responsible for Significant	Significant Issues	Time Frame	Correction or Plan	Date Corrected / address
7100		06/08/20	ACS	- Metal Plate removed from the wall. Please replace. Wall needs to be repainted - Ceiling needs attention - sprinkler heads. Wall plate rusted, replace - Wall plate rusted. Replace. Please check all rooms. Please have a work order number in to the IACUC within two weeks.		No Significant Issues		Per email from : Good Morning,  Work order #2132228. They are working on replacing areas of the ceilings now and the painting.  Please let me know if you need any more information.	07/29/20

# PSYCH 0749

Sort Excel	Area Room#	Date of Inspection	Response - sible for	Minor Issues	Significant Issues	Time Frame	Correction or Plan	Date Corrected / address
7370		06/24/20		<p>Expired alcohol prep pads were found.</p> <p>Per the IACUC Policy on Expired Drugs, Supplies, and Materials for Use on In Animals expired drugs, fluids, medical supplies and devices cannot be used on or in live animals. All expired drugs, fluids, medical supplies and devices must be marked expired and separated from in-date drugs/materials or must be discarded on or before their date of expiration. The IACUC recommends that each laboratory establish an inventory procedure to facilitate identification and discarding of expired drugs, fluids, dilutions, mixtures, medical supplies, materials, and devices. An effective inventory system should be established to detect and dispose of expiring or expired medical materials.</p>	No Significant Issues		<p>Email from : We have disposed of the expired items and do have a record for items' expiration dates. This was due to the fact that we had not yet returned to research after being shut down for COVID.</p>	08/13/20
7390		06/24/20		<p>*Reoccurring Issue*</p> <p>In perfusion room, there is a large table used for tissue harvest that appears to be made of wood with peeling surface. No matter if live or deceased animals are used in the space, surfaces should be impervious and sanitizable from a human health perspective. If truly wood, painting or sealing it's surface may improve durability. Please discuss options with appropriate facility maintenance staff, and respond with a plan within 14 days of receipt of this report.</p>	No Significant Issues		<p>Email from : In terms of sealing the wood surfaces, we will use either polyurethane or epoxy resin coating to make them impervious to liquid.</p>	08/13/20
7420		06/24/20		<p>Expired cavicide was found</p> <p>Per the IACUC Policy on Expired Drugs, Supplies, and Materials for Use on In Animals expired drugs, fluids, medical supplies and devices cannot be used on or in live animals. All expired drugs, fluids, medical supplies and devices must be marked expired and separated</p>	No Significant Issues		<p>Email from : We have disposed of the expired items and do have a record for items' expiration dates. This was due to the fact that we had not yet returned to research after being shut down for COVID.</p>	08/13/20

from in-date drugs/materials or must be discarded on or before their date of expiration. The IACUC recommends that each laboratory establish an inventory procedure to facilitate identification and discarding of expired drugs, fluids, dilutions, mixtures, medical supplies, materials, and devices. An effective inventory system should be established to detect and dispose of expiring or expired medical materials.

7430	06/24/20		Chipped paint/exposed wood on the behavioral boxes. All surfaces must be sanitizable.	No Significant Issues	Yes, that will also be sealed with the polyurethane or epoxy. On Aug 13, 2020, at 4:17 PM, > wrote:  Thank you or the email. Could you also please let us know if the correction or a plan has been made for this deficiency? – Thank you,	08/14/20
7450	06/05/20	ACS	Cracks in floor, exposing concrete which compromises the ability to effectively disinfect room.	No Significant Issues	Email from : I have informed the building manager for the Psychology department, so they will schedule repairs to these floors.	07/11/20
7470	06/05/20	ACS	Cracks in floor, exposing concrete which compromises the ability to effectively disinfect room.	No Significant Issues	Email from : I have informed the building manager for the Psychology department, so they will schedule repairs to these floors.	07/11/20
7620	06/05/20	ACS	Cracks in floor paint exposing concrete and holes in wall which compromises the ability to effectively disinfect room.	No Significant Issues	Good Morning,  Work order # 15587 and 15586. Both are still pending.  Please let me know if you need any more information.  Thanks!	07/29/20
7620	06/24/20		Ceiling paint is chipping, all surfaces must be sanitizable, please repaint.	No Significant Issues	Email from : - this room is owned by ACS. WE have let them know about the deficiency and they will paint the ceiling.	07/29/20

Email from [REDACTED]:  
I am not sure if this room is actually owned by ACS or not, but there is a work order #15778 that is pending.

