

Memorandum to: David M. Anderson
From: Institutional Animal Care and Use Committee
Subject: Semiannual Report of the Program Review and Facility Inspection
Date: July 31, 2017

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.](#)):

The Animal Research and Care Facility (ARCF) opened and is now housing animals. Three members left the IACUC and one new member was appointed; all IACUC membership requirements continue to be met. All protocols are now in HoverBoard. Protocol migration validation included dual quality checks within the Office of Animal Welfare followed by verification by each Principal Investigator. OAW has independently verified that departures are properly coded within the system. All IACUC activity now occurs through HoverBoard, including recording and completing inspections, concerns and deficiencies.

Links:

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[Appendix A: Program Deficiency details](#)

[Appendix B: Facility Deficiency details](#)

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

The University of Washington adheres to the PHS Policy, the Guide for the Care and Use of Laboratory Animals, and the Animal Welfare Act. 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.

Summary: General – 2
 Cage Variances – 13
 Food/Fluid Restriction – 1
 Non-AVMA Euthanasia – 1
 Policy Variances – 8
 Temperature Variances – 13
 Weaning Variances – 36
 Wire Bottom Cages – 8

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
IACUC Policy	Rodent Cage Sanitation Frequency	General -- IACUC approved policy with exceptions to the Guide	Study findings	Sanitation Schedule for Rodent Cage Wire Tops and Filter Tops
IACUC action	na	General -- IACUC approved variance	The IACUC approved an exemption to house infant monkeys (age 2 weeks to a body weight of 1 kg) in cages that meet floor space requirements but are only 24" high. These animals climb up well, but are not adept at climbing down. The lower cage height reduces the risk of injury if an animal should fall.	IACUC approved cage size variance for USDA species.
PROTO201600115	2048-04: Chickens - Development, Function and Regeneration of Auditory System	Cage Variance	This will allow the use of only one brooder. This improves chick care because it provides an open brooder to rotate chicks between brooders while they are cleaned.	Male chicks <3 weeks old - floor space at 20 square inches each; Female chicks - floor space at 15 square inches each. Using recommendations of Guide for Care and Use of Agricultural Animals in Research and Testing (3rd Edition), instead of Guide for Care and Use of Laboratory Animals.

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201600147	3062-03: Development and Regeneration of Auditory and Vestibular Periphery (Chickens)	Cage Variance	Rationale: This will allow the use of only one brooder. This improves chick care because it provides an open brooder to rotate chicks between brooders while they are cleaned.	For chicks <3 weeks old, using recommendations of Guide for Care and Use of Agricultural Animals in Research and Testing instead of Guide for Care and Use of Laboratory Animals, caging will be: males - floor space at 20" squared each; females - floor space at 15" squared each.
PROTO201600218	3104-05: Lipoprotein-Matrix Interactions in Diabetes	Cage Variance	Metabolic screening is done in the CLAMS caging system because of the superior homeostasis information that it provides.	CLAMS (Comprehensive Lab Animal Monitoring System) caging for mice has a height of 4"
PROTO201600316	4130-01: Mitochondria in myopathy – mouse	Cage Variance	The CLAMS caging system is the preferred calorimetry system to best measure food consumption. Accurate whole-body measures of energy expenditure and food intake are critical to understand the bioenergetics underlying increased exercise performance.	Mice are housed for a period of 48 hours in CLAMS cages for calorimetry measurements. The CLAMS cages are 4" in height.
PROTO201600383	4369-01: Cardiometabolic Effects of Sex Steroids	Cage Variance	Metabolic screening is done in the CLAMS caging system because of the superior homeostasis information that it provides.	CLAMS caging for mice has a height of 4"
PROTO201600545	4360-01: Transdermal Delivery of Nicotine	Cage Variance	This cage size is compatible with the tether system being used.	Requesting a housing variance so that we may use this specialized tether compatible caging that measures 45in2. Description: Housing guinea pigs in a smaller cage for 18-42 hr
PROTO201600566	4118-01: Ikkbeta impairment of endothelial NO	Cage Variance	Metabolic screening is done in the CLAMS caging system because of the superior homeostasis information that it provides.	CLAMS caging for mice has a height of 4"

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201600761	3437-01: Oxidation and Diabetes	Cage Variance	The CLAMS indirect calorimeter is preferred to that provided by Sable Systems (which has adequate cage dimensions) depending on the study design and the measures required to perform a comprehensive characterization of the energy homeostasis phenotype of the animal. The CLAMS cage does not contain bedding, which allows for collection and quantification of urine and feces over designated time periods. The feeding apparatus is equipped to continuously measure food intake allowing the calculation of the size of the meal, the number of meals consumed, and the time between meals, which are important measures in the study of obesity and insulin resistance. The Sable System has a flawed hopper design, which results in excess food spillage into the cage; therefore, the optimal collection of metabolic data requires use of the CLAMS unit.	Mice are housed in the Comprehensive Lab Animal Monitoring System (CLAMS) to measure total energy expenditure, food and water intake, and physical activity for up to 72 hours.

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201600826	4378-01: TRP and IVS Core	Cage Variance	The CLAMS indirect calorimeter is preferred to that provided by Sable Systems (which has adequate cage dimensions) depending on the study design and the measures required to perform a comprehensive characterization of the energy homeostasis phenotype of the animal. The CLAMS cage does not contain bedding, which allows for collection and quantification of both urine and feces over designated time periods. The feeding apparatus is equipped to continuously measure food intake allowing the calculation of the size of the meal, the number of meals consumed, and the time between meals. This information can provide scientific insight into the biological mechanism(s) that cause obesity. Unfortunately, with the Sable Systems feeder, the hopper has design flaws resulting in excess food spillage into the cage, making this analysis impossible. In addition, the CLAMS unit is configured best to make measurements of core body temperature using an implanted telemetry transponder.	Metabolic screening, as described in this protocol, may involve the use of either the Sable or CLAMS systems. The CLAMS cages for mice do not meet the federal regulation, as stated in the Guide, for cage height to be at least 5". Cage height is 4" for the CLAMS mouse cages. We request a cage-size variance for the use of the CLAMS mouse cages.
PROTO201600898	2456-06: Neuroendocrine Control of Energy Balance - mice	Cage Variance	Metabolic screening is done in the CLAMS caging system because of the superior homeostasis information that it provides.	CLAMS caging for mice has a height of 4"
PROTO201700006	3104-01: Lipoproteins, Inflammation and Atherosclerosis	Cage Variance	Metabolic screening is done in the CLAMS caging system because of the superior homeostasis information that it provides.	CLAMS caging for mice has a height of 4"

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201700045	2174-23: Mouse Genomics Program	Cage Variance	The CLAMS indirect calorimeter is preferred to that provided by Sable Systems depending on the study design and the measures required to perform a comprehensive characterization of the energy homeostasis phenotype of the animal. The CLAMS cage does not contain bedding, which allows for collection and quantification of both urine and feces over designated time periods. The feeding apparatus is equipped to continuously measure food intake allowing the calculation of the size of the meal, the number of meals consumed, and the time between meals. This information can provide scientific insight into the biological mechanism(s) that cause obesity. Unfortunately, with the Sable Systems feeder, the hopper has design flaws resulting in excess food spillage into the cage, making this analysis impossible. In addition, the CLAMS unit is configured best to make measurements of core body temperature using an implanted telemetry transponder.	Metabolic screening, as described in this protocol, may involve the use of either the Sable, or CLAMS systems. The CLAMS cages for mice do not meet the federal regulation, as stated in the Guide, for cage height to be at least 5". Cage height is 4" for the CLAMS mouse cages. Species: Mice
PROTO201700077	2022-01: Regulation of Protein Kinase Genes	Cage Variance	Rationale: Individual measurement of calorimetry and intakes must be done in these cages, as they provide more accurate measurements than other cages that do meet Guide standards for height.	The CLAMS cage height is 4 in. and the height requirement in the Guide is 5 in.

