

Memorandum to: Michele R. Kennett, JD, MSN, LLM; Institutional Official and Associate Vice Chancellor for Research

From: Institutional Animal Care and Use Committee

Subject: Semiannual Report of the Program Review and Facility Inspection

Date: December 3rd, 2019

This report summarizes the IACUC's results of its most recent program review and facility inspection, as required by the Public Health Service (PHS) Policy on Humane Care and Use of Laboratory Animals ([Policy](#)), Section [IV.B.1.-3.](#), the *Guide for the Care and Use of Laboratory Animals* ([Guide](#)), and the Animal Welfare Act ([AWA](#)) regulations, as applicable. Submission of semiannual reports to the Institutional Official is a condition of this institution's Animal Welfare Assurance with the NIH Office of Laboratory Animal Welfare (OLAW).

Since the last review, the following changes have occurred in the institution's program for animal care and use (PHS Policy [IV.A.1.a.-i.](#)): [optional]

See Attached (List)

I. Description of the Nature and Extent of the Institution's Adherence to the PHS Policy, the *Guide*, and the AWA

Departures from the PHS Policy, the *Guide*, and the AWA.

Select A or B:

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

See Attached (Spreadsheet)

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

Animal Care and Use Program Review Date(s): **12/3/19**

Select A or B:

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

III. Deficiencies in the Institution's Animal Facility

Animal Facility Inspection Date(s): **Inspections done on rotating schedule. See attached inspection reports for dates of individual inspections.**

Select A or B:

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

See Attached (Inspection Reports)

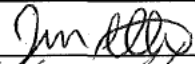
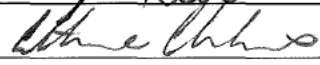

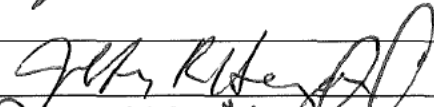
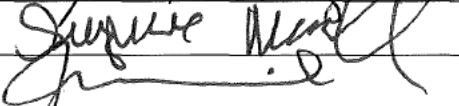

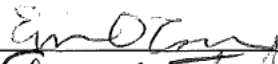
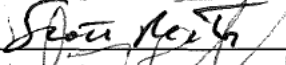
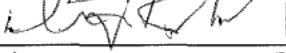
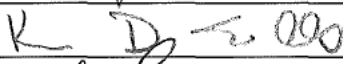
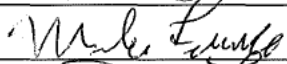
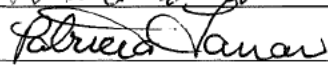
I. Minority Views

Select A or B:

☒ A. No minority views were submitted or expressed.☐ B. The following minority views were expressed: *[insert minority views here or attach]***II. Status of AAALAC Accreditation** *[identify accredited facilities, if applicable]*

Full Accreditation for the Following Facilities: School of Medicine, Dalton Cardiovascular Research Center, College of Arts and Sciences, College of Veterinary Medicine, Bond Life Sciences Center, Animal Resource Center (ARC) and National Swine Resource & Research Center

III. Signatures *[signatures of a majority of the IACUC members required by AWAR (§2.31,c,3), if applicable]*

Names of IACUC Members	Signatures
Jen Allen	
Catherine Chambers	
D Cornelison	
Jeffre Firman	
Eileen Hasser	
Jeff Henegar	
Suzanne Marshall	
Joel Maruniak	
Helen Mullen	
Kristi Nichols	
Erin O'Connor	
Scott Rector	
Don Reynolds	
Kevin Wells	
Mike Linville (Alternate)	
Pat Farrar (Alternate)	

University of Missouri - Program Changes – Fall 2019

Policies Updated:

- Outlying Farm Oversight
- Housing in Non-Designated Areas
- Adoption of Animals
- Cardiac Puncture
- Food & Fluid Restriction
- Freund's Complete Adjuvant – Antibody Production
- Image Recording

New Animal Species Added:

- None at this time

Protocol Form Updates:

- None at this time

Facility Improvements/Facilities Added or Removed:

- None at this time

Occupational Health & Safety Program Updates:

- None at this time

ACUC Training:

- ACUC Meeting Trainings
 - 7/2/2019: ACUC training – Committee Representation
 - 8/6/2019: ACUC training –Committee Representation
- Webinars
 - 9/26/2019: OLAW Webinar: "Application of the AVMA Guidelines for the Depopulation of Animals to Biomedical Research"
 - 10/29/2019: NABR Webinar: "Cautionary Tails: FOIA and Other Threats to Sustainability of Animal Research"

Departures from the Guide

ACUC Semiannual Program Review

Last Updated on:12/11/19

#	PI	Title	Species	Type Dev.	Description & Length of Deviation	Justification	Expires
8699	Adamovicz, Jeffrey J.	Animal models and therapeutics testing for Zika Virus (ZIKV)	Hamsters	Nonstandard Husbandry	Animals were single housed upon arrival and will remain single housed for the duration of the project to mitigate injury/distress associated with cage mate aggression.	Animals are adolescent/adult Syrian hamsters which are potentially aggressive when pair/group housed.	7/28/19
8783	Delafontaine, Patrice	IGF-1 and atherosclerosis in pigs	Pig	Nonstandard Husbandry	Swine larger than 100kg may be housed in 4x6' pens. It has been observed that they have sufficient room to move and turn around. Pigs will be housed in these pens for up to 1 week. Upon arrival at any of the OAR animal facilities, FH swine may initially be pair housed. However, once moved to MSB and surgical procedures are completed, paired housing will no longer be optimal for recovery (single housed up to 6 months).	It's been our experience that once animals are individually housed there's potential for fighting if paired post-recovery. Therefore, all swine must be individually housed throughout the remaining duration of the study (6 months).	7/21/19
8790	Brogan, David	Optimizing outcomes of peripheral nerve defect repairs: a comparison of primary repair, biologic splinting, and intercalary allograft in a rat model	Rat	Nonstandard Husbandry	Animals may be required to be singly housed for up to 16 weeks.	If animals are found to have evidence of their cagemates chewing on their limbs or the incision sites, they may be required to be singly housed.	9/8/19
8795	Maitz, Charles	Boron Neutron Capture for Infection Control	mouse	Nonstandard Husbandry	Mice singly housed for up to one week.	Prevent other mice from disrupting surgery site.	1/3/21

8813	Prather, Randall S.	Nuclear Transfer and Cloning Transgenic Pigs: Reproductive Biology	Pig	Nonstandard Husbandry	<p>At our various locations, animals (piglets, gilts, sows and boars) may be housed individually for life. Individually housed animals will still have pigs in close proximity allowing them to have vocal, visual, olfactory and nose-to-nose contact.</p> <p>C-Section-derived piglets may be housed in rabbit cages or dog cages. We have been using this type of housing for the last 10 years with no apparent animal welfare issues. The following caging systems may be used: Stainless steel dog cages or rabbit cages (3' d x 4' w with Dri-deck flooring). This provides 11.6 sq ft of usable floor space (minus the feeder). Cages will be cleaned of gross contaminants daily and sanitized every 2 days. Miniature pigs will be housed in the dog cages up to 5 wks (3-4 kg) while domestic pigs will be housed up to 4 wks (~7 kg). Cage use will be discontinued before the piglets are tall enough to rub their back on the center divider, or are unable to perform normal postural adjustments.</p>	<p>The reason for the individual housing is that many of these animals are genetically engineered or a surrogate carrying genetically engineered animals, which makes them unique and very valuable. Typically these genetically engineered animals are the first in the world for their modification. Individual housing will limit any animal-induced injuries. We have been housing animals individually and in small groups for the past 20 years with no apparent issues.</p> <p>Dog/Rabbit Cages: The crates & cages allow for a micro-environment in which temperature can be raised to an appropriate level for small piglets. Individual housing in cages will help prevent exposure to pathogens.</p>	8/10/19
8818	Cook, James L.	Canine Model for Diagnosis and Treatment of Spine Disorders and Diseases	Dog	Non-Standard Husbandry	Dogs are singly housed for their entire study period but are socialized daily with other dogs, which can include dog-to-dog interactions, in a common area during kennel cleaning and with other dogs and humans during walking episodes.	Dogs are singly housed for safety reasons (preventing complications and trauma from self and other dogs).	8/8/19
8820	Booth, Frank W.	Optimal peak lifecourse functional values	Rat	Nonstandard Husbandry	Rats will be housed singularly up to 21 weeks with wheels for running in order to record distances and times of running for individual animals. Controls will also be housed individually. Any rat that has undergone surgery will be single housed until incision is healed sufficiently.	<p>Rats will be single housed with wheels for running in order to record distances and times of running.</p> <p>For healing of incisions.</p>	8/23/19
8836	Duan, Dongsheng	AAV Gene therapy in a canine model of muscular dystrophin deficient disease	Dog	Non-Standard Husbandry	Dogs will be singly housed for up to 72 hours.	Dogs will be singly housed following muscle biopsies to allow healing & when being video recorded in the dog run for gait analysis.	1/30/20
8889	Sowers, James R.	Angiotensin II, Overnutrition and Insulin Resistance in Cardiovascular Tissue	Mouse	Non-Standard Husbandry	Animals will be singly housed for up to 20 weeks	To prevent crosstalk of implanted telemetry devices	1/10/20