## SPACE LIFE 9999

Sort Excel	Area Room#	Date of Inspection	Respo n- sible for	Minor Issues	Respon- sible for Signific	Significant Issues	Time Frame	Correction or Plan	Date Corrected / addresse
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9805	[REDACTED]	06/09/20	[REDACTED]	Woods (marine treated plywood) used have to be sealed.		No Significant Issues		<b>From:</b> [REDACTED] <b>Sent:</b> Tuesday, August 4, 2020 12:23 PM	08/04/20
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Thank you for the quick response. I will proceed with covering the exposed plywood.  
Best regards

**From:** [REDACTED]

I think the laminate is a good idea.  
It will make it easier to wipe down and maybe allow the plywood to last longer.  
Thanks for the photos.

**From:** [REDACTED]

Hi [REDACTED]

The surfaces in question never come into contact with the animals. It's the piece of plywood on the floor that the acrylic biofilter tank sits on (its really there to protect the floor) and a piece of plywood that the acrylic tank sits on for support.

No we never sanitize it we just wipe it down when salt builds up (note we don't use any cleaners in the chamber as the animals are extremely sensitive).  
Due to the high levels of salt we just regularly wipe down all surfaces with a wet cloth or scrub pad.

To comply with the IACUC deficiency, I was planning on covering the exposed wood (the surface that the large acrylic tank sits on and the piece on the floor) with some PVC laminate.

I am attaching a photo of the overall system and



top-down image of the acrylic tank where the animal actual is located. This is how its been for the past 10 years.

08/04/20

Anyway, I want to take care of the noted deficiency but want to make sure my plans are acceptable to the UF IACUC so I don't have to change things later. With only a few months before my space flight I am nervous about making major changes.

Thank you



**From:** [REDACTED]



**Date:** Tuesday, August 4, 2020 at 11:16 AM

**To:** [REDACTED]



**Subject:** RE: Squid chamber 'sealing' marine plywood

Hi [REDACTED]

I totally agree that you should avoid painting the plywood.

Does this surface need to be sanitized? Is it in the enclosure?

If yes, then the laminate would work. It will fail eventually and then need to be replaced but so will the plywood.

If the plywood is not in the enclosure and does not need to be sanitized, then it is fine as is. I'm just not sure of your setup.

I hope this helps.



**From:** [REDACTED]

Dear [REDACTED],

I received notification from [REDACTED] that I needed to "seal" the piece of marine plywood that the biofilter system is sitting on in my squid chamber.

I wanted to double check with your with my potential solution to the problem to make sure



that it would be acceptable to the IACUC board.

08/04/20

Having worked in a marine lab for almost 30 years, I haven't never had luck with painting any surface as eventually it cracks and I don't want flecks of paint in the water system.

So I was hoping it might be acceptable to add a PVC laminate to the plywood surface essentially covering any exposed wood.

Would that be acceptable?

Thank you for your attention to this inquiry.