PROTO201600247	4297-01: CHDD Mouse Behavior Laboratory	Food/Fluid Restriction	<p>Species: Mice Length of restriction: 12-18 hours 2 times Food Restriction : 1) Justification: For some tests (e.g., T-maze, land version of the radial-arm maze, or social transmission of food preference), 12-hr to 18-hr food deprivation might be necessary to provide adequate motivation for task completion. Mice are rewarded with food pellets at the ends of the appropriate arms of the T-maze and radial arm maze. We do not anticipate needing to do this to provide adequate motivation, but it might be necessary. For social transmission of food preference, two periods of 18-hr food restriction (separated by a 6-hr period where food is freely available) is necessary to provide motivation to select and consume the food powders that are associated with specific odorants (cinnamon, cocoa). This test is important to include as a way to assess a natural form of communication among mice, which is relevant to human disorders such as autism.</p> <p>2) Variables Monitored: Body weight Mice will be weighed at the beginning and end of the 18-hr period. Mice will be monitored at least twice, at the beginning of the 18-hr period (in the late afternoon) and again shortly after the lights turn on (7 AM) in the morning.</p> <p>3) Steps taken to ensure adequate nutrition/hydration: No anticipated weight loss of more than 10%. At the end of the 18-hr food restriction, individual mice are provided with the novel powdered food. After 1-hr, food consumption is measured by weighing the remaining food and assessed by video recording the mice during food consumption.</p>	Food restriction for 12-18 hours 2 times
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Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201600002	4209-01: Burke Collections	Non-AVMA Euthanasia	The birds euthanized under this protocol are being archived for use in future research. Research that has yet to be defined. We cannot afford to contaminate these specimens risking making them useless in the future. Thoracic decompression gives 'very fast' loss of consciousness in birds (less than 5 seconds for small birds and less than 20 seconds for large birds).	Rapid cardiac compression - birds Only desirable specimens of an appropriate size are euthanized via Rapid cardiac compression/thoracic compression. This technique is only used on species < 200g. Not used on diving birds. Used only when shotgun is not an option. Also used on specimens (of acceptable size) not euthanized by initial gunshot.
PROTO201600012	4266-01 DNA Vaccine Therapy - Mice	Policy Variance	Euthanasia Criteria for Influenza Challenge Studies: We request a euthanasia criterion of 30% weight loss to evaluate the protective efficacy of improvements made in the design of our vaccine antigens and therapeutics.	Our first vaccine designs generally limit weight loss to between 20-25% of body weight before the mice recover, and we need to use a higher weight loss to make sure we aren't euthanizing animals before they have a chance to recover. In the current literature the standard for euthanasia is 30% weight loss, and to better compare our results to published studies we would also like to use this standard. Mice will continue to be monitored daily and measures will be taken to alleviate suffering such as providing hydration gel and water softened food placed in trays on the bottom of the cage. Virus titers are referred to as ED50, the amount of virus needed to cause 30% weight loss (euthanasia point) in 50% of infected mice.

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201600068	2048-02: Mice/Rats - Development, Function and Regeneration of the Auditory System	Policy Variance	We are approved to administer aminoglycoside antibiotics to rats and mice. AG administration often results in a temporary drop in weight. Animals typically recover their weight a week or two following treatment. During treatment, animals are weighed and monitored daily. If weight loss is observed, animals are given nutritive supplements and saline injections to assist their recovery. We wish to adjust our current euthanasia criteria to allow for veterinary consultation when an animal's weight loss approaches 20%. In this way, if an animal is showing signs of improvement and meets with veterinary approval, supportive measures may be continued and the animal may remain in the study. If rats reach 20% weight loss, Veterinary Services will be contacted to determine if additional supportive care is appropriate or euthanasia is warranted on a case-by-case basis. Between 20-30% weight loss, supportive care and monitoring will be done in conjunction with Vet Services, with ongoing assessment to determine if the rat is at a humane endpoint. Rats will be euthanized if they reach 30% weight loss despite intensive supportive care.	Permissible Weight Loss Variance Species: Rats
PROTO201700115	2013-01: Mechanisms of Murine Tumor Eradication	Policy Variance	Rationale: The strains of mice being genotyped are less than 25 grams so technically 6 animals per cage is within the requirements in the GUIDE.	House 6 mice < 25 grams per cage for a 4 week period between weaning and genotyping.
PROTO201700115	2013-01: Mechanisms of Murine Tumor Eradication	Policy Variance	Breeding policy variance: Due to the difficulty breeding some of our transgenic strains of mice, we received approval to have a 2 male + 3 female breeding scheme for some strains (approved as a significant change in 2014).	Breeding policy variance: Due to the difficulty breeding some of our transgenic strains of mice, we received approval to have a 2 male + 3 female breeding scheme for some strains (approved as a significant change in 2014).

PROTO201600315	2856-01: p53 Function in the Central Nervous System	Policy Variance	<p>Rationale: We request to breed 1 male/4 females following situations and reasoning.</p> <p>(1) To do culture work using newborn pups, it is desirable to know when pups are born and available in order to schedule experiments in advance. Also, for establishing embryonic neuron cultures, timed mating is imperative. For these purposes, a male will be put with 4 females in a cage and plugs will be checked on the following days. Animals will be separated to conform to one of the options allowed for a breeding cage before pups are born. Newborn pups will be used for experiments as needed and, when necessary, kept for colony maintenance purposes. Surplus pups will be euthanized. Based on our experience in the past, four females all become pregnant sooner or later in most cases and therefore there seems to be no adverse effect of this breeding format on breeding behavior and efficiency. Thus, the harem mating (1 male/4 females) is an efficient breeding scheme, consistent with effective use of limited resources (the number of animals, space and budget) without sacrificing performance. This specifically applies to the p53 wild-type colony and C57BL/6J. The breeding cages thus started as harem mating may eventually be kept for colony maintenance in one of the formats (typically as trio breeding) allowed for a breeding cage.</p> <p>(2) Regular breeding to maintain certain strains. Some other strains we maintain are not necessarily as prolific as we would like. Some females are less efficient and often nearly infertile. For these strains, we would like to initially set up 1 male/4 females breeding cages. Once pregnancies are identified, visibly non-pregnant mice will be removed from the</p>	<p>Breeding cages with 1 male and 4 females.</p> <p>Species: Mice of strains used for embryonic or neonatal neuronsm esoecuakkt p53 and C57BL/6J.</p> <p>Description: Timed mating to obtain newborn pups for culture work.</p>
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		<p>cage before pups are born so that the number of remaining animals conforms to one of the options allowed (trio or quad breeding). This way, we can select females that are readily impregnated and therefore can be used as reliable females to maintain the lines for months to follow. The past experience showed that those females that were not impregnated in the first two weeks or so of mating either were inefficient or did not get impregnated at all in the following weeks of continuing breeding. Thus, the initial inefficiency seen with some females does not appear to be caused by the breeding condition of 1 male/4 females format, but rather is due to low fertility inherent to those specific females. This applies to Bax KO line, Bif-1 KO lines, Alzheimer.s disease model strain and mito-CFP transgenic line.</p> <p>(3) For difficult-to-breed strains. This is specific to our p53-KO line. Females of this strain show very limited fertility (~50% at best). Fertile females are relatively reliable breeders, but others are nearly completely infertile. Housing those infertile females in the trio format is inefficient in every way. Harem mating (1 male/4 females) allows efficient selection of fertile females without sacrificing the performance of those fertile females. In a typical setting, once pregnant females approach due dates, non-pregnant females will be removed and, depending on their mating history, either euthanized or put in another harem breeding cage. Ongoing breeder cages with fertile females will be in one of the options allowed (standard/trio/quad).</p> <p>Note: The one male/four female format we are requesting here is not for ongoing breeding. Regular breeder cages will strictly conform to one of the options currently allowed.</p>	
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		<p>Trio breeding will follow the IACUC guideline Number of Mice Maintained in Breeding Cages as follows with some modifications [in brackets].</p> <p>(a) Trio breeding can be used only for inbred strains or genetically modified mice where small litters (average 6 pups or less per litter) or poor breeding efficiency is seen. [Trio breeding will also be used for stains/lines that are expected to have litters of more than 6 pups but by following the next rule with our modification (below in brackets)].</p> <p>(b) If unusually large litters (more than 12 pups, 2 females and 1 male) are born, one of the two females with her litter must be separated to a new cage before the pups reach two weeks of age. [If large litters are born in fertile strains/lines, animals will either be separated according to the rule or extra pups will be euthanized to keep the number of pups no more than 12. This is a reasonable approach for us because we need to keep more females than males for mating purposes and all pups do not have to be weaned and kept for maintaining the strains/lines. Thus, excess pups, especially males, can be euthanized to meet the no more than 12 pups rule. Also, for the strains/lines from which we obtain newborn pups for culture work, pups will be used up on the day of birth and overcrowded conditions will not ensue.]</p> <p>(c) If a new litter is born in the cage prior to weaning of the old litter (pups greater than 19 days of age), the old litter will be weaned or separated immediately. [When older pups are small and our weaning variance is applicable, the weaning/separation of older pups will occur when they reach the size of normal 19 day-old pups.]</p> <p>(d) When pups of very different ages</p>	
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Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
			<p>(i.e., 19-20 days old versus newborn) are present in the cage, the older pups must be either weaned or separated with the dam. [When older pups are small and our weaning variance is applicable, the weaning/separation of older pups will occur when they reach the size of normal 19 day-old pups.]</p>	