8893	Amelon, Sybill K.	Conservation of North American Bat Species	Bats	Nonstandard Husbandry and Food/fluid Restriction	Bats will be housed singly and fasted while in metabolism cages (up to 24 hours)	Single housing and fasting will eliminate confounding variables, and allow for fecal collection. Metabolism is altered by eating.	1/9/20
8907	Emter, Craig A.	The Effects of Exercise Training on Left Ventricular and Coronary Vascular Function and Remodeling in Heart Failure	Pig	Non-Standard Husbandry	Singly housed following surgery for up to 6 months	Swine will be housed individually to prevent fighting and for post surgical recovery.	1/4/20
8908	Backus, Robert C.	Vitamin D status of adult dogs and supplementation intervention during insufficiency states	Dog	Non-Standard Husbandry	Dogs will be housed individually for up to 24 weeks.	Individual housing will allow individual feed data to be collected.	12/19/19
8917	Clarke, Lane L.	Epithelial ion transport in gene-targeted mouse models of cystic fibrosis	Mouse	Non-Standard Husbandry	Mice will be single housed for life.	Single housing improves survivability of the disease model.	12/14/19
8945	Fritsche, Kevin L.	DHA - neuroprotection in autism	Mouse	Non-Standard Husbandry	Female mice will be housed individually two weeks prior to breeding, through gestation and weaning (approx 8-10 weeks)	Reduce cannibalization of litters.	2/1/20
8962	Lockette, Warren	Funny Channels in Post-traumatic Stress Disorder	Mouse	Non-Standard Husbandry	Animals will be singly housed for three weeks.	Single housing is necessary to reproduce the social isolation that induces PTSD.	4/7/20
8969	Anderson, Deborah	Virulence and immunity to bacterial infections	Rat	Non-Standard Husbandry	Rats with telemetry transmitter implants are single housed for up to 25 days.	Necessary for individual monitoring/recording of telemetry data.	3/15/20
8973	Will, Matthew J.	Genetics, Environment, and Motivation in Drug-Induced Behaviors	Rat	Nonstandard Husbandry & Food Restriction	Rats will be housed singly for two weeks post-surgery. Rats will be limited to 16g food/rat/day for two weeks.	Single housing is necessary to prevent cage-mate-destruction of catheter placement. Food restriction is used to increase motivation for food reward and decrease training latency.	3/10/20
8981	Stich, Roger W.	Targeting the tick-pathogen interface for tick-borne disease control	Cow	Physical Restraint	Calves are cross-tied or in head stanchions during tick feeding (7-14 days)	Prolonged Restraint helps to prevent tick escape.	4/6/20
8988	Duan, Dongsheng	AAV Gene Therapy In Mouse model of Muscular Dystrophy	Mouse	Non-Standard Husbandry	Some mice will be singly housed for one week.	Single housing allows running distances to be recorded on running wheels.	3/29/20
8989	Texiero-Pernas, Emma	T cell development and T cell responses to infections and cancer	Mouse	Non-Standard Husbandry	"Aunting" is performed with trio breeding. Weaning may also be delayed to day 28.	Improve survivability of pups	3/31/20

9001	Schulz, Laura C.	The Role of Leptin in Placental Development	Mouse	Non-Standard Husbandry	Mice will be individually housed for 3-4 days in metabolic cages.	Mice are housed individually for food consumption and food preference tests and metabolic rate measurements. This is the only way to obtain measurements for individual mice.	4/18/20
9026	Ma, Richard	A rat model to investigate effect of graft force on healing after Anterior Cruciate Ligament (ACL) reconstruction	Rat	Nonstandard Husbandry	If animals are found to have evidence of their cagemates chewing on their limbs or the incision sites, they may be required to be singly housed for up to 6 weeks.	Prevention of injury	9/12/21
9047	Zhang, Shuping	Evaluation of novel antimicrobial peptides for the treatment of Pseudomonas aeruginosa skin infection using a mouse model	Mouse	Nonstandard Husbandry	Mice will be singly housed for the duration of the study (up to 7 days).	Mice will be singly housed after infection/treatment to prevent chewing/biting on each others bandages.	8/2/20
9062	Lobao, Elizabeth	3D biofabrication of hASC-based biomimetic osteochondral tissue and the role of extracellular calcium receptor	Pig	Non-Standard Husbandry	Pigs will be singly housed following surgery for up to 120 days.	Single housing prevents any interaction-related surgical complications.	6/7/20
9066	Bryda, Elizabeth A.	Zebrafish as a model for human disease-related processes and pathways	Fish	Non-Standard Husbandry	Fish may be singly housed for duration of experiment (3-4 wks). Fish may also be housed more densely than recommended in the Guide (3-4 wks).	PI is observing the effect of single vs. co-housing and housing density on behavior and associated molecular processes.	6/21/20
9067	Will, Matthew J.	Motivational circuits involved in drug and natural reward models	Rat	Non-Standard Husbandry & Food Restriction	Rats may be single housed for up to 5 weeks. They may also be deprived of food for up to 24 hours.	Rats are single housed to allow for running wheel measurements on individual animals. Food restriction is used to induce acute hunger to compare with a palatability driven feeding model.	6/12/20
9072	Pulakat, Lakshmi	The mTOR-miR-29-AT2R axis in cardiovascular diseases	Rat	Nonstandard Husbandry	Animals will be singly housed up to 20 weeks.	Animals will be single housed so that they can be individually dosed, food and water intake may be monitored, urine output can be measured/collected, and telemetry measurements can be collected. Rats recovering from surgery require single housing for their own recovery and safety.	8/7/20
9081	Clarke, Lane L.	CF Mouse Intestine: In Vivo Model for Pharmaceutical Testing	Mouse	Non-Standard Husbandry	After weaning, all mice are singly housed. Also, during the testing period (21 days), the mice will be housed in wire-bottomed cages.	Single housing the mice improves survival of the disease model mice, and controls must therefore be housed in the same manner. All singly housed mice are provided nestlets for enrichment. Wire bottom caging is used to prevent reingestion of feces and to facilitate monitoring of fecal output.	6/19/20

9091	Lorson, Christian L.	Therapeutic analysis in animal models of neurodegeneration	mouse	Nonstandard Husbandry	1. Weaning may be delayed for up to 28 days of age. 2. Water restriction overnight	1. In some of our affected strains (for ex, SMN-delta7, smn2B/-) weaning might be delayed up to 28 days of age, due to runting and underdevelopment of the pups at 21 days. If this occurs, we will monitor these breeding cages on a regular basis to ensure that if another litter is born during this period, the cages are not overcrowded and the neonates are not trampled by the older litter 2. Water is restricted overnight before fluoroscopy to motivate the animals to drink/lck during the	7/26/20
9112	Boerman, Erika M.	Vascular Function and Inflammatory Bowel Disease	mouse	Nonstandard Husbandry	Mice may be singly housed for 90 days.	IL10-/- mice are separated at weaning into either a control group or IBD group (receiving H.hepaticus gavage), and mice within each group are separated by sex. Depending on litter size and sex distribution, this sometimes results in a single-housed mouse.	12/7/20
9114	Baines, Christopher P.	Mechanisms of Mitochondrial-Dependent Cell Death and Disease	Rat	Nonstandard Husbandry	Single housing of rats: Breeding pairs are housed together until the female is pregnant and approaches the estimated delivery date, at which time the male is removed (single housing male 1 week and female until delivery)	Since in the past we noted that litters are often eaten if both adults stay in the cage, the male is separated from the female at that time and housed individually until either that same female or a different female is remated.	7/26/20
9115	Bowles, Douglas K.	Role of ion channels in lesion development	Mouse	Nonstandard Husbandry	Animals are singly housed for 7 days to 12 weeks	To prevent injury or discomfort following surgery	8/11/20
9130	Ozden, Ilker	Optogenetics-based brain stimulation for the treatment of movement disorders		Nonstandard Husbandry and Water restriction	Single housing: 1. Hemi-parkinsonian mice will be single housed for approximately 8 weeks. 2. Mice with chronic implants will also be single housed for approximately 8 weeks. Water restriction: Water intake will be limited to 1-2ml per day (no less than 1ml per day) for approximately 8 weeks.	Single housing: 1. Having cage-mates could give certain mice a disadvantage in the dominance hierarchy. 2. Typically the sensitive parts of our implants are protected from the reach of the implanted animal. However, under social-housing conditions, these implants are accessible to the littermates, which could easily reach and manipulate the implants, injuring the animal and terminating the experiment. Water restriction: We will use water reward for motivating the mice to perform a motor task.	10/13/20
9133	Bender, Shawn B.	Mineralocorticoid receptor-dependent coronary vascular dysfunction in obesity	Pig	Nonstandard Husbandry	Swine may be housed in pens smaller than standard husbandry size for up to 1 week. Swine may be single housed for up to 4 weeks post-op	Some Ossbaw swine may grow larger than 100kg but we may house the animals in a standard 4x6 pen for several days before and after surgery. However, it has been observed that swine of this size have sufficient room to move and turn around. Animals must be housed seperately after chronic instrumentation surgery to prevent injury or discomfort.	9/8/20

9159	Cummings, Kevin J.	Control of breathing, heart rate, blood pressure and sympathetic activity in serotonin-deficient rodents: Relevance to the Sudden Infant Death Syndrome, sleep apnea, and hypertension	Mice & Rat	Nonstandard Husbandry	Animals will be housed singly post surgery for up to 10 days.	Single housing will avoid cage-mates interfering with EEG/EMG and catheters.	10/4/20
9167	Cook, James L.	Canine Models for Diagnosis and Treatment of Lower Extremity Disorders	Dog	Nonstandard Husbandry	Dogs are singly housed for up to 104 weeks.	Dogs are singly housed for safety (preventing complications and trauma from self or others), but are socialized.	10/17/20
9168	OConnor, Erin	Assessment of treatment for Brugia pahangi in a Dog	Dog	Nonstandard Husbandry	Dog will be singly housed for the duration of ivermectin treatment and washout period (up to 3 years).	This dog is currently singly housed due to the release of unaltered ivermectin in his feces, which was shown to be affecting the microfilarial counts of the other beagles with which he was previously housed. He remains within sight of his former cagemates, but with one empty cage in between to prevent coprophagia.	10/17/20
9170	Leal, Manuel	Behavioral and Evolutionary Ecology of Lizards	Lizard	Nonstandard Husbandry	Lizards will be housed singly, and cages will be cleaned every 28 days.	<p>At the "laboratory field-site" lizards will be housed individually in 1/2 gallon plastic bags, and provided with a moist piece of paper towel. The bags are kept inside a cooler to avoid over-heating. Please note, plastic bags are commonly use by Herpetologist to keep lizards while conducting fieldwork. Bags are open every 8 hours to provide air change.</p> <p>We have adopted cage cleaning frequency of 28 days for two reasons. First, handling of the lizards tends to result in increase levels of stress, which can cause lizards to stop eating and/or to behave in non-natural fashion. Because the main goal of our study is to study lizard behavior, we would like to minimize any activity that increases the likelihood of producing non-natural behavior. Second, lizards produce relatively little waste product, and uric acid is excreted in feces as a dry mass. Thus the corncob bedding remains in good conditions for a period of 28 days.</p>	10/5/20