Best regards

## TRF 0118

Sort Excel	Area Room#	Date of Inspection	Responsible for	Minor Issues	Responsible for Significant	Significant Issues	Time Frame	Correction or Plan	Date Corrected / addressed
9709		06/22/20		<p>The following notes describe issues for all animal rooms in the facility. Many improvements have been made. There are previously noted concerns that are still in-progress. As we discussed, please consult with Facilities about the open ceiling, windows, and torn window screens; create SOP for pest control program; develop plans for maintaining recent repairs (including the sealed floors, painted brick, sealed wooden surfaces, and rust removal); ensure the Sick List is submitted daily when animals are present. Please make plans to schedule room ventilation re-testing (HVAC test and balance assessment), as this is due for the facility. Continue to refer to the Housing Animals Outside of ACS Policy for guidance on facility management.</p> <p>Please provide update in regards to each item within two weeks receipt of this report.</p>		No Significant Issues		<p>Email from</p> <ol style="list-style-type: none"> <li>1. We have discussed with UF Facilities the concerns about the open ceiling, windows, screens and we have put in work orders to fix these. They have not given us a time frame for the corrections yet, but we will follow up with Facilities on a weekly basis, till the corrections are performed.</li> <li>2. We have created an SOP for pest control – attached</li> <li>3. We have created an SOP for maintenance of floors, walls and wooden surfaces – attached.</li> <li>4. We have a double check on sick list submissions, to make sure they are submitted daily</li> </ol> <p>Room ventilation testing was performed by you on July 1, 2020 per</p>	08/05/20

information from the IACUC office. 08/05/20  
We have added this date to our NON-ACS housing form – attached.

## VCS 0215

Sort Excel	Area Room#	Date of Inspection	Responsible for	Minor Issues	Responsible for Significant	Significant Issues	Time Frame	Correction or Plan	Date Corrected / address
8450		06/19/20		Expired Capillary Tubes - May 31, 2020. Please dispose.		No Significant Issues		Per email from : Hi	07/23/20

The capillary tubes have been disposed of. Thanks -

## VMMET 0217

Sort Excel	Area Room#	Date of Inspection	Responsible for	Minor Issues	Responsible for Significant	Significant Issues	Time Frame	Correction or Plan	Date Corrected / address
9121		06/08/20		1) Expired glucose strips (2018) found. No drugs, fluids, medical supplies or devices may be used beyond their expiration date on or in live animals; they must be marked expired, separated from other materials, and/or discarded (one exception: for acute terminal procedures, not including expired drugs or fluids) per UF IACUC Policy and the USDA Animal Care Policy Manual. Please complete within two weeks of receipt of this report. <a href="https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf">https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Revised-IACUC-Policy-on-Expired-Materials-4-18-17-1.pdf</a>		No Significant Issues		Email from :	07/29/20

I have removed the expired items and will ensure that the chlorhexidine will be labeled properly from this point forward.

stable for longer than 30 days, please provide reference.  
<https://iacuc.ufl.edu/secure/wp-content/uploads/sites/3/Policy-for-Use-of-Anesthetic-Cocktails-and-Diluted-Drugs-in-Laboratory-Animals-11-15-16.pdf>

9190 06/08/20 ACS The cast iron piping in the back of the room is rusted. Please provide a plan and estimated timeline for removal and/or paint/other sealing within two weeks of receipt of this report. No Significant Issues Email from Hi submitted work order # 15406 for this citation on 15APR20. this room has been vacant for past year. Due to the room's vacant status, this work order is a low priority. ACS will not house any animals in until this has been resolved. We will notify the IACUC when this work order is completed. Please let me know if the IACUC has any questions.

9210 06/08/20 ACS There is an unmounted oxygen cylinder in this room. Please secure the cylinder for personnel and animal safety. Please provide response with plan and timeline within two weeks receipt of this report. No Significant Issues Per email from : Good afternoon The oxygen cylinder in was secured to the wall fence post for personnel and animal safety immediately after the IACUC site visit. This oxygen tank has since been relocated to where it is on an Oxygen cylinder cart that is secured to a wall fence post. Thank you!