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201600390	2950-01: Regulation of Serotonin Receptors	Policy Variance	In the course of weaning mice it has been noted that mice that are in smaller groups, or individually housed, or are smaller in body size grow and flourish more rapidly if they are provided with food on the floor of the cage as a transition to eating from the wire cage food hopper. Most mice do not require this. Rats recovering from surgery may also sometimes be given food on the floor of the cage temporarily to assist them with eating. Additionally, vet services have recommended that rats with surgical implants that rub against the wire cage food hopper be fed on the floor of the cage.	Food on floor of cage Species: Mice
PROTO201700023	3333-01: Gene Therapy for Neuromuscular Disorders	Policy Variance	Rationale: The mdx4cv:utrn-/- line has a severe muscular dystrophy and exhibits signs of progressively severe muscle weakness leading to compromised mobility, grooming, and ultimately feeding and breathing. These mice are monitored each week for evidence of general condition (retention of muscle mass and suitable ambulation upon opening the cage). Animals exhibiting evidence of impaired mobility receive hydration gel and food pellets placed on the cage floor, the latter of which is crushed for ease of ingestion if pellets do not appear to be consumed readily. With progression of age and condition, animals are studied daily for grooming/coat condition, respiration and righting ability.	food on floor of cage Species: Mice
PROTO201700039	4380-01: Organization of Immunity	Policy Variance	All serially imaged animals will be provided food on the bottom of the cage (if re-housed) to prevent weight loss	Food on floor of cage

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201600022	4364-02: Wnt Genes and Signaling (Zebrafish)	Temperature Variance	The lab has found that heat-shocking transgenic fish one time per day for the length of the experiment for a duration of 1 hour leads to adequate induction of the transgene as measured by GFP expression. Heat-shock will not be administered prior to completion of the 5-day post-operative monitoring procedure.	For induction of transgene expression zebrafish will be heat-shocked for 1 hour per day for the length of the experiment (up to 42 days post transection) by raising the temperature of their water from 28°C to 37°C slowly over 15-30 minutes, then returning the fish to 28°C water. Species: Zebrafish
PROTO201600386	3328-05: Biomarkers of Perinatal Asphyxia	Temperature Variance	The group is studying hypothermia as part of a treatment for brain injury during or immediately following birth	Use of a cooling cap for 72 hours Species: Macaca nemestrina
PROTO201600403	4246-01: Rodent Models of CNS-Immune System Interactions	Temperature Variance	To provide thermoneutral condition because the behavior and physiology studied are optimal at this temperature. Housed in environmentally controlled chambers that are monitored by Sensaphone at all times and inspected daily.	Housing at 29 +/- 1 C Species: Mice
PROTO201600566	4118-01: Ikkbeta impairment of endothelial NO	Temperature Variance	We will conduct the varied temperature experiment using environmental test chambers (incubators). All the energy homeostasis measurements can be performed within the two incubators by placing the Sable systems metabolic cages. For experiments examining the metabolic response to cold adaptation, the environmental chambers will then be set at 5°C and allowed to reach that temperature overnight. The following day, mice will be placed in individual metabolic cages that contain bedding that are housed within the environmental chamber at 5°C. Following four hours of exposure at 5°C, animals will be removed and immediately sacrificed.	5 degrees C for 4 hours. Species: Mice

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201600717	2456-07: Neuroendocrine Control of Energy Balance - rat	Temperature Variance	Metabolic experiments. Ambient temperature (Ta) will be reduced from 22°C to 14°C. A Ta value of 14°C will be maintained for up to 1 week and then will be raised back to 22°C. This cool exposure time is less than that previously reported in the literature (2 weeks).	Cool Temperature Species: Rat
PROTO201600717	2456-07: Neuroendocrine Control of Energy Balance - rat	Temperature Variance	Metabolic experiments. Ambient temperature (Ta) of the chamber will be increased from 22°C to as high as 38°C over a period of 60 min. Ta will be maintained at 38 ± 0.5°C for 120 min and then returned to 22°C over the next 60 min. Each cohort will be tested in the incubators over a 3-day period. Animals will be monitored every 15 minutes throughout the duration of the heat exposure.	Heat Exposure Species: Rat
PROTO201600717	2456-07: Neuroendocrine Control of Energy Balance - rat	Temperature Variance	Metabolic experiments. Ambient temperature (Ta) will be reduced from 22°C to 7°C over a 60-min period. A Ta value of 7 ± 0.5°C will be maintained for 120 min and then will be raised back to 22°C over the next 60 min. Each cohort will be subjected to cold stress over a 3-day period. Animals will be monitored every 15 minutes throughout the duration of the heat exposure.	Cold Stress Species: Rat

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201600717	2456-07: Neuroendocrine Control of Energy Balance - rat	Temperature Variance	Animals undergo a series of metabolic experiments. Normally, room temperature is kept between 68° and 78° F. However, to eliminate the possibility that a defect in the maintenance of body temperature is contributing to the enhanced energy expenditure in rodents of a particular genotype, the same metabolic experiments need to be performed under thermoneutral conditions. This experiment is performed routinely in metabolic chamber systems and does not harm the animal. Room temperature will be manually raised from 76° to 90° F with a 4 ~5 degree rise per every 48 hour. Animals will be placed in the metabolic chambers for a total of 192 hours.	Thermoneutral Species: Rat
PROTO201600898	2456-06: Neuroendocrine Control of Energy Balance - mice	Temperature Variance	Metabolic experiments. Ambient temperature (Ta) of the chamber will be increased from 22°C to as high as 38°C over a period of 60 min. Ta will be maintained at 38 ± 0.5°C for 120 min and then returned to 22°C over the next 60 min. Each cohort will be tested in the incubators over a 3-day period. Animals will be monitored every 15 minutes throughout the duration of the heat exposure.	Heat Exposure Species: Rat

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PROTO201600898	2456-06: Neuroendocrine Control of Energy Balance - mice	Temperature Variance	Animals undergo a series of metabolic experiments. Normally, room temperature is kept between 68° and 78° F. However, to eliminate the possibility that a defect in the maintenance of body temperature is contributing to the enhanced energy expenditure in rodents of a particular genotype, the same metabolic experiments need to be performed under thermoneutral conditions. This experiment is performed routinely in metabolic chamber systems and does not harm the animal. Room temperature will be manually raised from 76° to 90° F with a 4 ~5 degree rise per every 48 hour. Animals will be placed in the metabolic chambers for a total of 192 hours.	Thermoneutral Species: Mice
PROTO201600898	2456-06: Neuroendocrine Control of Energy Balance - mice	Temperature Variance	Metabolic experiments. Ambient temperature (Ta) will be reduced from 22°C to 14°C. A Ta value of 14°C will be maintained for up to 1 week and then will be raised back to 22°C. This cool exposure time is less than that previously reported in the literature (2 weeks).	Cool Temperature Species: Mice
PROTO201600898	2456-06: Neuroendocrine Control of Energy Balance - mice	Temperature Variance	Metabolic experiments. Ambient temperature (Ta) will be reduced from 22°C to 7°C over a 60-min period. A Ta value of $7 \pm 0.5^{\circ}\text{C}$ will be maintained for 120 min and then will be raised back to 22°C over the next 60 min. Each cohort will be subjected to cold stress over a 3-day period. Animals will be monitored every 15 minutes throughout the duration of the heat exposure.	Cold Stress Species: Mice