9189	Korte, Scott W.	Rodent Health Surveillance Program	Rat, Hamster, Gerbil, Mouse	Nonstandard Husbandry	<p>Potential single housing of sentinel animals for up to 3 months.</p> <p>Sentinel animals are housed on dirty bedding collected from cages of animals in the same room (3-4 months).</p> <p>On occasion, animals of different species of rodents may be co-housed in the same animal room (until no longer needed).</p>	<p>Should one of the two sentinels die prior to the end of the exposure period, the remaining sentinel will remain singly housed, as adding other animals may alter the pathogen flow in the room and cause abherent pathogen results.</p> <p>The use of dirty bedding is an effective and efficient method for exposing sentinel animals to potential pathogens present within colony animals in that room.</p> <p>On occasion different species of rodents may be co-housed in the same animal room in order to perform the health monitoring. For example, Mus species of mice or Rattus species of rat may be used as sentinels to monitor the dirty bedding of other genus/species of mice or rats due to the unavailability of diagnostic services for species other than Mus musculus or Rattus norvegicus. Additionally, mice may be used as sentinels for species like gerbils or hamsters when the goal of the health monitoring is to identify mouse pathogens that these other rodent species could be carrying that would compromise the biosecurity of the facility.</p>	11/16/20
9203	Petris, Michael J.	Metallobiochemistry of Inflammation	Mouse	Nonstandard Husbandry	<p>ALS mice will be singly housed at 60 days of age then sacrificed no later than 130 days of age.</p>	<p>Pregnant females will be housed alone for space, and males will be housed singly to prevent fighting.</p>	12/6/20
9217	Beversdorf, David	Epigenetic mechanism of gene x environmental interaction in autism spectrum disorder	Mouse	Nonstandard Husbandry	<p>Pregnant mice will be housed singly during pregnancy.</p>	<p>Dams are assigned to different dietary groups.</p>	2/2/21
9227	Liu, Zhenguo	A novel role for the bone marrow stem cells in vascular re-endothelialization	Mouse & Rat	Non-standard Husbandry and Food/Fluid Restriction	<p>After surgery, every mouse will be singly housed for the better recovery for up to 6 months</p> <p>Mice with HP bacterial and combined chemical administration will be fasted for 12 hours before and 4 hours after each administration. The mice will be single housed and monitored after each administration.</p>	<p>Post surgical healing and necessary for administration of chemicals.</p> <p>Mice with H. Pylori bacteria and combined chemical administration will be fasted and have water withheld before and after each administration to make sure there will be enough time for HP bacterial growth in the GI system before food and water reach the stomach.</p>	2/12/21

9214	Backus, Robert C.	Effects of 25-hydroxyvitamin D Supplementation on Vitamin D Status in Cats	Cat	Non-Standard Husbandry	Single housing for 5 days. Also food will be provided once daily in amounts that support a healthy BCS	To allow continuous collection of urine from cats	12/5/20
9244	Booth, Frank W.	Resistance training will attenuate cognitive impairment	Rat	Non-Standard Husbandry	Rats will be singly housed during wheel running for no more than 16 weeks.	The single housing is required so that accurate distances can be measured from individual animals.	1/10/21
9245	Sun, Hongmin	Evaluation of in vivo efficacy of formulations in a wound infection model	Pig	Nonstandard Husbandry	Pigs may be housed individually for the duration of the experiment (21 days).	Pigs will be housed individually to prevent them from chewing on and/or removing each other's bandages.	2/14/21
9248	Prather, Randall S.	Maintenance and production of pigs for cystic fibrosis research	Pig	Nonstandard Husbandry	<p>At our various locations, animals (piglets, gilts, sows and boars) may be housed individually for life. Individually housed animals will still have pigs in close proximity allowing them to have vocal, visual, olfactory and nose-to-nose contact.</p> <p>C-Section-derived piglets may be housed in rabbit cages or dog cages. We have been using this type of housing for the last 10 years with no apparent animal welfare issues. The following caging systems may be used: Stainless steel dog cages or rabbit cages (3' d x 4' w with Dri-deck flooring). This provides 11.6 sq ft of usable floor space (minus the feeder). Cages will be cleaned of gross contaminants daily and sanitized every 2 days. Miniature pigs will be housed in the dog cages up to 5 wks (3-4 kg) while domestic pigs will be housed up to 4 wks (~7 kg). Cage use will be discontinued before the piglets are tall enough to rub their back on the center divider, or are unable to perform normal postural adjustments.</p>	<p>The crates & cages allow for a micro-environment in which temperature can be raised to an appropriate level for small piglets. Individual housing in cages will help prevent exposure to pathogens.</p> <p>Single Housing: The reason for the individual housing is that these animal are genetically engineered or a surrogate carrying genetically engineered animals, which makes them unique and very valuable for biomedical research.</p>	1/12/21
9250	Bostick, Brian	Mechanisms underlying HO-1 imbalance and treatment of heart disease	Mouse	Nonstandard Husbandry	<p>Mice implanted with radio-transmitters will be housed singly during a 10 day post-surgical recovery period and monthly during a 48 hour period of BP data collection.</p> <p>Wheel running exercise – mice will be singularly housed during exercise. Running wheels in the cages for exercise during minimum of 16 week but up to 32 weeks the mice are on experimental diets.</p>	Required for post-surgical recovery, collection of hemodynamic data, and for measuring distance run.	3/7/21

9251	Yeh, Edward T.	The role of the innate immune response in mice subjected to Western diet feeding	Mouse	Nonstandard Husbandry	Mice will be singly housed for sixteen weeks	Mice will be singly housed after baseline assessment of echocardiography for metabolic measurements.	3/1/21
9259	Ozden, Ilker	Neuromodulatory approaches for elucidating the mechanisms of sensorimotor information processing and learning in the brain	Mouse	Nonstandard Husbandry, Fluid Restriction	Single housing: From the implantation of head-plate until the end of all experiments, i.e. about 3-4 weeks. Water restriction: From the recovery of surgery for the virus injection until the end of all experiments, i.e. about 6-7 weeks. Mice will be released from water restriction for couple of days prior to surgery, and then up to 7 days following surgery.	Single housing: Mice with chronic implants will be single housed since implants are susceptible to damage. Water restriction: We will use water reward for motivating the mice to perform a motor task.	1/9/21
9261	Delafontaine, Patrice	Angiotensin II, IGF-1 and Skeletal Muscle Atrophy	Mouse	Food & Fluid Restriction	Pair fed mice will receive same amount of food as assigned pair (Ang II fed - expected to reduce food intake). Deviation is 4 weeks.	We have shown that Ang II infusion in rodents causes skeletal muscle wasting via muscle protein breakdown and suppression of food intake. To determine the precise mechanism of Ang II's action, it is critical to discriminate effect on food intake and skeletal muscle catabolism. By comparing pair-feeding group and Ang II-infused group, only the Ang II's catabolic effect can be analyzed. Also, by comparing sham group and Ang II-infused group both of Ang II's effect (food intake and catabolic) can be analyzed.	1/29/21
9264	Yoshida, Tadashi	The Renin-Angiotensin System, Aging and Skeletal Muscle Regeneration	Mouse	Food & Fluid Restriction	Pair-feeding group of mice will be given the food amount identical to the corresponding experimental animal group mice. (up to 10 days)	Food amount may be restricted if the experimental animals eat less	1/26/21
9266	Besch Williford, Cynthia L.	IDEXX BioResearch Diagnostic Services	Any	Nonstandard Husbandry	Animals may remain in shipping boxes up to 48 hours.	Prevent bio-contamination/transfer of disease.	1/19/21
9269	Martinez-Lemus, Luis A.	Mechanisms of microvascular remodeling progression II	Mouse	Nonstandard Husbandry	Mice will be singly housed for up to 28 days.	Mice implanted with a Dorsal Window Chamber will be placed in single housing in order to avoid physical interactions with cagemates that could induce lesions and effect the integrity of the surgical implant.	1/30/21
9283	McFadden, Thomas B.	Effects of elevated body temperature on body microbiome, immune system, and mammary gland and ovarian functions	Cattle	Prolonged Restraint & Food & Fluid Restriction	Cattle will remain in tie stalls for up to 43 days	Tie stalls are necessary for housing in indoor environmental chambers.	4/6/21

9292	Zhang, Guoquan	Host immune responses against Coxiella burnetii and Salmonella infections	Guinea pigs	Nonstandard Husbandry	Guinea pigs will be single housed for 7-28 days	<p>1. Tecniplast rat cages meet the Guide space requirements for singly housing guinea pigs. Alternative systems involving larger cages (too big to be handled by one person or to fit inside a standard BSC without moving the sash) or rabbit cages that must be opened before being transported to the BSC (breaking primary containment) are not acceptable for use with C. burnetii-infected animals.</p> <p>2. Individually evaluate the health of animals following Coxiella burnetii challenge (ie assessment of appetite/fecal output/water intake/etc.)</p>	4/3/21
9300	Heesch, Cheryl M.	Neural Circulatory Control: Effects of Ovarian Hormones, Pregnancy, Gender, and Hypoxia.	rat	Food & Fluid Restriction, Nonstandard Husbandry	<p>Post operative rats may be housed singly. In addition, rats previously housed with cage mate that has undergone operation will be housed singly until experiment is performed (up to 10 days max).</p> <p>48hr water deprivation to activate brain pathways of interest.</p>	Single housing for post operative purposes and water deprivation to activate brain pathways of interest	4/10/21
9307	Safranski, Timothy J.	Teaching Swine Production Practices	Pig	Food & Fluid Restriction, Nonstandard Husbandry	<p>Sows will be housed single during teaching exercises.</p> <p>Sows will be fed an appropriate amount of food to maintain BCS 3/5</p>	<p>Sows will be housed singly for part of these activities as they are under commercial settings the majority of farms. It is not possible to teach how things are done commercially without being able to mimic those practices.</p> <p>Commercial swine that are not feed limited become obese</p>	4/17/21
9320	Booth, Frank W.	Selective breeding to obtain high and low distance voluntary runners	Rat	Nonstandard Husbandry	Rats will be singly housed for up to 10 weeks.	Rats must be singly housed so that running wheel distance measurements can be made.	3/30/21
9334	Cook, James L.	Canine Models for Diagnosis and Treatment of Upper Extremity Disorders	Dog	Nonstandard Husbandry	Dogs will be singly housed for the length of the study (most studies 1-2 years).	Single housing prevents complications from surgery. Animals are socialized.	4/10/21
9337	Besch Williford, Cynthia L.	Breeding colony maintenance and sample collection protocol	Mouse & Rat	Nonstandard Husbandry	Animals may be temporarily housed in metabolic caging (overnight), or males may be singly housed while associated female is raising pups (no longer than 6-8 weeks max).	Single housing may be required for metabolic measurements. Males are housed singly so that female can safely raise litter (also may be a space exception if males were housed with litter).	4/24/21
9338	O'Connor, Erin	Antibody Production in Several Species	Rabbit	Nonstandard Husbandry	Rabbits may be single housed 1-2 weeks following wiffle ball surgery.	Post-surgical healing.	5/22/21
9339	Duan, Dongsheng	A Xenograft Model for Duchenne Muscular Dystrophy Gene Therapy	Mouse	Nonstandard Husbandry	Mice are typically housed in groups following surgery but may be singly housed if necessary while healing (7-10 days)	Post-surgical healing.	5/22/21