## WALAN 3425

Sort Excel	Area Room#	Date of Inspection	Respon- sible for	Minor Issues	Respon- sible for Signific	Significant Issues	Time Frame	Correction or Plan	Date Corrected / addresse
9532		06/09/20		Bags of food and water have expired. Please dispose.		No Significant Issues		Email from The expired food and water were removed and disposed of the following morning June 10th, 2020. Email verifying that is attached.	07/10/20
9533		06/09/20		In room Disinfectant has expired found - please dispose it immediately.		No Significant Issues		Email from The expired disinfectant was disposed of on the spot when discovered during the inspection. Checking disinfectant bottle for expiration was discussed with the staff. As diluted bleach is the primary disinfectant, it is required to be made fresh daily.	07/10/20

# WANNUT 0478

Sort Excel	Area Room#	Date of Inspection	Response for	Minor Issues	Response for Significant	Significant Issues	Time Frame	Correction or Plan	Date Corrected / address
9551		07/08/20		<p>1) Biosafety cabinet due for re-certification. Please perform prior to re-use.</p> <p>2) Please organize and group items used for animals; separate from non-animal use items. For example, the folded cardboard boxes behind the autoclave can be moved to a separate storage room/area.</p> <p>3) There are areas on walls/floors where paint is peeling. Please have these areas touched-up to ensure they are properly sealed.</p> <p>4) There is an unlabeled glass vial with unknown solution. Please properly dispose of, and remember to label all solutions (name, made/expiry dates, any safety info, etc.).</p> <p>Please respond with plan and potential timeline for each item within two weeks receipt of this report.</p>		No Significant Issues		<p>Email from :  <b>Comment 1.</b> Biosafety cabinet due for re-certification. Please perform prior to re-use.  <u><b>Response:</b></u> On 07/09/2020 precision air was contacted, and the biosafety cabinet was re-certified on 07/17/2020. <b>Completed.</b>  <b>Comment 2.</b> Please organize and group items used for animals; separate from non-animal use items. For example, the folded cardboard boxes behind the autoclave can be moved to a separate storage room/area.  <u><b>Response:</b></u> The items in this room will be organized according to usage. We have requested access to a storage room to keep items that are not related to animal work. <b>Will be completed by 08/15/2020.</b>  <b>Comment 3.</b> There are areas on walls/floors where paint is peeling. Please have these areas touched-up to ensure they are properly sealed.  <u><b>Response:</b></u> The areas on floor/walls where paint is peeling will be re-painted to ensure proper sealing. <b>Will be completed by 08/15/2020.</b>  <b>Comment 4.</b> There is an unlabeled glass vial with unknown solution. Please properly dispose of, and remember to label all solutions (name, made/expiry dates, any safety info, etc.).  <u><b>Response:</b></u> All unknown solutions were properly disposed of and all flasks will be properly and clearly labeled. <b>Completed.</b></p>	07/30/20
9555		07/08/20		<p>There are cracked floor and wall tiles at the threshold and in corners of this room. Recommend replacing tiles in areas with cracks, thoroughly cleaning entire floor, and then sealing entire floor. Recommend consulting with facilities or outside service to assist. ACS hychecks may be used to ensure proper sealing (lack of pathogen growth). Please develop plan to maintain floors once complete.</p> <p>Please respond with plan and potential</p>		No Significant Issues		<p>Email from :  <u><b>Response:</b></u> We are currently working with UF Facility services and with an outside contractor to repair and seal the floor. Once the work is complete, we will request and use ACS hychecks to ensure proper sealing and we will develop a SOP related to floor maintenance/repair. <b>Waiting for estimate completion date from UF Facility Services.</b></p>	07/30/20

1) Please clean around air vents in ceiling. Per The Guide, all components of the animal facility should be regularly cleaned and disinfected.

2) Please thoroughly clean floors and then seal. Recommend consulting with facilities or outside service to assist. ACS hychecks may be used to ensure proper sealing (lack of pathogen growth). Develop plan to maintain floors once complete.

## Room ■

1) Please label food with expiration date, or discard if expired.

2) Continue to develop plan for rust removal and maintenance for stainless steel sink.