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201700006	3104-01: Lipoproteins, Inflammation and Atherosclerosis	Temperature Variance	For acute cold stress measurements, mice will be placed inside the test chamber and ambient temperature will be reduced from 22 degrees C to 5 degrees C over a 60 minute period. The temperature will be maintained at 5 degrees C + or - 0.5 degrees C for 240 minutes and then raised back up to 22 degrees C over the next 60 minutes. Each cohort of mice will be subjected to a single acute cold stress over a 3-day period. Following recovery (at least 5 days), an additional second chronic cold stress will be induced by reducing ambient temperature to 14 degrees C over a 60-minute period. The temperature will be maintained at 14 degrees C + or - 0.5 degrees C for 3 days and then raised back to 22 degrees C over the next 60 minutes. These measurements are necessary to determine the effect of CLA on thermogenesis in a mouse model of diet-induced obesity	5 degrees C for 4 hours, 14 degrees C for 3 days Species: Mice
PROTO201600016	4359-01: Pharmacological and Genetic Approaches to Aging	Weaning Variance	Both ndufs4 and s6k1 KO mice can have very small size (<5 grams) at 21 days and may not be able to survive without parental care. Pups will be weaned at 28 days maximum	Wean at 28 days of age. Breeding trio (one male, two females) and 1-2 litters of pups up to 28 days old. Female and older litter will be separated until weaning as soon as another litter is born. Species: Mice, Ndufs4, S6k1 knockouts

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201600055	2011-21: Physiological Calcium Adenylyl Cyclase (PCAC)	Weaning Variance	The AC3-/- mice are runts and too small to be weaned at 21 days of age. We usually get 1-2 runts per litter and will keep the runt pups with their two normal littermates until 28 days; the normal littermates are to be used as controls for the runt litter mates	Wean AC3-/- mice at 28 days of age. Breeding trio (one male, two females) and 1-2 litters of pups up to 28 days old. We request leaving these pups with their dam until they are 28 days old, we will wean these mice at 28 days with 2 normal littermates and 1-2 runts. We will reduce the litter size to 3-4 pups per litter at 21 days. . In the event that a new litter is born to a cage in which pups greater than 21 days of age are present, the older litter will be separated with their dam immediately. If a dam has a new litter prior to weaning its older pups then the older pups will be weaned immediately. Species: Mice (strain AC3-/-)
PROTO201600072	3410-01: Mechanisms of Synaptic Transmission	Weaning Variance	All of the protocol's mice are on a background strain of C57BL/6;129Sv. This inbred strain is known to have small litters of slow developing pups with relatively long inter-litter intervals.	Weaning age up to 28 days with no more than 3 adult mice (2 females and one male) and two litters (? 12 pups) in a cage at any time. When there are two litters in a cage at the same time the older litter will not be > 18 days old. When a litter is born in a cage that already has a litter > 18 days either the older litter will be weaned immediately (if 21 days or older and appear to be doing well) or the younger litter will be removed and sacrificed immediately or before the older litter reaches 19 days old. Species: Mice on background stain of C57BL/6;129Sv
PROTO201600082	3123-01: Mammalian Inner Ear	Weaning Variance	Rationale: Because this is an inbred strain of mice, transgenics born on the C57BL/6 background tend to be smaller than pups born on other backgrounds and the litters from these strains are generally smaller and less frequent and the mice will be more robust if left to grow longer.	Transgenics on C57BL/6 background (C57BL/6, Hes5-GFP, PLP-CreER, Dcx-CreER, Rosa-YFP) to be weaned at 28 days of age. Using a trio breeding scheme, if a newborn litter is born, the older litter will be separated with their mother until weaned. Species: Mice

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201600100	3373-01: Salmonella Pathogenesis and Immunity	Weaning Variance	We breed phox, iNOS, and phox-iNOS double mutant mice. These mice, phox and iNOS-phox mice, are deficient in the ability to generate a respiratory burst in phagocytic cells. Mice have to be on prophylactic sulfamethoxazole-trimethoprim sulfate in their drinking water to prevent spontaneous infection from their normal flora. These strains are generally too small at 21 days. We have found that an additional 5-7 days is sufficient for them to grow and be weaned successfully. The iNOS mice are much more robust, but the pups still tend to grow slower even though they are not on antibiotics	Weaning Variance: Wean at 21 to 28 days of age. Trio breeding is used and the litter size varies from 3-6 pups per litter. The group will insure that if a new litter is born in the cage prior to weaning of the old litter (pups greater than 21 days of age), the old litter will be weaned or separated immediately. These mice are closely monitored at least once a week and sometime more frequently. Species: Mice, phox, iNOS and iNOS-phox mice
PROTO201700115	2013-01: Mechanisms of Murine Tumor Eradication	Weaning Variance	Some of our transgenic mouse strains result in pups that are very small at weaning age. Thus, we have received approval to wean all strains at 28 days of age. Rationale: Mice of these strains are sometimes relatively small and show increased mortality if weaned at 21 days of age.	Breeding cages may house a trio (one male, two females) and no more than 12 pups up to 28 days old. If additional litters are born prior to weaning the older litter(s), the older litter will be moved to a new cage.
PROTO201600122	4104-01: Multiple myeloma (and AML) model in NOD-SCID Animals	Weaning Variance	These mice are immunodeficient and immature at 21 days of age. We propose to keep one adult female with her litter for up to 28 days of age.	Wean at 28 days. Breeding trio (1 male + 2 females) plus up to 1 litter of pups up to 28 days of age. Pregnant females will be moved from the breeding cage to their own cage. Species: Mice, NODscid IL2-R-gamma chain knockouts.
PROTO201600126	4339-01: Developmental Regulation of Drug Metabolism by Gut Microbiome and PBDEs	Weaning Variance	This mouse strain has lower body weight compared to age-matched wild type mice.	Wean at 28 days, maximum in cage 1 male and 2 female adults with 1 litter. Species: CAR-null mice

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201600130	3274-02: Novel Calcium-Binding Proteins of the retina	Weaning Variance	Pups with CaBPs targeted genes are still very small at a weaning age of 21 days. In addition these mouse lines produce small litters (~5-6 pups). To increase viability, weaning age will be between 21 - 28 days of age.	Pups of CaBP1 KO and CaBP2 KO to be weaned between 21 - 28 days of age. For trio breeding, when a new litter is born in the cage prior to weaning of the old litter, the old litter will be separated immediately. For quad breeding, 2 females are separated when apparent that one of them is pregnant. Species: Mice, CaBP1 KO and CaBP2 KO
PROTO201600170	2224-05: Renal Insufficiency and Vascular Disease	Weaning Variance	Neonatal death is increased within 5-7 days after birth due to a cage disturbance or loud noise/vibration nearby. Early (prior to 5-7 days old) separation of the neonates into a new cage is likely to result in neonate lethality in these lines. A weaning variance is required to reduce stress on the animals and promote breeding with these lines.	Late weaning by 5-7 days if pups look smaller than 21 days old or recommended by Vet Services. Late weaning/separating of the first litter by 5-7 days (i.e., at the time the second litter is 5-7 days old) if a new litter is born in the cage prior to weaning the first litter. Late weaning applies to entire litter. Latest weaning will be 28 days. For standard pair breeding, 1 male, 1 female, and 1 litter will be in the cage. The maximum number of adults and pups that will be in a cage for trio breeding of difficult lines (especially anything on the DBA/2 background or the PiT-2 breeding lines) are 2 females, 1 male, and 12 or less pups. Species: Mice PiT-1 and PiT-2
PROTO201600175	2650-07: Macrophages and Atherosclerosis	Weaning Variance	The pups of the apo E ^{-/-} mice are smaller than normal C57Bl/6.	Wean at 28 days of age for apo E ^{-/-} strain. Species: Mice, apo E ^{-/-}
PROTO201600303	2650-08: Plaque Destabilization	Weaning Variance	Mice are undersized at 21 days and do not thrive well if weaned.	Wean at 28 days. Mice are bred as 2 females and 1 male. If a dam drops a second litter, wean the older pups immediately. Species: Mice apoE ^{-/-}