9367	Emter, Craig A.	Gene Therapy Targeting RSK3-mAKAP Signaling for Heart Failure with Preserved Ejection Fraction in Women	Pig	Nonstandard Husbandry	Single housing and western diet	It's been our experience that once animals are individually housed there's a potential for fighting if paired post-surgery. Therefore, all swine must be individually housed throughout the duration of the study. However, they will have tactile, sight, auditory and olfactory contact with neighboring pigs.	6/8/21
9372	Prather, Randall S.	Swine Models of Congenital Heart Defects for Basic and Translational Research	Pig	Nonstandard Husbandry	We will have to singly house the gilts for 4-6 days during the dosing phase of the experiments.	Gilts will be grouped housed until the dosing phase of the experiment where they will be singly housed to ensure proper dosing of the animal. In addition, singly housing the gilts being fed Retinoic acid also ensures that animals not on treatment will not be receiving a dose of Retinoic acid.	8/7/21
9375	Gruber, Kenneth	Development of Anti-Cachexia Anti-Obesity Anti-Cancer Peptide Drugs	Rat & Dog	Nonstandard Husbandry	Rats may be singly housed for up to 40 days. Dogs will be singly housed overnight.	<p>Rats that have received telemetry implants must be housed individually because with the DSI telemetry system there can be signal cross talk between transmitters and receivers. Rats with the newer Transonic Systems transit time telemetry system can reportedly be group housed. We have concerns though that when one member of a pair that had been previously co-housed, is reintroduced into the original cage, there may be aggressive behavior on the part of the resident animal. We will attempt to group house animals in this study but would like to reserve the ability to keep them separate if one animal shows aggressive behavior</p> <p>Rats will also be individually housed for studies where food intake is monitored.</p> <p>Rats in an extended PK study will need to be individually housed to ensure that other rats do not irritate or bite the slightly extended catheter out of the back of the animals.</p> <p>Dogs with ECG Holter jackets will be housed individually for a 24 hour period.</p>	7/10/21

9395	Lyons, Leslie A.	Pilot study - Dietary Therapeutic for Polycystic Kidney Disease Management in the Feline Biomedical Model	Cats	Nonstandard Husbandry, Food Restriction	Cats will be housed individually for approximately four days to ensure no calorie intake or fighting between hungry cats for the 48 - 72 hour fast.	Cats will be housed individually for approximately four days to ensure no calorie intake or fighting between cats for the 48 - 72 hour fast.	8/3/21
9405	Schachtman, Todd R.	Animal Learning Laboratory	Rat	Fluid Restriction	Fluid restriction for up to 9 days. Rats will have access to fluid for 15 minutes/day.	Fluid restriction is needed so that the rats will consume the experimental flavored solutions. The access to these solutions is the primary treatment of the experiments.	8/9/21
9422	Schachtman, Todd R.	Taste Aversion Learning and Retrieval in Rats	Rat	Nonstandard Husbandry & Fluid Restriction	Fluid Restriction for up to 40 days. Rats will have access to fluid for 15 minutes/day. 16/8 light dark cycle Single Housing for up to 40 days Wire Mesh Caging All deviations are for up to 40 days.	Fluid restriction is needed so that the rats will consume the experimental flavored solutions. The access to these solutions is the primary treatment of the experiments. Light dark cycle is altered in order to conform with previous experiments. Rats are singly housed so that individual drinking measurements can be taken. Wire Mesh Caging: The two plastic "experimental cages" need to be "equally different" from the home cage (i.e., wire mesh). If the rats LIVE for a few months on one plastic cage and then the experiment begins and one of the experimental cages is wire mesh and the other is plastic, then the latter will "generalize too much" to the home cage (which is also plastic).	9/18/21
9439	Li, De-Pei	Central Mechanisms in Chronic Stress-induced hypertension	Rat	Nonstandard Husbandry	Single housing for 2 days after surgery	To allow post-surgical recovery	9/27/21
9446	Li, De-Pei	The role of Alpha2/Delta1 in stress-induced hypertension	Rat	Nonstandard Husbandry	Single housing for 2 days after surgery	To allow post-surgical recovery	12/13/21
9451	Korte, Scott W.	Rabbit ovariectomies for use in protection of ONH astrocytes and structure in glaucoma study	Rabbit	Nonstandard Husbandry	Single housing needed post-operatively to prevent potential trauma. (Up to 3 weeks)	Single housing needed post-operatively to prevent potential trauma.	10/4/21

9469	Nichols, Nicole L.	Swallowing dysfunction, modulation and plasticity following motor neuron death	Rat	Fluid Restriction	16 Hour Water Restriction	Videofluoroscopic Swallow Study (VFSS) testing requires the use of an oral contrast agent to track food and liquid as it is swallowed from the mouth to the stomach, and a prior 16 hour water restriction to entice them to drink for the VFSS procedure.	11/16/21
9474	Vieira-Potter, Victoria J.	Effects of Estrogen Signaling and Exercise on Metabolic Health	Mouse	Nonstandard Husbandry	Single housing for up to 6 months	Reasons for single housing: 1) During voluntary wheel running exercise to quantify running wheel activity. 2) During metabolic cage assessments to assess energy expenditure via gas exchange. 3) To assess food intake. Often we pair this with metabolic chamber assessment to reduce the total amount of time the animals spend single housed.	11/9/21
9498	Shaw, Daniel P.	Avian Blood donors	Chicken	Nonstandard Husbandry	Single housing in raised wire caging for life.	This is required to eliminate trauma from pecking and cannibalism.	11/19/21
9500	Prather, Randall S.	National Swine Resource and Research Center Procedures for Surgical Recovery of Oocytes, Embryos, and Fetuses, Surgical Embryo Transfer, and Cesarean Delivery	Pig	Nonstandard Husbandry	Farrowing Crate Housing for Weaned Piglets, Stainless steel dog cages 3' d x 4' w with Dri-deck flooring and rabbit cages with floor space of 7.57 sq ft is requested for housing of caesarean derived piglets. These piglets may also be housed singly. Nonstandard housing will not exceed 5 weeks. Single housing of pigs: At our various locations, animals including piglets, gilts, sows, and boars may be housed individually for life. Individually housed animals will still have pigs in close proximity allowing them to have vocal, visual, olfactory and nose to nose contact.	The crates & cages allow for a micro-environment in which temperature can be raised to an appropriate level for small piglets. Individual housing in cages will help prevent exposure to pathogens. Single Housing: The reason for the individual housing is that these animal are genetically engineered or a surrogate carrying genetically engineered animals, which makes them unique and very valuable for biomedical research.	12/17/21
9386	Henegar, Jeffrey	Animal Use Training	Pig	Nonstandard Husbandry	Swine may be single housed for up to 3 days	Swine may be single housed to prevent damage to external catheters or bandage material.	4/10/22
9465	Bromfield, Corinne	Evaluation of dietary urine acidifiers for use in miniature pig urolithiasis	Pig	Nonstandard Husbandry	Pigs may be single housed up to 60 days	Swine may be single housed to ensure that each pig is consuming the appropriate ration and to ensure pigs do not disrupt catheters on other pigs.	2/15/22

9509	Patterson, Amanda L.	Mechanisms of uterine repair in health and disease	Mouse	Nonstandard Husbandry	Vasectomized male mice will be singly housed for up to one year. Mice receiving doxycycline will be singly housed for up to six months.	Vasectomized mice will be housed individually to prevent suture removal by cagemates following surgery and to prevent fighting.	3/4/22
9517	Booth, Frank W.	Effects of prefrontal cortex on voluntary running	Rats	Other, Nonstandard Husbandry	Rats will be singly housed with running wheels for up to 3 weeks	Single housing is necessary to measure individual running distances.	1/17/22
9527	Mittler, Ron	Role of NEET proteins in pancreatic β^2 cells	Mouse	Nonstandard Husbandry	For the tamoxifen injection the mice will need to be singly housed for 4 days for the tamoxifen to clear	Single housing during tamoxifen treatment-for 4 days	7/16/22
9538	Bryan, Jeffrey N.	Phase I/II evaluation of cisplatin hyaluronate nanoparticles in tumor-bearing dogs	Dog	Nonstandard Husbandry	Dogs are housed individually for up to 5 days in radiation isolation	Dogs must be housed individually as per radiation isolation protocol.	3/20/22
9539	Nistala, Ravi	Impact of DPP4 on Angiotensin II/obesity/ichemia dependent cardiovascular and kidney disease	Mouse	Nonstandard Husbandry & Food Restriction	<p>Mice will be in individual wire-floor cages for 24 hour urine collection</p> <p>Mice will be housed individually in normal shoe-box cages for 3-5 days on a telemetry sensor, with blood pressure measured by tail cuff.</p> <p>A set of animals will be pair-fed and overnight fasted for blood glucose/insulin measurements.</p>	<p>24 hour urine collection is necessary to evaluate salt and protein excretion</p> <p>3-5 days single housing necessary to complete measurements.</p> <p>A set of animals will be pair-fed and overnight fasted for blood glucose/insulin measurements.</p>	1/30/22
9545	Ulery, Bret D.	Bioactive Materials for Spinal Disorder Treatment	Rabbit	Nonstandard Husbandry	Animals will be housed individually for their entire time on campus.	Animals will be housed individually to prevent barbering of incisions.	3/1/22
9547	Booth, Frank W.	Behavioral Characterization of Rats Selectively-Bred for High and Low Voluntary Running	Rat	Nonstandard Husbandry	Rats are housed individually for 6 days with running wheels	Individual housing is necessary to measure distance	2/12/22