3) There are areas of peeling paint on the floors and cracks on the walls. Please touch-up these areas to ensure they are sealed, and develop maintenance plan.

Please respond with plan and potential timeline for each item within two weeks receipt of this report.

■ 29.

**Comment 1.** Please clean around air vents in ceiling. Per The Guide, all components of the animal facility should be regularly cleaned and disinfected.

**Response:** The areas around the air vents and ceiling will be cleaned up and will also be included in the routine cleaning procedures of the room.

**Completed.**

**Comment 2.** Please thoroughly clean floors and then seal. Recommend consulting with facilities or outside service to assist. ACS hychecks may be used to ensure proper sealing (lack of pathogen growth). Develop plan to maintain floors once complete

**Response:** We are currently working with UF Facility services and with an outside contractor to seal the floor. Once the work is complete, we will request and use the ACS hychecks to ensure proper sealing and we will develop a SOP related to floor maintenance/repair. **Waiting for estimate completion date from UF Facility Services.**

## Room ■

**Comment 1.** Please label food with expiration date, or discard if expired.

**Response:** All food will be properly labeled and promptly disposed of when expired. **Completed.**

**Comment 2.** Continue to develop plan for rust removal and maintenance for stainless steel sink.

**Response:** We will remove the stain from the sink and develop an SOP for its maintenance. **Will be completed by 08/07/2020.**

**Comment 3.** There are areas of peeling paint on the floors and cracks on the walls. Please touch-up these areas to ensure they are sealed and develop maintenance plan.

**Response:** The areas on floor/walls where paint is peeling will be re-painted to ensure proper sealing. Once the work is completed, we will develop a SOP related to floor maintenance/repair. **Will be completed by 08/15/2020.**

## WFMEL 4240

Sort Excel	Area Room#	Date of Inspection	Response - sible for	Minor Issues	Response - sible for Significant	Significant Issues	Time Frame	Correction or Plan	Date Corrected / address
9870		06/09/20		Rooms : ethanol and bleach bottles have no dates. Please label them with the expiration dates.		No Significant Issues		Per email from All bottles will be properly labelled. Containers for mop storage will be provided.	07/23/20

## WFMEL 4242

Sort Excel	Area Room#	Date of Inspection	Response - sible for	Minor Issues	Response - sible for Significant	Significant Issues	Time Frame	Correction or Plan	Date Corrected / address
9890		06/09/20		AC (window unit) does not work at the time of inspection. Temperature and humidity are high - Repaired need to be done immediately. Using splash safe bleach as disinfectant- unfortunately this kind of bleach does not disinfect. Please use proper disinfectant.		No Significant Issues		Per email from A/C unit has been fixed. Regular bleach will be used from now on.	07/23/20

## WMICRO 0981

Sort Excel	Area Room#	Date of Inspection	Response - sible for	Minor Issues	Response - sible for Significant	Significant Issues	Time Frame	Correction or Plan	Date Corrected / address
7931		07/08/20		The air conditioning in this vehicle is not working. Please repair prior to using vehicle to transport animals.  Please respond with corrective plan/potential timeline within two weeks receipt of this report.		No Significant Issues		Per email from : The vehicle (#4675) has been repaired and its AC is working now.	07/27/20

## WPST 0746

Sort Excel	Area Room#	Date of Inspection	Response - sible for	Minor Issues	Response - sible for Significant	Significant Issues	Time Frame	Correction or Plan	Date Corrected / address
10044		06/24/20		*Reoccurring Issues* No hychecks/sanitization logs present. Per the IACUC Policy on Sanitization, Multiple use equipment, must have microbiological monitoring and		No Significant Issues		Per email from : We are still in the process of getting the hychecks done. I will email when we get results back. Thanks!	07/21/20



documentation of that assessment to validate the sanitization methodology. ACS is available for microbiological testing or to consult on appropriate methodology or equipment for sanitation.

Documentation of microbiological assessment will be audited at semi-annual inspections (every six months).