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201600315	2856-01: p53 Function in the Central Nervous System	Weaning Variance	<p>As newborn animals in our mouse colonies, especially those of knockout strains, tend to show somewhat retarded growth we request a weaning variance in which weaning is delayed, when necessary, until 30 days after birth in order to reduce post-weaning deaths due to premature weaning. Mating cages of these knockout mouse strains will have the regular format of 1 male-2 females-2 litters (or the equivalents of 5 adults). However, these mice are not as fertile as their wild-type counterparts and their litter sizes tend to be smaller. Also, they are mated so that 2 litters are born at least one week apart. Thus, there is little chance of having 2 litters of similar age and ordinary litter size (8-10 pups) present in a cage at any one time. In such rare occasions, we will make an effort to reduce the number of pups by euthanizing unnecessary pups (typically male mice in our case) halfway toward weaning. As soon as the pups reach the body size for safe weaning, they will be weaned. This weaning variance applies to any mice that are born small but need to be kept into adulthood, but the following strains tend to require the variance more frequently: p53-/-, Bax-/-, Bif-1-/-, and Bif-1c (added in version 74).</p>	<p>Wean at 30 days of age. Breeding cages can contain: 1 adult male, 2 adult females and 2 litters up to 30 days old. However, see rationale below. Species: Mice, any strains that may have retarded growth but need to be kept into adulthood, especially Bax-/-, Bif-1-/-, Bif-1c (added in version 74).</p>

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201600403	4246-01: Rodent Models of CNS-Immune System Interactions	Weaning Variance	Weaning at a later age is beneficial for mice with reduced viability. Double knockout mice often have reduced viability. Gel and diet on the bottom of the cage will be provided at weaning and the sign "Gel/Toggle" attached to the front of weaned cage. To avoid tramping newborn pups by previous litter, cages with P15-P18 pups will be checked for pregnant female(s) and pregnancy stage. Pups will be weaned earlier (starting at 19 days) if next litter is to be born within 1-2 days. If the next litter is born before the previous litter is ready to be weaned, that litter will be separated into a different cage.	Wean at 28 days of age. Species: Mice, double knockout mice
PROTO201600562	2488-10: Satellite Cells and Skeletal Muscle Growth Dynamics	Weaning Variance	Because of the small size of these animals, there is an increase in deaths post-weaning if they are weaned at 21 days of age. The animals at 28 days of would be a more typical size for weaning.	Wean at 28 days of age. Species: Mice, Rag 1-/-, mdx and alpha7 integrin
PROTO201600582	2224-07: Calcification and Vascular Cell Differentiation	Weaning Variance	We had better neonate survival if postponed weaning of these lines of mice. Late weaning/separating of the first litter by ~5-7 days (i.e., at the time that the second litter is 5-7 days old) if a new litter is born in cage prior to weaning of the first litter.	Weaning Variance: floxed-Runx2, SM22Cre, LDLr-/-, MGP+/- wean 5-7 days late in standard pair breeding. Species: Mouse
PROTO201600660	4134-01: Genes in Cardiovascular Development and Disease	Weaning Variance	These mice are generally small at 3 weeks and have decreased survival when weaned at this age. Better success is achieved when weaned up to 28 days postpartum.	Wean at 28 days of age Species: Mice, CHF1/Hey2 KO
PROTO201600692	4261-01: Liu Lab Animal Protocol	Weaning Variance	Mice are smaller than normal at 21 days of age and therefore need to delay weaning by up to 1 week.	Wean at up to 28 days of age. Number of mice maintained in breeding cages will be per relevant IACUC policy. Species: Mice, PKC KO

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201600703	4249-01: Genetic Dissection of the Emotional Basis of Learning	Weaning Variance	These mice are smaller than littermate controls and require one extra week before weaning.	Wean Drd1a-null mice at up to 28 days of age. Breeding trio (one male, two females) and 1-2 litters of pups up to 28 days old may be in the cage at any one time. If additional litters are born prior to weaning the older litter(s), the new litter will be removed. Species: Mice, Drd1a-null strain
PROTO201600752	2348-01: Developmental Influences on T Cell Receptor Expression	Weaning Variance	These lines develop more slowly than standard strains and at 21 days are too small and weak to self-feed. Will have (a) 1 adult male, 2 adult females, and 2 litters up to 21 days of age, or (b) 1 adult female, 1 litter up to 28 days of age and 1 litter under 21 days of age. May need to separate out a female and pups into a separate cage until the pups are weaned, e.g., if one female has two litters and the other female has one litter. In rare cases in which 13 or more pups 14 days of age or older exist in a cage of breeders, we will separate out one female and her pups to reduce the total number of mice per cage to an acceptable level.	Wean at 28 days of age. Species: Mice, TCR transgenic, RAG null, TCRa null, TCRbg null, plt and Bim null
PROTO201600756	2343-01: PON1 polymorphism	Weaning Variance	The current method of weaning mice at 21 days of age has occasionally resulted in adverse health effects (lethargy, weight loss) in mice of our particular strain (backcrossed B6. 129), because some mice are not fully weaned from the dam by 21 days of age, and have not learned how to use the lixit and/or chew solid food.	Wean at 22-28 days of age. Species: Mice, PON1+/, PON1-/-, tgHuPON1Q192 and tgHuPON1R192
PROTO201600774	4230-01: Linking innate and adaptive immunity	Weaning Variance	Delay weaning for a few days, maximum 1 week, if they are particularly small. No particular strains.	Wean by 28 days, trio with maximum of 12 pups Species: Mice, occasional runts or small litters at 21 days

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201600782	2199-09: Auditory Neurogenetics	Weaning Variance	Several of our strains have smaller pups and reduced litter sizes often of only 4-5 pups. These pups do not develop motor skills sufficient for them to be weaned at 21 days. We find that maintaining stable trios (1 adult male and 2 adult females) and allowing the pups to stay with their moms until 28 days for weaning helps the pups be able to reach/eat the food and water. Given the small pups and reduced litter size this variance should not cause overcrowding.	Wean at 28 days of age with 1 adult male and 2 adult females in breeding cage. Species: Mice, Deafwaddler and quivering strains, Potassium channel mutants Kcna1KO, Kcan1EA1, Kv1.2KO PMCA2 mutants Atp2b2dfw, Atp2b2dfw2J, Atp2b2dfwi5, Atp2b2Tg-dox, Atp2b2V586M β -spectrin4 mutants Spnb4qv, Spnb4qv4J Claudin9 mutant Cldn9Tg-dox
PROTO201600786	4246-03: Traumatic Brain Injury	Weaning Variance	We have been breeding transgenic mouse strains listed on this protocol for several years. In our experience, pups of these strains have reduced viability and benefit from weaning after 21 days of age. Therefore, to increase viability and well-being of pups, we will be weaning pups from all transgenic strains on this protocol between 25 and 28 days of age unless pups need to be separated earlier.	Wean between 21 and 28 days. All transgenic strains to be bred on this protocol have average litter size 6 or less pups per dam. Two types of breeding will be used: trios (two females and one male), and pairs (one female and one male). We will follow University of Washington IACUC Policy on Number of Mice Maintained in a Breeding Cage. Each cage will have no more than 3 adult mice (breeders). If large litters (trio breeding with more than 12 pups) are born, one of the two females with her litter will be separated to a new cage before the pups reach two weeks of age. If a third litter is born prior to weaning of the previous litters, older pups will be separated immediately. When pups of very different ages are present in the cage, the older pups will be either weaned or separated with the dam. If a new litter is born in the cage prior to weaning of the old litter (pups greater than 19 days of age), the old litter will be weaned or separated immediately. Species: Mice, all transgenic strains

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201600830	3278-01: Gene Function in Lymphopoiesis and Cancer	Weaning Variance	Both strains are smaller (<20% smaller) than their littermates at birth and throughout life. We are unsure exactly the mechanisms of dwarfism, but would like permission to wean at 4 weeks of age due to increased weaning stress and mortality after weaning.	Wean at 4 weeks of age for LPAB mice and Hem1-/- . Both strains are smaller (<20% smaller) than their littermates at birth and throughout life. We are unsure exactly the mechanisms of dwarfism, but would like permission to wean at 4 weeks of age due to increased weaning stress and mortality after weaning. We will not have more than 2 litters per cage if trio breeding, and will not have more than 12 pups per cage. If we find more than 12 pups, we will remove one litter with their mother until the pups are weaned. And, we will separate if an additional litter is born before the old litter is weaned (pups greater than 19 days of age) Species: Mice, LPAB (Fnip1-/-) and Hem1-/-
PROTO201600898	2456-06: Neuroendocrine Control of Energy Balance - mice	Weaning Variance	Weaning time is an experimental variable (20 vs 27 days). PPARg controls body weight in a manner that is dependent on time of weaning might suggest that this receptor is an important factor in the post weaning development of neurocircuits involved in the regulation of body weight, food intake and energy homeostasis. Assess post-weaning body and food intake in PPARgNKO and WT mice both after a normal weaning time (20 days) and after prolonged weaning (27 days).	Wean at up to 27 days of age. Species: Mice, PPARgNKO and WT