9550	Hasser, Eileen M.	Cardiorespiratory Regulation in rats	Rat	Nonstandard Husbandry & Prolonged Restraint	<p>Rats will undergo preparation for hindlimb unloading, training and the unloading procedure. This will be a total of approximately 3 weeks.</p> <p>Rats are subjected to chronic intermittent hypoxia are housed in hypoxic chambers on average for two weeks. In some cases they will be exposed 3, 10 or 30 days.</p> <p>Animals undergoing survival surgery are housed singly for 3 days to 5 weeks.</p>	<p>Single housing: Hindlimb unloaded (HU) animals must be housed singly because of the suspension apparatus. Having additional animals in the cage would be likely to cause problems with tangling and also disruption of the apparatus. Control animals in the HU studies also are housed singly in order to control for the housing status of the HU animals. Any animals undergoing survival surgery are housed singly to avoid chewing of incision sites, instrumentation, etc. In addition, animals in wheel running experiments will be housed singly. This is necessary in order to verify the distances run by individual animals.</p> <p>HU procedure (prolonged restraint) is necessary to mimic cardiovascular effects of the procedure.</p> <p>Hypoxia mimics sleep apnea.</p>	3/4/22
9552	Wells, Kevin	Bovine "Slick" mutation in the mouse (Prolactin Receptor Truncation)	Mouse	Nonstandard Husbandry	Animals will be housed in an elevated temperature environment and will be housed individually for 10 days.	Single housing is necessary to avoid the affect of cage-mate body heat. Elevated temperature is necessary to mimic ambient temperature (a condition of the study)	4/5/22
9562	Mohan, Rajiv R.	Gene Therapy in the cornea	Mouse, Rabbit	Nonstandard Husbandry	Rabbit single housing following cornea injury, up to 12 months	Single housing to prevent further injury to the eyes	2/11/22
9568	Korthuis, Ronald J.	Ethanol Ingestion and Intestinal Ischemia-Reperfusion Injury	Mouse	Nonstandard Husbandry	Animals will be housed individually and pair fed for up to 16 weeks.	Individual housing is necessary to perform accurate pair feeding.	2/28/22
9576	Lever, Teresa E.	Pathophysiology and therapeutic strategies for dysphagia and laryngeal dysfunction in mouse models	Mouse (USDA/Pero myscus)	Nonstandard Husbandry & Food & Fluid Restriction	Single housing for up to 3 months. Food or fluid restriction is overnight.	<p>Single housing is necessary due to fighting/aggression in males. It is also necessary to elicit calls during ultrasonic vocalization testing.</p> <p>Overnight food or fluid restriction is necessary to motivate participation for swallow testing.</p>	3/4/22
9581	Domeier, Timothy L.	Calcium and Contractility in the Heart	Rat, Mouse	Nonstandard Husbandry	1. "Aunting" is performed with trio breeding. 2. Tamoxifen will be added to the diet for 7-14 days	1. Improve survivability and growth of pups 2. Tamoxifen is fed to induce Cre-lox recombination in transgenic animals.	3/27/22

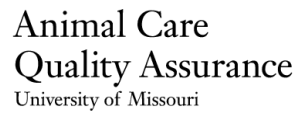
9586	Khalyfa, Abdelnaby	Genome-Wide Associations Studies and Extracellular Vesicles Using Mice for Sleep Disordered Breathing	Mouse	Nonstandard Husbandry	Mice will be exposed to sleep fragmentation, intermittent hypoxia or both for 8 weeks.	PI is studying the effects of sleep deprivation and hypoxia.	4/30/22
9590	Rosenfeld, Cheryl S.	The Effects of In Utero Environment Changes on Sex Ratio and Phenotype of Conceptuses during Gestation and Pups at Birth, and on Subsequent Adult Phenotypes of Offspring	Mouse (USDA/Pero myscus)	Nonstandard Husbandry and Food/fluid Regulation	Single housing for 4-5 days Food fasting for ~12 hours	Mice will be single housed for calometry testing and for running wheel measurements. Food fasting is needed prior to glucose testing.	4/3/22
9591	Ozden, Ilker	In vivo imaging of dopamine	Rat	Nonstandard Husbandry	Rats with chronic implants will be singly housed for about 3 weeks.	Littermates could damage the implants.	5/9/22
9612	Jana, Soumen	Nanotechnology in tissue engineering for autologous cardiac valve development (whole valve) in rabbit	Rabbit	Nonstandard Husbandry	Rabbits will be housed singly from the time of surgery until euthanasia (8-12 weeks)	Single housing is required to prevent other rabbits from damaging the implants	6/6/22
9622	Maitz, Charles	BetaBrach liquid brachytherapy for solid tumors	Cat, Client owned	Nonstandard Husbandry	Cats given radiopharmaceutical will stay in radiation isolation 3-5 days.	Radiation isolation is required for animals exposed to radiation.	6/6/22
9629	Prather, Randall S.	Nuclear Transfer and Cloning Transgenic Pigs: Reproductive Biology (University of Florida)	Pig	Nonstandard Husbandry	Pigs may be housed individually for undefined length of time (lifespan)	These pigs are highly valuable and unique, and this must be done to prevent animal-related injuries. Animals will have vocal, visual, olfactory and nose-to-nose contact.	5/2/22
9631	Gu, Zezong	Low-Intensity Blast-Induced Brain Molecular and Ultrastructural Abnormalities in Human Tau Transgenic Mice	Mouse	Nonstandard Husbandry	Mice will be single housed for one night while doing nesting building tests.	Single housing allows individual observation of nest building.	6/4/22

9643	Prather, Randall S.	Creating Genetically Engineered Pigs (USDA Covered-Biomedical)	Pig	Nonstandard Husbandry	Farrowing crate Housing for Weaned Piglets, Stainless steel dog cages 3' d x 4' w with Dri-deck flooring and rabbit cages with floor space of 7.57 sq ft is requested for housing of caesarean derived piglets (3-5 weeks). These piglets may also be housed singly.	The crates & cages allow for a micro-environment in which temperature can be raised to an appropriate level for small piglets. These animal are genetically engineered and unique, which makes them very valuable for biomedical research. Single housing prevents injury. Individual housing in cages will also help prevent exposure to pathogens and thus preserve a rare animal resource.	6/14/22
9646	Cook, James L.	Canine Model for Safety and Efficacy Testing of Allograft-Based Intradiscal injections for Treatment of Spine Disorders and Diseases	Dog	Nonstandard Husbandry	Dogs are singly housed for their entire study period but are socialized daily with other dogs, which can include dog-to-dog interactions, in a common area during kennel cleaning and with other dogs and humans during walking episodes.	Dogs are singly housed for safety reasons (preventing complications and trauma from self and other dogs).	6/25/22
9647	Prather, Randall S.	Creating Genetically Engineered Pigs: Reproductive Biology (non-USDA, Ag Animals)	Pig	Nonstandard Husbandry	Farrowing crate Housing for Weaned Piglets, Stainless steel dog cages 3' d x 4' w with Dri-deck flooring and rabbit cages with floor space of 7.57 sq ft is requested for housing of caesarean derived piglets (3-5 weeks). These piglets may also be housed singly.	The crates & cages allow for a micro-environment in which temperature can be raised to an appropriate level for small piglets. These animal are genetically engineered and unique, which makes them very valuable for biomedical research. Single housing prevents injury. Individual housing in cages will also help prevent exposure to pathogens and thus preserve a rare animal resource.	6/13/22
9650	Sun, Hongmin	Molecular mechanism of host coagulation system in Group A, B streptococcus and staphylococcus infection and	Rat, Mouse	Nonstandard Husbandry and Food/fluid Restriction	1. Infected mice implanted with wafers or catheters will be single housed for up to 1 year. 2. Food and water will be withheld overnight prior to E.coli infection	1. Single housing is necessary to prevent mice from biting at surgery sites and implanted wafers and catheters of other mice. 2. Food and water will be withheld to minimize the chance of introducing additional bacteria before the experiment	7/3/22
9656	Wan, XiuFeng	Risk assessment, Vaccine Development, and Evaluation of Vaccine Effectiveness for Influenza Viruses Using Animal Models	Mouse, Ferret, Pig	Nonstandard Husbandry	Single housing for some of the animals up to 42 days.	Single housing is needed to minimize the numbers of animals used on study and following euthanasia of other animals on the study	7/8/22
9657	Schrum, Adam G.	Model of Burkholderia gladioli Infection	Mouse	Nonstandard Husbandry	Delayed weaning-some mice strains will be weaned at 28 days	Delayed weaning to allow extra time for passive immunity and to allow immune compromised pups time to grow to be able to reach food/water.	8/22/22
9658	Gozal, David	Sleep fragmentation in a mouse model of Alzheimer disease	Mouse	Nonstandard Husbandry	For recording sleep (2 times a week for 1 hour) mouse is placed in a single mouse cage. All the rest of the time animals are caged in their usual groups of littermates.	Single housing in sleep recording cage.	8/14/22

9673	Lorson, Monique	Development of pig models of SMARD1 (SMA with Respiratory Distress)	Pig	Nonstandard Husbandry	<p>Once the animals are of sexual maturity they are typically singly housed for life to ensure their health and well-being as boars and some females do not co-mingle well and could inflict animal induced injuries. Animals are still in close proximity to have vocal and nose-to-nose contact.</p> <p>C-section or disease animals could be singly housed from birth. At time determined but typically from 4 months of age until terminated for adult animals.</p>	Animals will be housed singly if it is to ensure their health and well-being due to disease symptoms.	8/27/22
9674	Lorson, Monique	A Swine Animal Model of Spinal Muscular Atrophy for Therapeutic Studies	Pig	Nonstandard Husbandry	<p>Pigs may be housed individually for life. Individually housed animals will still have pigs in close proximity allowing them to have vocal, visual, olfactory and nose-to-nose contact.</p> <p>C-Section-derived piglets may be housed in dog cages or the playpen in unit F. We have been using this type of housing for the last 10 years with no apparent animal welfare issues. This provides 11.6 sq ft of usable floor space (minus the feeder). Cages will be cleaned of gross contaminants daily and sanitized every 2 days.</p>	Many of these animals are genetically engineered or a surrogate carrying genetically engineered animals, which makes them unique and very valuable. Typically these genetically engineered animals are the first in the world for their modification. Individual housing will limit any animal-induced injuries. We have been housing animals individually and in small groups for the past 20 years with no apparent issues.	8/23/22
9679	Lever, Teresa E.	Investigating facial nerve repair and plasticity through electrostimulation therapy	Mouse	Food/Fluid Restriction	Overnight food or water restriction (up to 16 hours)	Overnight food or water restriction will be necessary to motivate eating in order to study mastication behaviors.	7/23/22
9681	Ozden, Ilker	in vivo Calcium imaging with miniscope in behaving mice	Mouse	Nonstandard Husbandry and Food/fluid Restriction	<p>1. Implanted mice are single housed following implantation (4-8 weeks)</p> <p>2. Mice have restricted access to water, typically 1-2 ml/day</p>	1. Animals with implants will be single housed to protect implants from damage. 2. Water is restricted to motivate mice as a reward during training.	8/5/22
9696	Padilla Parellada, Jaume	Influence of physical inactivity and obesity on metabolic and vascular health; TRAF3IP2 as a novel target to restore endothelial insulin sensitivity and function in type 2 diabetes.	Mouse	Nonstandard Husbandry	<p>1. When in the metabolic chambers, mice will be singly-housed for a duration of 72 hours. Mice undergoing ITT/GTT will be single housed.</p> <p>2. All animals housed at ASRC will be kept at thermoneutral conditions for the duration of the study.</p> <p>3. Prior to glucose tolerance test, mice will be fasted for 5 hours.</p>	Metabolic chambers: they will need to be singly-housed to record usable data.	9/3/22
9700	Hans, Chetan P.	Effect of Notch deficiency on the development of abdominal aortic aneurysm (AAA).	Mouse	Nonstandard Husbandry	The mice will be individually housed after the minor surgical procedure, until the end of the study (up to 56 days).	We found individual housing to be necessary as they may fighting each other and hurt their fresh wounds.	8/13/22