Updated: 7/29/20 - email from [REDACTED] 07/21/20  
I've attached the results of our recent hycheck. Thanks!

10047	[REDACTED]	06/24/20	[REDACTED]	<p>*Reoccurring issues*</p> <p>Hychecks are not being performed on multiuse equipment/sanitization logs not present. Per the IACUC Policy on Sanitization, multiple use equipment, must have microbiological monitoring and documentation of that assessment to validate the sanitization methodology. ACS is available for microbiological testing or to consult on appropriate methodology or equipment for sanitation.</p> <p>Documentation of microbiological assessment will be audited at semi-annual inspections (every six months). Expired buprenorphine was found, it was properly labeled on site and was not being used.</p> <p>Expired hydrogel was found and thrown out on site.</p>	No Significant Issues		<p>Per email from [REDACTED] 07/21/20</p> <p>We are still in the process of getting the hychecks done. I will email when we get results back. Thanks!</p> <p>Updated: Email from [REDACTED]</p> <p>I've attached the results of our recent hycheck. Thanks!</p>
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## WWHIT 1012

Sort Excel	Area Room#	Date of Inspection	Respo n- sible for	Minor Issues	Respon- sible for Signific	Significant Issues	Time Frame	Correction or Plan	Date Corrected / addresse
10241	[REDACTED]	06/09/20	[REDACTED]	A bottle of ethanol with no expiration date. Please lable with expiration date - immediate		No Significant Issues		<p>Email from [REDACTED]:</p> <p>Greetings [REDACTED] -</p> <p>We will monitored the temperature and the ETOH is fixed.</p> <p>[REDACTED]</p>	08/06/20
10259	[REDACTED]	06/09/20	[REDACTED]	No date on ethanol bottle. Please label it with expiration date - immediate		No Significant Issues		<p>Per email from [REDACTED]:</p> <p>Hello [REDACTED]</p>	07/24/20

Sorry for the late reply. We have fixed both of the issues that were raised. We are now recording the temperature values in the daily log. We also check and log the water level in the tanks daily, which is perhaps the equivalent of humidity for aquatic animals. Finally, we have added an expiration date to the ethanol bottle based on manufacturer recommendations.

Regards,

10300

06/09/20

Reoccurring issue:  
Room high/low temperature and humidity are not being monitored. Per the UF Housing Animals Policy, Temperature and humidity must be monitored and recorded on a daily basis to ensure adequate levels of this environmental factors are maintained in the study area.

No Significant Issues

Email from

08/06/20

Greetings, yes, I can confirm that.  
Sent by magical forces.

From: >  
Sent: Thursday, August 6, 2020 10:38:01 AM

Good morning

Thank you for the response. Please confirm that the temperature and humidity will be monitored and documented daily when animals are present.

Best,

From: >  
Sent: Wednesday, August 5, 2020 11:47 AM  
Annual Inspection - WWHIT-1012-

Greetings Uli -

We will monitored the temperature and the ETOH is fixed.

1032106/09/20There is no actual temperature in the log book.  
Temperature and humidity must be monitored and recorded on a daily basis to ensure adequate levels of these environmental factors are maintained in the study area.

No Significant Issues

Per email from  
Hello

07/24/20

Sorry for the late reply. We have fixed both of the issues that were raised. We are now recording the temperature values in the daily log. We also check and log the water level in the tanks daily, which is perhaps the equivalent of humidity for aquatic animals. Finally, we have added an expiration date to the ethanol bottle based on manufacturer recommendations.

Regards,

WWHIT 1012-T108

Sort Excel	Area Room#	Date of Inspection	Responsible for	Minor Issues	Responsible for Significant	Significant Issues	Time Frame	Correction or Plan	Date Corrected / address
10355	Bldg	06/09/20		Woods used for based need to be sealed		No Significant Issues		Per email from Thanks you - the floors are scheduled to be repainted.	07/23/20