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201600922	2436-12: Inflammatory Bowel Disease, Colon Cancer, and Infectious Agents	Weaning Variance	These mice are much smaller than heterozygote or wild type mice and if left with their dam until they are 24 - 35 days old they thrive and do much better.	Wean between 24 - 35 days of age. The maximum number of mice in one cage will be one male, 2 females, and 2 litters less than 35 days old; if unusually large litters are born making it so that there are more than 12 pups, 2 females and 1 male, present in the cage at one time, one of the two females with her litter will be separated to a new cage before the pups reach two weeks of age. In the event that a new litter is born to a cage in which pups greater than 19 days of age are present, the older litter will be separated with their dam immediately. If both dams have new litters while older pups are present or we are unable to determine which dam to separate with the older litter, the older pups will be weaned immediately. Species: Mice, Smad3-/-, Rag2-/- double knockout, B6.Smad3-/-, TLR4-/-
PROTO201600933	4196-01: Genetic and Functional Analysis of AKAPS	Weaning Variance	Some strains of mice (e.g., AKAP150, AKAP220, Wave1KO, crosses of these) are undersized for their age	Wean at 28 days of age. Cage will contain 2 adult females and 1 adult male and 2 litters of up to 28 days of age. Species: Mice, AKAP150 and others.

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201700023	3333-01: Gene Therapy for Neuromuscular Disorders	Weaning Variance	Dystrophic mice have smaller litter sizes and less robust weanlings than the wild type controls. The lab has implemented this weaning variance for the health of the mice because there was a fair amount of mortality when the dystrophic mice were weaned at 21 days. While most of the colony (mdx) mice will be weaned between 21 to 24 days, the more fragile strains (dystrophin:utrophin double knockout [mdx:utr ⁿ -/-; or DKO]) requiring a longer time with the parents and will be evaluated on a litter by litter basis. The stronger/larger members of the same litter will be weaned as early as possible. The double knockout mice are the most fragile and breeding cages will be set up with one male and one female to help prevent overcrowding. With careful vigilance, the intent is to reduce both weanling and neonatal mortality.	Weaning Variance: Up to 28 days. Maximum number of adult mice in a cage is 5 with one litter counting as 1 adult mouse. Species: All MDX (dystrophic) mice.
PROTO201700040	2658-01: Autoimmunity and Immune Tolerance	Weaning Variance	Many of our TCR transgenic and other immunodeficient strains have pups that are too small to be weaned at 21 days of age. If we leave these pups with their dam until they are 28 to 35 days old, they thrive and do much better	Wean between 28 - 35 days of age. The maximum number of mice in one cage will be 1 adult male, 2 adult females, and 2 litters (12 pups or less in total) less than 35 days old. If a new litter is born prior to weaning of the old litter (19 days or older), the old litter will be weaned or separated immediately. Species: Mice, TCR transgenics, Rag ^{-/-} , B cell-deficient, IFN-g ^{-/-} , IFN-g receptor ^{-/-} , IL-17 receptor ^{-/-} , Fas ^{-/-} , perforin ^{-/-} , GM-CSF ^{-/-}

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201700042	4231-01: Endothelial progenitors as islets vascular address	Weaning Variance	Because of their transcriptional defects, growth rate of Id1+/-Id3-/- pups is also slower so that at 21 days their body size resembles that of a 15-16 day old wild type pup. Weaning of such pups clearly smaller in body size is delayed from 21 to 28 days post-birth. Because these knock-out mice are usually represented at low frequency within a litter (i.e., 1 out of 8-12 pups), it is expected that no more than 1 or 2 pups per breeder cage may be left for weaning at 28 days at any given time.	Wean at 28 days instead of 21 days Species: Mice, Id1+/-Id3-/-
PROTO201700046	4290-01: Cardiac Development >> SC: 4F CM Regeneration	Weaning Variance	Neonates subjected to MI have smaller size and body weight and have delayed development and will benefit from staying with their mothers longer.	KDM4Dtet, C57 and FVB mice for neonatal MI project to wean at 3-4 weeks. After surgeries are complete litters will be re-introduced to their foster mother, leaving 1 litter in the cage. If a new litter is born in the cage prior to weaning of the old litter (pups older than 19 days of age), the old litter will be weaned or separated immediately. Species: Mice, KDM4Dtet, C57 and FVB
PROTO201700046	4290-01: Cardiac Development >> SC: 4F CM Regeneration	Weaning Variance	LmnaKO mice have much smaller size and body weight and delayed development, and would benefit from staying with their mothers for slightly longer.	Wean at 21-28 days of age. For a single breeding pair (1 male plus 1 female per cage) pups to remain with their mothers up to 28 days rather than the standard 21 day. If a new litter is born, the older litter will be weaned immediately. Species: Mice, LmnaKO
PROTO201700053	3041-04: Apoptosis and Neurogenesis	Weaning Variance	These mice tend to be smaller than other strains of mice. Weaning at 28 days of age results in more robust mice. We normally place 1 male and 2 females in cage for mating. We will place one litter with dam only per cage during the extended weaning period (between 3-4 weeks after pups are born) to avoid potential crowding.	Wean at 28 days of age. Species: Mice, transgenic on C57BL/6 background

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201700077	2022-01: Regulation of Protein Kinase Genes	Weaning Variance	Pups are not able to feed themselves at 21 days of age due to genetic mutation. Breeding is done in trios so the cage can have an adult male, two adult females, and two litters less than 35 days of age. If a female has a second litter, one of the females and litter(s) should be removed to another cage.	After weaning, up to 6 male siblings may be housed together for up to 35 - 42 days of age. Species: Mice
PROTO201700077	2022-01: Regulation of Protein Kinase Genes	Weaning Variance	Pups are not able to feed themselves at 21 days of age due to genetic mutation. Breeding is done in trios so the cage can have an adult male, two adult females, and two litters less than 35 days of age. If a female has a second litter, one of the females and litter(s) should be removed to another cage.	Weaning Variance: Wean between 28 - 35 days of age. Species: Mice, RII mutant, Cbeta, RIIbeta, Calpha, AKAP7 and crosses of these strains.
PROTO201600055	2011-21: Physiological Calcium Adenylyl Cyclase (PCAC)	Wire Bottom Cages	Using metabolic cages for 16-hour mouse urine collection sessions.	Wire bottom cages Species: Mice
PROTO201600170	2224-05: Renal Insufficiency and Vascular Disease	Wire Bottom Cages	Metabolic cages are necessary to keep urine separate from feces during a 24-hour collection of urine samples from uremic mice.	Wire Bottom Cages Species: Mice
PROTO201600467	4281-01: Role of T6S-Dependent Interbacterial Interactions on Polymicrobial Infection Outcome	Wire Bottom Cages	Once ticks have been attached to their backs, mice will be individually housed in static cages with wire floor inserts above a thin layer of sterilized water. This housing arrangement is necessary to prevent other mice from chewing or rubbing off the attached ticks, and to provide a means for catching engorged ticks when they fall off of mice subsequent to feeding. Mice will be housed in this fashion for 3-5 days while ticks feed. Once all ticks have fallen off, mice will be euthanized.	Wire Bottom Cages Species: Mice

Protocol ID	Protocol Name	Departure Type	Departure Reason	Departure Description
PROTO201600675	2359-04: Biochemical Studies of PLA2	Wire Bottom Cages	Metabolic cages with wire floor and without bedding are used for a period of 1 - 5 days because urine is being collected continuously to measure the secretion of a radiolabeled version of a protein that is secreted in the urine. And the urine may be radioactive.	Wire Bottom Cages Species: Mice
PROTO201600761	3437-01: Oxidation and Diabetes	Wire Bottom Cages	Metabolism studies, collection of individual data.	Wire Bottom Cages Species: Mice
PROTO201600816	2968-04: Glomerular Progenitors	Wire Bottom Cages	Metabolic cages are needed for urine collection. Regular cages with bedding would make accurate urine collection difficult because the bedding would absorb the urine.	Wire Bottom Cages Species: Mice
PROTO201600933	4196-01: Genetic and Functional Analysis of AKAPS	Wire Bottom Cages	Nalgene metabolic cages with wire floor and without bedding are used for up to 10 days to allow for urine collection during study of water homeostasis	Wire Bottom Cages Species: Mic
PROTO201700006	3104-01: Lipoproteins, Inflammation and Atherosclerosis	Wire Bottom Cages	For the last 48 hours of the in vivo reverse cholesterol transport experiment, mice will be housed individually in wire-bottom cages for collection and analysis of feces from each mouse.	Wire Bottom Cages Species: Mice