9706	Safranski, Timothy J.	Feedstuffs and enamel microwear in pigs	Pig	Food/Fluid Restriction	Limit feeding for 42 days	Animals will be limit fed at six months when the study starts. If they were fed ad lib they would deposit excess fat which would be detrimental to their well being. Additionally, if fed at maintenance levels they are expected to still have an appetite to consume more feed; which is important to know how much of the supplemental ingredients are consumed	8/12/22
9718	Li, De-Pei	Mechanisms of AngII-induced hypertension	Rat	Nonstandard Husbandry	Telemetry blood pressure monitoring requires single housing. Also single housed for 2 days following surgery.	Single housing to allow blood pressure monitoring and allow post surgical recovery.	10/22/22
9720	Gozal, David	Wake promoting agents comparison in a Murine Model of Sleep Apnea	Mouse	Nonstandard Husbandry	Single housing during sleep recording (for 1 week then one hour a week for 4-10 weeks). During the rest of the experiment, animals will be housed with littermates	Single housing is needed for sleep recording.	10/21/22
9727	Prather, Randall S.	Polyclonal antibody administration to immunodeficient and immunocompetent swine	Pig	Nonstandard Husbandry	These animals may be housed individually with close contact to other pigs (indefinitely/for life)	These pigs are highly valuable and immunodeficient. It is important that they remain in an environment that reduces their risk to cuts or abrasions that would expose them to infection.	9/30/22
9731	Phillips, Charlotte L.	Mechanotransduction Approach to Improve Bone Quality in Osteogenesis Imperfecta	Mouse	Nonstandard Husbandry	Animals will be singly housed for 3-5 days.	Single housing is required for calorimetry (metabolic) measurements.	10/8/22
9736	Chen, Shiyu	Artery wall homeostasis, Dedicator of Cytokinesis 2 in smooth muscle phenotype modulation (R01HL123302), Smad2 in vascular smooth muscle homeostasis (R01HL135854), Dedicator of cytokinesis 2 in abdominal aortic aneurysm(R01HL147313), ADAR1 in abdominal aortic aneurysm (R01HL119053), Olfactomedin 2 in development and progression of atherosclerosis (19CDA34630065-AHA)	Mouse, Rat	Nonstandard Husbandry	Single housing for metabolic studies (5-7 days) and telemetry (5 days to 1 month)	Single housing is required for the metabolic and indirect calorimetry studies. Telemetry animals are single housed to avoid cross interference of radio signals.	11/18/22

9737	Bryda, Elizabeth A.	Mouse and Rat Resource Center: Cryopreservation, Rederivation and Live Colony Maintenance	Mouse, Rat	Nonstandard Husbandry	"Aunting" and delayed weaning (up to 28 days) will be performed for some strains. Mice and rats will be housed in the same room.	Aunting to increase survivability of pups. Animals of same health status. Never come in visual or physical contact. Housed in ventilated racks.	10/31/22
9742	Bowles, Douglas K.	Vascular Therapeutics	Pig	Nonstandard Husbandry	Upon arrival at any of the OAR animal facilities, domestic farm pigs may initially be pair housed. However, following surgical procedures animals will be single housed (up to one year)	Animals are single housed to prevent injury or discomfort following surgery.	11/11/22
9762	Amelon, Sybill K.	Conservation of North American bat species, nutritional requirements of insectivorous bats	Bats	Nonstandard Husbandry	Bats will be singly housed for one week.	Single housing will allow for collection to obtain feces for calcium and phosphorus analysis	10/18/22
9766	Jana, Soumen	Development of non-contractile autologous valve leaflets mimicking the structure of native leaflets	Rat	Nonstandard Husbandry	Single housing if fighting is observed following surgery (up to 12 weeks).	Single housing may be required to protect implants following surgery.	10/29/22



Agricultural Engineering

Room (if applicable)

□ □ □ □ □

Others Present:
Dr. Ozden

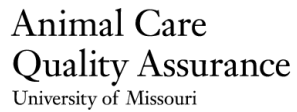
Make-Up Date:	Members:	Others Present:
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Date of Report:	AAALAC Accredited:	Surgery Area Report	Overnight Housing Report
11/27/2019	No	<input type="checkbox"/>	<input type="checkbox"/>

[illegible]

No deficiencies

M: minor deficiency; S: significant deficiency



Anheuser Busch Natural Resources (ABNR)

Room (if applicable)

5

M: minor deficiency; S: significant deficiency



Animal Care and Use Committee Semiannual Inspection Report

Animal Resource Center (ARC)

**1994 Ford Pick-Up (green) - LAC, New
Box Van - ARC**

Room (if applicable)

Date:	Members:	Others Present:
11/19/2019	Dr. Maruniak, Ms. Nichols, Dr. Henegar, Dr. O'Connor, Dr. Rector	Dr. Korte, Ms. Weir, Mr. Douglas, Dr. Gustafson, Dr. Knebel, Dr. Cayton

Make-Up Date:	Members:	Others Present:
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Date of Report:	AAALAC Accredited:	Surgery Area Report	Overnight Housing Report
11/21/2019	Yes	<input type="checkbox"/>	<input type="checkbox"/>

[illegible]

Comments

Citations

M: minor deficiency; S: significant deficiency

Animal Science Research Center (ASRC)

Room (if applicable)

Date: 10/22/2019	Members: Ms. Marshall, Ms. Nichols, Dr. Henegar, Dr. O'Connor, Ms. Wolff	Others Present: Dr. Gustafson, Dr. Knebel, A. Gullic, Ms. Kraus, Ms. Samuel
Make-Up Date:	Members:	Others Present:

Date of Report: 10/30/2019	AAALAC Accredited: No	Surgery Area Report <input type="checkbox"/>	Overnight Housing Report <input type="checkbox"/>
--------------------------------------	---------------------------------	--	---

M/S	Repeat	Room #	Deficiency	Plan for Correction	Responsible Party	Correction Deadline	Date Completed
M	<input type="checkbox"/>	████	Cages need to be identified with PI Name and protocol	Label cages with PI name and protocol	Dr. Patterson Dr. Balboula	11/8/2019	11/4/2019
M	<input type="checkbox"/>	████	Elevated plus maze needs to be made or covered with sanitizable material.	Seal the maze or cover it with a material that is sanitizable	Drs. Schachtman, Will, Miller	12/5/2019	12/3/2019
M	<input type="checkbox"/>	████	Two cages of mice were without food	Notified lab during inspection and mice were fed.	Dr. Roberts	10/22/2019	10/22/2019
M	<input type="checkbox"/>	████	Sample prep area. Four expired syringes were found.	Marked as expired during the inspection. Dispose of properly	Ms. Kraus	11/8/2019	11/10/2019
M	<input type="checkbox"/>	████	Doxycycline feed is kept in a canister covered with aluminum foil.	Container needs to be sanitizable with the mill date/expiration date	Dr. Reneker	11/8/2019	11/3/2019
M	<input type="checkbox"/>	████	No enrichment for some of the rats on protocol 8807. Feed container last sanitized 9/21/2019. No sanitizing in May or August according to card.	Provide enrichment for animals. Sanitize food containers monthly and document properly.	Dr. Geisert	11/8/2019	11/4/2019
M	<input type="checkbox"/>	████	Sentinel cages not marked since Oct. 9 (overdue) Cages without cage cards. Cage with 3 adults and 2 young litters.	Retrain on sentinel usage. Place cage cards on all cages. Separate female mice once they are pregnant.	Spencer	11/8/2019	11/6/2019
M	<input type="checkbox"/>	████	PVC cage accessories dirty. Fed bin not sanitized in September	Clean PVC cage accessories Replace feed bin at appropriate intervals and mark card.	Spencer	11/8/2019	11/6/2019
M	<input type="checkbox"/>	████	Clean cages stored on floor on garbage bags. Lids don't fit on cages. Two triple antibiotic ointment expired. One anti-itch cream expired. Many conical tubes incomplete or no labels.	Don't store cages in room. Discard expired triple antibiotic ointment and anti-itch cream. Label all secondary containers with dates, what is in container.	Kazmierczak	12/8/2019	12/3/2019
M	<input type="checkbox"/>	████	Expired saline.	Dispose of expired saline. Expired	Dr. Padilla	11/8/2019	11/6/2019

			Expired vicryl. Expired 50% Dextrose Inappropriate isofluorane lid.	vicryl can only be used in terminal experiments and needs to be labeled as such. Dispose of expired 50% dextrose. Find real lid for isofluorane.			
M	<input type="checkbox"/>		Iso cannister not weighed since 2017	Weigh iso cannister at appropriate intervals to assure 50 grams has not been reached.	Ms. Kraus	11/8/2019	11/6/2019
M	<input type="checkbox"/>		Peeling paint on walls and ceiling. Determine if there is an underlying cause and repair then paint. If no cause is found, paint.	Fix any underlying cause to paint peeling if needed and paint.	Dr. Prather	4/1/2020	
	<input type="checkbox"/>						
	<input type="checkbox"/>						
	<input type="checkbox"/>						

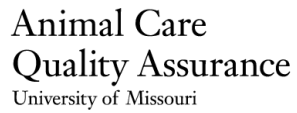
Comments

N171- Sentinel cages were as clean or cleaner than all the other cages in the room.
 Larsonia vaccine expires November 4, 2019
 Leaking faucet in environmental chamber (no animals). Needs to be fixed prior to next use.

Looked at Unit B, C, D, E, F

Citations

M: minor deficiency; S: significant deficiency



Animal Science Research Center (ASRC)

Room (if applicable)

Date: 9/6/2019	Members: Dr. Henegar, Ms. Abbott	Others Present: Dr. Balboula
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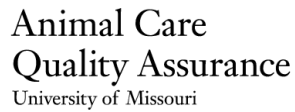
Make-Up Date:	Members:	Others Present:
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Date of Report:	AAALAC Accredited:	Surgery Area Report	Overnight Housing Report
	No	<input type="checkbox"/>	<input type="checkbox"/>

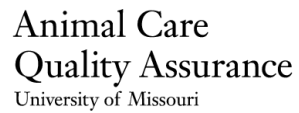
[illegible]

New use area in ASRC. No deficiencies identified.

