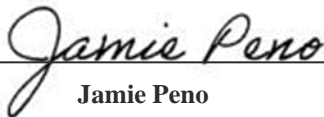
 <div> <div>DIVISION OF RESEARCH & INNOVATION</div> <div>Research Integrity & Compliance</div> </div>		UNT Lab Animal Facility Standard Operating Procedures	
<p align="center">Title: Pest Control in the UNT LAF</p>			
Effective Date:	August 15, 2021	Document Number:	LAF-SOP-05-10.00
<p>Approval/Date:</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  _____ Jamie Peno Assistant Vice President, Research Integrity and Compliance </div> <div style="text-align: center;"> 8/15/2021 _____ Date </div> </div>			
REVISION HISTORY			
Date	Section	Author	

PURPOSE

Regulations require that animal housing and procedure areas be maintained appropriately to provide a healthy environment for animals that is free of pests. Measures should be taken to ensure the minimization and eradication of any pests in a manner that is also safe for the animals housed. The LAF has established procedures for effective sanitation and disinfection and measures to ensure all areas are free of pests.

SCOPE

It is the responsibility of the Principal Investigator and their research staff to follow all guidelines and procedures in the LAF to help ensure a clean and well maintained animal environment and to report any pests or noticed areas of concern to LAF Management promptly.

It is the responsibility of LAF Management to maintain cleanliness protocols and pest control measures in the facility and to coordinate with UNT facilities to ensure safe pest control practices are used.

DEFINITIONS AND ABBREVIATIONS

UNT- University of North Texas, Denton
 IACUC- Institutional Animal Care and Use Committee
 AUP- UNT approved Animal Use Protocol
 SOP/SOP's- Standard Operating Procedure(s)
 LAF- Laboratory Animal Facility
 AV- Attending Veterinarian
 PI- Principal Investigator

PROCEDURES

- I. Pest Control Measures in the LAF**
 - A.** All windows, doors and exterior walls are sealed appropriately to prevent entrance of pests and predators.
 - B.** Interior drains are routinely flushed and all surfaces, drains, pipes, vents, and fixtures are routinely cleaned and checked for cracks and leaks and repaired as needed.
 - C.** Food and Drink for human consumption are not allowed in the LAF outside of breakrooms/ office space.
 - D.** Animal feed and bedding are kept in the LAF walk-in refrigerator in secondary, sealed containers off of the floor and away from the wall. All are routinely checked for expiration and infestation.
 - E.** Animal housing, procedure spaces, and storage areas are kept free of clutter and trash, items are organized and maintained off of the floor and are routinely disinfected.
 - F.** Trash, animal waste and debris, and carcasses are stored appropriately to discourage harbourage of pests and are removed from the facility routinely and promptly.
- II. Pest Elimination Procedures**
 - A.** Should a notable pest issue or infestation arise that requires extermination methods:
 - 1. All efforts should be first made to use physical methods such as live or lethal traps that would not cause harm to the LAF facility animals being housed.
 - a) Methods and protocols for their use must be developed with the UNT AV and strictly adhered to.
 - b) All methods of trapping must be deemed humane in accordance with The Guide and checked daily.
 - c) Live animals trapped should be humanely euthanized and disposed of appropriately or released to the appropriate local agencies.
 - d) Methods of trapping should be targeted to prevent capture and/or harm to housed animal species.
 - 2. As a last resort, If the use of non-toxic pesticides are required:
 - a) Methods and protocols for their use must be developed with the UNT AV and strictly adhered to.
 - b) Products and procedures must ensure targeted and controlled methods are used that will not affect research animals and and provide a low risk of secondary poisoning.
 - c) Must be deemed effective and humane in accordance with The Guide.
 - B.** Documentation of pest issues and resolutions will be maintained by LAF Management and made available to inspecting regulatory agencies by request.

REFERENCES

- 1. UNT Animal Research Policies and Procedures

APPENDECES

- Lab Animal Facility Procedures