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

Animal Care and Use Program Review Date(s): April 4, 2017; April 27, 2017; July 20, 2017
Select A or B:

- A. There were no deficiencies in the program during this reporting period.
 B. The following deficiencies have been identified:

See [Appendix A](#)

III. Deficiencies in the Institution's Animal Facility

Animal Facility Inspection Date(s): 1 January 2017 – 30 May 2017
Select A or B:

- A. There were no deficiencies in the animal facility during this reporting period.
 B. The following deficiencies have been identified:

See [Appendix B](#)

IV. Minority Views

Select A or B:

- A. No minority views were filed.
 B. The following minority views were filed:

V. Status of AAALAC Accreditation

Reference Assurance: #000523
Most Recent AAALAC Site Visit: 11/17/2015 through 11/20/2015
Most Recent Full Accreditation issued: 03/22/2016 – 03/21/2019

VI. Signatures

Names of IACUC Members	Signatures
Jane M Sullivan	See concurrence letter attached
Jacqui Bales	See concurrence letter attached
Paul W Barras	See concurrence letter attached
Thea L. Brabb	
Andrew J Burich	
G Michael Gough	
Christian E Grue	
Scott Raymond Haskell	See concurrence letter attached
Charlotte E Hotchkiss	See concurrence letter attached
Jennifer F. Iwamoto	See concurrence letter attached
Kristen Faith le Mieux	See concurrence letter attached
Stephen James Libby	See concurrence letter attached
Jeanot Muster	See concurrence letter attached
Molly K Lucas	
Aubrey Schoenleben	See concurrence letter attached
J. Preston Van Hooser	See concurrence letter attached

Appendix A Deficiencies in the Institution's Animal Care and Use Program Report

Severity	Repeat	Location	Deficiency and Corrective Action Plan	Responsible Parties	Correction Due Date and Status	Date Complete
significant	no	various	10 adverse events were reported to the IACUC and Institutional Official. All of these were also reported to OLAW.	various	9 events have been concluded to the IACUC's satisfaction; one remained open as of 6/30/17.	various
significant	no	WaNPRC	NHP Dehydration Corrective Action Plan: Disciplinary action. Annual recertification and verification of duty requirements.	Jeremy Smedley, Associate Director of WaNPRC	Correction due date: 2/6/17. Response received and accepted.	2/6/17
significant	no	WaNPRC	Cage change noncompliance Corrective Action Plan: Disciplinary action. Annual recertification and verification of duty requirements. Alter practices and forms to make cage changes more obvious at the room level. Require manager sign off.	Jeremy Smedley, Associate Director of WaNPRC	Correction due date: 2/6/17. Response received and accepted.	2/6/17
significant	no	WaNPRC	Improper anesthesia records and programmatic issues at WaNPRC Corrective Action Plan: Adjusting the approach used to improve overall job performance. Replace personnel expeditiously, to address overtime issues. Continue multiple methods to give all staff a voice in center affairs. Move back to always having 2 people involved in animal transport. Implement a "buddy" system where AM and PM room checks are swapped. Teamwork initiative, including having animal and veterinary technicians work together to come up with solutions for how to perform their job better.	Mike Mustari, Director, WaNPRC	Correction due date: 11/16/17. Initial response received and accepted 5/18/17. The IACUC requested an update in six months on changes at the WaNPRC.	In process
significant	no	DCM vivaria	The IACUC notes that in the past year, 5 separate incidents of rodent deaths due to lack of water were reported in DCM vivaria. Four of these involved water bottles. Corrective action includes retraining of husbandry staff and reminder messaging in rooms and at meetings. In vivaria without auto-water systems, DCM is phasing in a change from water bottles to sterile water pacs which may be less prone to error.	Department of Comparative Medicine	Correction Due Date: various. Appropriate corrective action was taken for each incident. Change to water pacs in some facilities: 7/1/2018	various

Appendix B Deficiencies in the Institution's Animal Facility Report

Severity	Repeat	Location	Deficiency and Corrective Action Plan	Responsible Parties	Correction Due Date and Status	Date Complete
Minor	no	HSB: K-Wing Vivarium - K018C	Deficiency: K018C: Room had a strong mouse odor. Please check the air ventilation. Corrective Action Plan:	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: 2/24/2017 Status: Complete	2/7/2017
Minor	yes	Hitchcock Vivarium - 118G	Deficiency: 118G (Repeat): Feed in the food storage room is over 70 degrees. Recommended getting a refrigerator for the 118 suite for food storage. Corrective Action Plan:	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: 6/30/2017 Status: Complete	5/15/2017
Minor	no	HSB: K-Wing Vivarium - K024A	Deficiency: K024A: Eyewash has not been flushed. Eyewash station requires flushing once per week to protect personnel from potential build-up of contaminants in the water line and must be recorded in a log. Corrective Action Plan:	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: 2/24/2017 Status: Complete	1/30/2017
Minor	no	SLU 2 Laboratory Spaces - S374	Deficiency: S374: Chairs are not sanitizable. The chairs must be swapped with un-ripped chairs or removed from the lab. Corrective Action Plan:	DOWON AN, GUSTAVO MATUTE-BELLO	Correction Due Date: 2/24/2017 Status: Complete	2/10/2017
Minor	no	WaNPRC: Western -	Deficiency: Dirty cagewash: Puddle build-up throughout the dirty cagewash and around the floor drain is a potential slipping/tripping hazard. Corrective Action Plan:	BRIAN A AGRICOLA, GAIL R. ELLINGSON, Cassandra R. Moats, JENNIFER F LANE, Charlotte E Hotchkiss	Correction Due Date: 7/31/2017 Status: Pending Corrective Action	

Minor	no	Kincaid Hall - 507A	<p>Deficiency: 507A: Rodent odor in rooms. Facilities Services will be contacted to test air flow and ventilation system.</p> <p>Facilities Services: On 6/15/17, Facilities Services tested corridor to vestibule and vestibule to room 507A, both rooms are negative to corridor. Exhaust damper in 507A open 100%, supply also open 100% Exhaust cannot be increased any further to eliminate odor in this area. Try changing the bedding on a normal schedule or move some animals out, this may help. Corrective Action Plan: WO #383573. Extension request to 8/31/17 on 6/15/17.</p> <p>Facilities Services tested corridor to vestibule and vestibule to room 507A, both rooms are negative to corridor. Exhaust damper in 507A open 100%, supply also open 100% Exhaust cannot be increased any further to eliminate odor in this area. Try changing the bedding on a normal schedule or move some animals out, this may help.</p>	HENRY MENDOZA, Facility Services, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 8/31/2017 Status: Pending Corrective Action	
Minor	no	WaNPRC: Western -	<p>Deficiency: Flooring at the elevator entrance junction is cracked and needs to be repaired. Corrective Action Plan:</p>	BRIAN A AGRICOLA, GAIL R. ELLINGSON, Cassandra R. Moats, JENNIFER F LANE, Charlotte E Hotchkiss	Correction Due Date: 7/31/2017 Status: Pending Corrective Action	
Minor	no	Kincaid Hall - 507	<p>Deficiency: 507, 507A: Facility Supervisor currently does not have key access to the 507 suite. Please obtain a key. Corrective Action Plan:</p>	HENRY MENDOZA, LAURA CAMPBELL, OLENA IATSENKO, WARIS S RASHID	Correction Due Date: 5/26/2017 Status: Complete	4/25/2017
Minor	no	SLU 2 Laboratory Spaces - S273	<p>Deficiency: S273: Cardboard boxes on shelves above the benchtop area are not sanitizable. The cardboard boxes must be removed prior to next surgery. Corrective Action Plan:</p>	AUSTIN ROUNTREE, IAN R. SWEET	Correction Due Date: 2/22/2017 Status: Complete	2/22/2017