M: minor deficiency; S: significant deficiency



M: minor deficiency; S: significant deficiency



Bond Life Science Center (BLSC) Labs

Room (if applicable)

Date:	Members:	Others Present:
8/7/2019	Dr. Maruniak, Dr. Henegar, Ms. Abbott	Dr. Petris

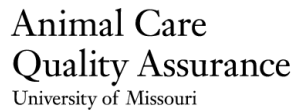
Make-Up Date:	Members:	Others Present:
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Date of Report:	AAALAC Accredited:	Surgery Area Report	Overnight Housing Report
	No	<input type="checkbox"/>	<input type="checkbox"/>

[illegible]

New room, no deficiencies identified

M: minor deficiency; S: significant deficiency



Vivarium

M: minor deficiency; S: significant deficiency



Animal Care and Use Committee Semiannual Inspection Report

Botany Greenhouse

Room (if applicable)

Date:

8/21/2019

Members:

Ms. Nichols, Ms. Abbott

Others Present:

Dr. Leal, Dr. Cayton, Dr. Knebel, Ms. Stevey

Make-Up Date:

Members:

Others Present:

Date of Report:**AAALAC Accredited:**

Yes

Surgery Area Report

9

Overnight Housing Report

☐[illegible]

Comments

No deficiencies identified

Citations

M: minor deficiency; S: significant deficiency

Connaway Hall

Room (if applicable)

Date: 9/19/2019
Members: Dr. O'Connor, Ms. Abbott, Dr. Chambers

Others Present:
Dr. Schlink, Dr. Cayton, Dr. Knebel, Ms. Blair, Dr. Korte, Dr. Dashek, Dr. Gustafson, Ms. Weir

Make-Up Date: **Members:**

Others Present:

Date of Report:	AAALAC Accredited:	Surgery Area Report	Overnight Housing Report
9/30/2019	Yes	<input type="checkbox"/>	<input type="checkbox"/>

[illegible]

Comments

Citations

Dalton Cardiovascular Research Center (DCRC)

Room (if applicable)

Date:	Members:	Others Present:
8/21/2019	Ms. Nichols, Ms. Abbott, Ms. Allen	Dr. Henegar, Dr. Cayton, Dr. Knebel, Mr. Baepler, Dr. Young, Ms. Stevey

Make-Up Date: _____ **Members:** _____ **Others Present:** _____

Date of Report:	AAALAC Accredited:	Surgery Area Report	Overnight Housing Report
	Yes	<input type="checkbox"/>	<input type="checkbox"/>

[illegible]

Comments

221A (Gruber): Ensure f/Air canisters are being weighed regularly, and their weights marked.

230 (Gruber): Clean cart in the room, ensure cart remains clean.

121A (Hyder): Cart cannot be stored in room when there are animals present.

233B (Kracke): Ensure f/Air canisters are being weighed regularly, and their weights marked. Position the canister to ensure proper waste gas scavenging.

117 (Hans): Breeder cage cards difficult to read due to their re-use over time. During inspection, PI was informed and asked to make cage cards more clear.

116 (Hill): Ensure cage cards are being used, 2 cages were without cards.

Citations

M: minor deficiency; S: significant deficiency



Animal Care and Use Committee Semiannual Inspection Report

Discovery Ridge/IDEXX/RADIL

Room (if applicable)

Date:

8/28/2019

Members:

Ms. Marshall, Ms. Nichols, Dr. O'Connor

Others Present:

Dr. Schlink, Mr. Huntsperger, Ms. Weir

Make-Up Date:

Members:

Others Present:

Date of Report:

AAALAC Accredited:

Yes

Surgery Area Report

1

Overnight Housing Report

9

[illegible]

Comments

W113 (Agca): weigh f/Air canister prior to next use

Citations

M: minor deficiency; S: significant deficiency

Equine Teaching Facility

Room (if applicable)

Date: 11/25/2019	Members: Dr. Linville, Dr. O'Connor	Others Present: Dr. Gerb, Ms. Adams
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Make-Up Date:	Members:	Others Present:
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Date of Report: 11/27/2019	AAALAC Accredited: No	Surgery Area Report <input type="checkbox"/>	Overnight Housing Report <input type="checkbox"/>
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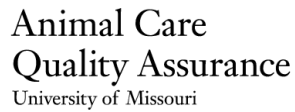
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Comments

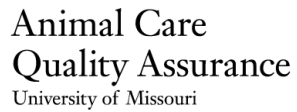
No deficiencies

Citations

M: minor deficiency; S: significant deficiency



M: minor deficiency; S: significant deficiency



Gwynn Hall

Date:	Members:	Others Present:
7/18/2019	Dr. Maruniak, Dr. Henegar, Ms. Abbott, Dr. Chambers	Dr. Korte, Ms. Welly

Make-Up Date:	Members:	Others Present:
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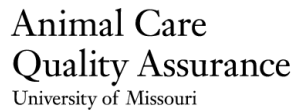
Date of Report:	AAALAC Accredited:	Surgery Area Report	Overnight Housing Report
	No	<input type="checkbox"/>	<input type="checkbox"/>

[illegible]

No deficiencies identified. Doppler equipment has been moved to ASRC, only animal use in Gwynn is CO2 for euthanasia.

Citations

M: minor deficiency; S: significant deficiency



Laboratory Animal Center (LAC)

Room (if applicable)

9/26/2019

Dr. Mullen, Ms. Abbott

Dr. Gustafson, Mr. Cowan, Dr. Cayton, Dr. Olthoff, Mr. Teixeira, Ms. Neff,
Dr. Henegar, Dr. Korte, Ms. Weir, Mr. Douglas

Members:

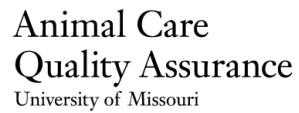
Others Present:

Overnight Housing Report

9

Citations

M: minor deficiency; S: significant deficiency



Lefevre Labs

Room (if applicable)

Date: 9/5/2019

Members: Ms. Nichols, Dr. Henegar, Ms. Abbott

Others Present:
Dr. Ozden

Make-Up Date: **Members:**

Others Present:

Date of Report:**AAALAC Accredited:**

No

Surgery Area Report

□

Overnight Housing Report

9

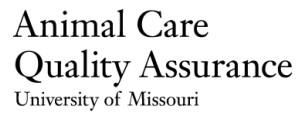
[illegible]

Comments

New use area for Dr. Ozden, no deficiencies identified

Citations

M: minor deficiency; S: significant deficiency



Lefevre Labs

Date:	Members:	Others Present:
7/25/2019	Dr. Cornelison, Dr. Maruniak, Dr. Henegar, Dr. O'Connor	Ms. Abbott, Dr. Olthoff, Dr. Schlink

Make-Up Date:	Members:	Others Present:
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Date of Report:	AAALAC Accredited:	Surgery Area Report	Overnight Housing Report
	Yes	<input type="checkbox"/>	<input type="checkbox"/>

[illegible]

No deficiencies were identified

Citations

M: minor deficiency; S: significant deficiency



Animal Care and Use Committee Semiannual Inspection Report

Lefevre Labs

Room (if applicable)

Date:

8/7/2019

Members:

Dr. Maruniak, Dr. Henegar, Ms. Abbott

Others Present:

Dr. Korte, Ms. Cruz Santos, Dr. Leal, Dr. Lorin Milescu, Dr. Mirela Milescu, Ms. Amirshenava

Make-Up Date:

8/15/2019

Members:

Dr. Maruniak, Dr. Henegar

Others Present:

Date of Report:

AAALAC Accredited:

Yes

Surgery Area Report

7

Overnight Housing Report

7

[illegible]

Comments

No deficiencies identified

Citations

M: minor deficiency; S: significant deficiency



Lefevre Vivarium

Date:	Members:	Others Present:
7/25/2019	Dr. Cornelison, Dr. Maruniak, Dr. Henegar, Dr. O'Connor	Ms. Abbott, Dr. Olthoff, Dr. Schlink

Make-Up Date:	Members:	Others Present:
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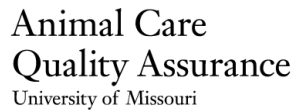
Date of Report:	AAALAC Accredited:	Surgery Area Report	Overnight Housing Report
	Yes	<input type="checkbox"/>	<input type="checkbox"/>

[illegible]

Vivarium is becoming an OAR facility.
Work orders are being submitted for the following items which will be completed prior to OAR animal use:
Drop ceiling will be added feed room
Wood bench legs will be sealed
Light in 29A to be fixed

Citations

M: minor deficiency; S: significant deficiency



Lemone Blvd Temporary Trailers

Room (if applicable)

Date: 8/7/2019	Members: Dr. Maruniak, Ms. Abbott	Others Present: Dr. Korte, Dr. Olthoff, Mr. McDowell, Ms. Weir
Make-Up Date:	Members:	Others Present:

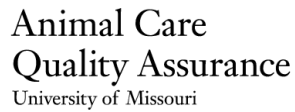
Date of Report:	AAALAC Accredited:	Surgery Area Report	Overnight Housing Report
	Yes	<input type="checkbox"/>	<input type="checkbox"/>

[illegible]

Comments

Citations

M: minor deficiency; S: significant deficiency



Room (if applicable)

M: minor deficiency; S: significant deficiency

Mason Eye Institute

Room (if applicable)

Date: 8/14/2019	Members: Dr. O'Connor, Ms. Abbott	Others Present: Dr. Knebel,
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Make-Up Date:	Members:	Others Present:
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Date of Report: 11/18/2019	AAALAC Accredited: No	Surgery Area Report <input type="checkbox"/>	Overnight Housing Report <input type="checkbox"/>
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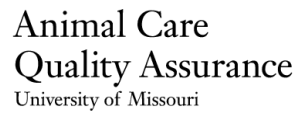
M/S	Repeat	Room #	Deficiency	Plan for Correction	Responsible Party	Correction Deadline	Date Completed
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<input type="checkbox"/>	<input type="checkbox"/>						
<input type="checkbox"/>	<input type="checkbox"/>						

Comments

No deficiencies identified

Citations

M: minor deficiency; S: significant deficiency



Meat Lab Abattoir

Room (if applicable)

10/15/2019

Dr. Mullen, Dr. Linville

Mr. Disselhorst

Members:

Others Present:

11/18/2019

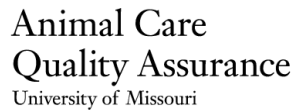
No

☐☐[illegible]

No deficiencies identified.

Citations

M: minor deficiency; S: significant deficiency



Middlebush Farm

Room (if applicable)

Date: 7/11/2019	Members: Ms. Marshall, Dr. Henegar, Dr. Linville, Dr. O'Connor, Ms. Abbott	Others Present: Mr. Glascock, Dr. Gerb, Dr. Gustafson, Dr. Knebel, Dr. Cayton, Dr. Young, Dr. Schlink
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Make-Up Date: _____ **Members:** _____ **Others Present:** _____

Date of Report:	AAALAC Accredited:	Surgery Area Report	Overnight Housing Report
	Yes	<input type="checkbox"/>	<input type="checkbox"/>

[illegible]

The calves in building J were thin but not unhealthy. To reduce competition, the lab will add more feed pans to each pen. Dr. Stich will also update his protocol to state how much feed the calves will receive in pounds, instead of scoops as currently stated in the protocol.

Citations

M: minor deficiency; S: significant deficiency

Medical Science Building (MSB) Laboratories

Room (if applicable)

Date:	Members:	Others Present:
8/14/2019	Ms. Nichols, Dr. Reynolds, Dr. Henegar, Dr. O'Connor, Ms. Abbott	Dr. Knebel, Dr. Cayton, Dr. Korte, Dr. Gerb, Dr. Gustafson, Ms. Stevey, Mr. McNew

Make-Up Date: 8/21/2019	Members: Dr. Henegar, Dr. O'Connor, Ms. Abbott	Others Present: Dr. Korte, Dr. Cui
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Date of Report:	AAALAC Accredited:	Surgery Area Report	Overnight Housing Report
	Yes	<input type="checkbox"/>	<input type="checkbox"/>

[illegible]

Comments

- This report includes the 3rd floor OAR stepdown animal facility and new room NE304 -

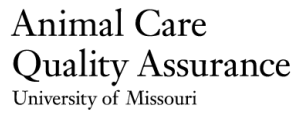
M708A3 (Cui, Gu) - reset thermometer each day for accurate reading

M708A2 (Cui, Gu) - sharps container nearly full

NE405/408 (Ibdah) - Expired controlled drugs need to be separated from in-date drugs. They were separated during the inspection.

Citations

M: minor deficiency; S: significant deficiency

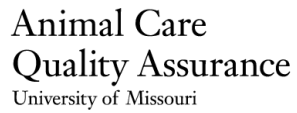


**National Swine Resource and Research Center
(NSRRC)**

Room (if applicable)

☐

M: minor deficiency; S: significant deficiency



Poultry Abattoir

Room (if applicable)

Others Present:

Overnight Housing Report

[illegible]

Liam Carlson will be added to the protocol (exemption)

Citations

M: minor deficiency; S: significant deficiency



Animal Care and Use Committee Semiannual Inspection Report

Raptor Rehab

Room (if applicable)

Date:

12/2/2019

Members:

Dr. Henegar, Dr. O'Connor

Others Present:

Ms. Wolff

Make-Up Date:

Members:

Others Present:

Date of Report:

12/2/2019

AAALAC Accredited:

No

Surgery Area Report

☐

Overnight Housing Report

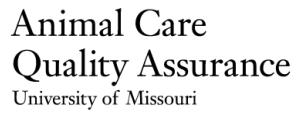
☐[illegible]

Comments

No deficiencies.

Citations

M: minor deficiency; S: significant deficiency



Rocheford Turkey Farm

Room (if applicable)

Others Present:

Others Present:

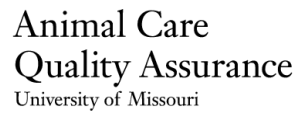
Surgery Area Report

Overnight Housing Report

Comments

Citations

M: minor deficiency; S: significant deficiency



Schweitzer Hall

Date:	Members:	Others Present:
7/25/2019	Dr. Cornelison, Dr. Maruniak, Dr. Henegar, Dr. O'Connor	Ms. Abbott, Dr. Schlink, Dr. Olthoff, Dr. Phillips
Make-Up Date:	Members:	Others Present:

Date of Report:	AAALAC Accredited:	Surgery Area Report	Overnight Housing Report
	No	<input type="checkbox"/>	<input type="checkbox"/>

[illegible]

No deficiencies identified

Citations

M: minor deficiency; S: significant deficiency

Sheep Farm at South Farms

Room (if applicable)

Date: 11/21/2019	Members: Dr. Henegar, Dr. Linville, Dr. O'Connor	Others Present: Dr. Spencer, Mr. Todd
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Make-Up Date:	Members:	Others Present:
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Date of Report: 11/27/2019	AAALAC Accredited: No	Surgery Area Report <input type="checkbox"/>	Overnight Housing Report <input type="checkbox"/>
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M/S	Repeat	Room #	Deficiency	Plan for Correction	Responsible Party	Correction Deadline	Date Completed
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<input type="checkbox"/>	<input type="checkbox"/>						

Comments

No deficiencies.

Citations

M: minor deficiency; S: significant deficiency



Animal Care and Use Committee Semiannual Inspection Report

South Farm Feed Mill

Room (if applicable)

Date:

10/3/2019

Members:

Dr. Maruniak, Dr. Henegar, Dr. Linville

Others Present:

Dr. Schlink, Dr. Knebel, Mr. Crane

Make-Up Date:

Members:

Others Present:

Date of Report:**AAALAC Accredited:**

Yes

Surgery Area Report

9

Overnight Housing Report

9

[illegible]

Comments

Citations

M: minor deficiency; S: significant deficiency

Swine Research Complex (SRC)

Room (if applicable)

Date: 10/3/2019	Members: Dr. Henegar, Dr. Linville	Others Present: Dr. Schlink, Dr. Gerb, Ms. Wang, Mr. Dowell
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Make-Up Date:	Members:	Others Present:
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Date of Report: 10/30/2019	AAALAC Accredited: Yes	Surgery Area Report <input type="checkbox"/>	Overnight Housing Report <input type="checkbox"/>
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M/S	Repeat	Room #	Deficiency	Plan for Correction	Responsible Party	Correction Deadline	Date Completed
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Comments
No Deficiencies.

Citations

M: minor deficiency; S: significant deficiency



Animal Care and Use Committee Semiannual Inspection Report

Stewart Hall

Room (if applicable)

Date:
7/18/2019

Members:
Dr. Maruniak, Dr. Henegar, Ms. Abbott, Dr. Chambers

Others Present:
Dr. Korte, Mr. Daniel

Make-Up Date:

Members:

Others Present:

Date of Report:

AAALAC Accredited:

No

Surgery Area Report

7

Overnight Housing Report

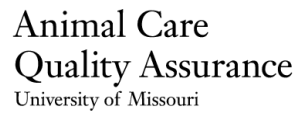
7

[illegible]

Comments

Citations

M: minor deficiency; S: significant deficiency



Swine Center Annex

Room (if applicable)

10/3/2019

Dr. Maruniak, Dr. Henegar, Dr. Linville

Dr. Schlink, Dr. Gerb, Peggy Wang, Dr. Knebel, Mickyla Clark

Make-Up Date:

Members:

Others Present:

Date of Report:

AAALAC Accredited:

No

Surgery Area Report

9

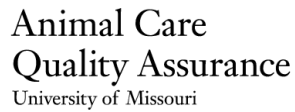
Overnight Housing Report

☐[illegible]

No deficiencies.

Citations

M: minor deficiency; S: significant deficiency



Swine Research and Teaching Farm

Room (if applicable)

7

M: minor deficiency; S: significant deficiency



Animal Care and Use Committee Semiannual Inspection Report

Trowbridge

Room (if applicable)

Date:

10/15/2019

Members:

Dr. Mullen, Dr. Linville

Others Present:

Make-Up Date:

Members:

Others Present:

Date of Report:

11/18/2019

AAALAC Accredited:

No

Surgery Area Report

9

Overnight Housing Report

9

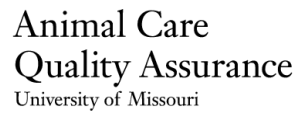
[illegible]

Comments

No deficiencies identified.

Citations

M: minor deficiency; S: significant deficiency



Tucker Hall

Room (if applicable)

8/7/2019

Dr. Maruniak, Dr. Henegar, Ms. Abbott

Dr. Korte, Ms. Cruz Santos

Members:

Others Present:

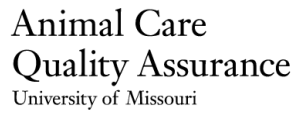
Overnight Housing Report

☐[illegible]

No deficiencies identified

Citations

M: minor deficiency; S: significant deficiency



Veterinary Health Center (VMTH/Clydesdale)

Date: 10/1/2019

Members: Dr. Henegar, Ms. Abbott

Others Present:
Dr. Dodam

Make-Up Date: **Members:**

Others Present:

Date of Report:**AAALAC Accredited:**

Yes

Surgery Area Report

9

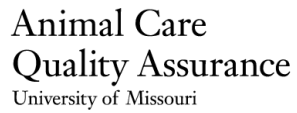
Overnight Housing Report

☐[illegible]

No deficiencies.

Citations

M: minor deficiency; S: significant deficiency



Veterinary Health Center - Wentzville

Room (if applicable)

Clare Frederking

Others Present:

☐

M: minor deficiency; S: significant deficiency

Veterinary Medical Building (VMB)

**1995 Ford Explorer 4x4 (Black) - VMB,
OAR Trailer**

Room (if applicable)

Date:	Members:	Others Present:
9/12/2019	Ms. Nichols, Dr. Wells, Dr. O'Connor, Ms. Abbott	Dr. Knebel, Dr. Olthoff, Dr. Cayton, Ms. Weir, Ms. Blair, Ms. Yang (extern)
Make-Up Date:	Members:	Others Present:

Date of Report:	AAALAC Accredited:	Surgery Area Report	Overnight Housing Report
	Yes	<input type="checkbox"/>	<input type="checkbox"/>

[illegible]

Comments

(OAR): Chickens have enrichment, but could benefit from more - OAR staff has been working on ideas for more enrichment.

Booth: Seal the wood on the training ladder or build it out of a sanitizable material now that the prototype is functional.

9
 (OAR): re-write starting weight on f/Air canister - it was written, but illegible.

Dr. Katz/Coates/Whiting areas: Inspected on 9/11/2019. Lani Castaner, Dr. Knebel, Dr. Cayton were present. Members: Ms. Abbott, Dr. Chambers. No deficiencies identified.

Citations

M: minor deficiency; S: significant deficiency

Veterinary Science Building (VSB)

Room (if applicable)

Date: 9/12/2019	Members: Ms. Nichols, Dr. Wells, Dr. O'Connor, Ms. Abbott	Others Present: Dr. Cayton, Dr. Knebel, Dr. Gustafson, Ms. Yang (extern)
Make-Up Date: 11/25/2019	Members: Dr. Henegar, Dr. O'Connor	Others Present: Dr. Lever, Kate Osman
Date of Report:	AAALAC Accredited: Yes	Surgery Area Report <input type="checkbox"/>
		Overnight Housing Report <input type="checkbox"/>

M/S	Repeat	Room #	Deficiency	Plan for Correction	Responsible Party	Correction Deadline	Date Completed
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Comments

No deficiencies identified.

Citations

M: minor deficiency; S: significant deficiency