Minor	yes	HSB: 6th Floor Vivarium - C609	Deficiency: C609 (Palmiter): Monthly care log is incomplete for Nov and Dec 2016. Please ensure all of the monthly tasks are performed and recorded. Corrective Action Plan: Extending correction due date to two weeks.	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/17/2017 Status: Complete	3/8/2017
Minor	no	WaNPRC: Western - 107	Deficiency: 107 (Kiem): Container of marshmallows was past the expiration date indicated on the label. Label indicated an expiration date of 3/3/17. Please discard. Corrective Action Plan:	BRIAN A AGRICOLA, GAIL R. ELLINGSON, Cassandra R. Moats, JENNIFER F LANE, Charlotte E Hotchkiss	Correction Due Date: 4/17/2017 Status: Complete	4/6/2017
Minor	no	HR&T Laboratory Spaces - B004	Deficiency: HR&T B004: Spray bottle filled with hydrogen peroxide being used to clean up blood on the floor is out-of-date. Lab must use disinfectant for sanitizing the lab space. Corrective Action Plan:	SUSAN A STERN, Nathan J White, Xu Wang	Correction Due Date: 2/15/2017 Status: Complete	2/2/2017
Minor	no	ARCF (Animal Research & Care Facility) - B227	Deficiency: B227 (shared diet kitchen): Shelf brackets over sinks need neoprene infilling and end caps (to close up the brackets). Corrective Action Plan:	GAIL R. ELLINGSON, HENRY MENDOZA, LAURA CAMPBELL, WARIS S RASHID, Charlotte E Hotchkiss, BENJAMIN PETERSEN	Correction Due Date: 6/9/2017 Status: Complete	6/13/2017
Minor	no	WaNPRC: I-Wing Vivarium -	Deficiency: I065A, I065B, I065C, I065D, I065E: Wall bumper guards are worn and have not been covered in stainless steel like the rest of the facility. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: Work Order submitted to Facilities Services. WO #383372.	Facility Services	Correction Due Date: 7/31/2017 Status: Complete	6/21/2017

Minor	no	ARCF (Animal Research & Care Facility) - B226	Deficiency: B226 (shared feed storage): Racks and feed must be stored 6" away from the walls. Please provide an explanation and have a mechanism in place to prevent racks and feed from being inadvertently pushed up against the wall. Corrective Action Plan:	GAIL R. ELLINGSON, HENRY MENDOZA, LAURA CAMPBELL, LESLEY A COLBY, WARIS S RASHID, Charlotte E Hotchkiss, BENJAMIN PETERSEN	Correction Due Date: 6/9/2017 Status: Complete	6/14/2017
Minor	no	ARCF (Animal Research & Care Facility) - B228	Deficiency: B228 (sterile staging): Broom/squeegee hanger must be installed. Corrective Action Plan: Correction due date updated.	Kristin J Kano-Mannaz, LESLEY A COLBY	Correction Due Date: 6/30/2017 Status: Complete	6/22/2017
Minor	no	HSB Laboratory Spaces - BB1546	Deficiency: BB1546: Animal care logs were missing dates. It was impossible to determine what week/year the tasks were completed. Corrective Action Plan:	Sophia Weber, JEREMY J. CLARK	Correction Due Date: 5/3/2017 Status: Complete	5/3/2017
Minor	no	SLU 3.1: 0 Level Vivarium - E021E	Deficiency: E021E: F/AIR canister on the isoflurane machine was not present. Corrective Action Plan:	CSABA NAGY, LAURA CAMPBELL, WARIS S RASHID, GEBREMEDHN F. GEBRETENSAE	Correction Due Date: 3/10/2017 Status: Complete	2/24/2017
Minor	no	HR&T Laboratory Spaces - B004	Deficiency: HR&T B004: Lab discards F/AIR canisters improperly. The F/AIR canister must be disposed of through EH&S, Chemical Waste Collection. Please contact EH&S at chmwaste@uw.edu to request pickup for disposal. More information can be found on the EH&S website: http://www.ehs.washington.edu/epowaste/chemwaste.shtm Corrective Action Plan:	SUSAN A STERN, Nathan J White, Xu Wang	Correction Due Date: 2/15/2017 Status: Complete	2/2/2017

Minor	no	HSB: T-Wing Vivarium - T145B	Deficiency: T145B (Clean cagewash): Adjacent to the door to the clean washroom, directly next to the autoclave door, is a long stainless vertical cover over a pipe running into the floor. Brush wedged in between the pipe and stainless cover. Can the brush be removed? Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 4/3/2017 Status: Complete	3/24/2017
Minor	no	ARCF (Animal Research & Care Facility) - B271	Deficiency: B271 (dirty cagewash): Broom/squeegee hanger must be installed. Recommend at least two hangers for B271. Corrective Action Plan: Correction due date updated.	Kristin J Kano-Mannaz, LESLEY A COLBY	Correction Due Date: 6/30/2017 Status: Complete	6/22/2017
Minor	no	WaNPRC: RR-Wing Vivarium -	Deficiency: RR135: Paint on the ceiling, in the back corner of the room, is starting to peel and requires repair. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: Work Order submitted to Facilities Services. WO #383372.	Facility Services	Correction Due Date: 5/30/2017 Status: Complete	5/11/2017
Minor	no	SLU 2 Laboratory Spaces - S285	Deficiency: S285: Paper posted on walls is not sanitizable. Paper must be laminated or encased in plastic. Corrective Action Plan:	Laura Den Hartigh, LEELA GOODSPEED, ALAN CHAIT	Correction Due Date: 2/22/2017 Status: Complete	2/3/2017
Minor	no	WaNPRC: I-Wing Laboratory Spaces - I445	Deficiency: I445: Edge of the rotating drum is starting to split from the outside frame work. The edges must be sealed. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: Per conversation with Amy Nowack - repairs being handled internally.	HUNTER S KNAPP, Renae Koepke, ROBIJANTO SOETEDJO	Correction Due Date: 4/28/2017 Status: Complete	4/11/2017
Minor	no	WaNPRC: I-Wing Laboratory Spaces - I553	Deficiency: I553: Laminate of the backsplash of the sink is cracked, moldy, and unsanitizable. The laminate cannot be cleaned properly. The laminate was last repaired in April 2015. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: Work Order submitted to Facilities Services. WO #383372. Bob Ennes approved the \$500 option. Extension requested to 7/31/17 on 5/25/17.	Facility Services	Correction Due Date: 7/31/2017 Status: Pending Corrective Action	

Minor	no	ARCF (Animal Research & Care Facility) - B218	Deficiency: B218 (dog housing): Dog pen vertical door wire need ends properly trimmed at swaging. The dog pen must be re-inspected by the IACUC prior to housing dogs. Corrective Action Plan:	HENRY MENDOZA, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 6/9/2017 Status: Complete	6/9/2017
Minor	no	HSB Laboratory Spaces - BB857	Deficiency: BB857 (Drug Safe): Expired Pentobarbitol and Saline found. The expired drugs were marked "Expired" and placed in a Ziploc bag during the visit. Please arrange drug disposal through the Drug Services website: https://depts.washington.edu/drugsvcs/home/ Corrective Action Plan:	JONATHAN R. WEINSTEIN, ASHLEY MCDONOUGH, THU P. LE	Correction Due Date: 5/3/2017 Status: Complete	5/3/2017
Minor	no	HSB: 6th Floor Vivarium - AA706	Deficiency: AA706: Pipes in the ceiling have damaged insulation and need to be repaired. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: WO #383367. FS Assigned to 17 Insulation. FS completed 3/13/17.	Facility Services	Correction Due Date: 3/31/2017 Status: Complete	3/13/2017
Minor	no	WaNPRC: I-Wing Laboratory Spaces - I441	Deficiency: I441: Expired Atropine was discarded during the visit. Corrective Action Plan: Corrected during visit.	Eberhard Fetz, REBEKAH FEATHERK SCHAEFER, Steve I Perlmutter	Correction Due Date: 3/9/2017 Status: No Action	3/9/2017
Minor	no	SLU 2 Laboratory Spaces - N323	Deficiency: N323: Paint/wall chips at the back of the room. Lab will submit a work order to McKinstry for facility repair. Corrective Action Plan:	Michael Schwartz, Gregory J. Morton, Kayoko Ogimoto, Hong T. Nguyen	Correction Due Date: 3/31/2017 Status: Complete	3/10/2017
Minor	no	WaNPRC: I-Wing Laboratory Spaces - I441	Deficiency: I441: Drug log error when transcribing (miscalculated total) on new page. This was corrected during the visit. Corrective Action Plan: Corrected during visit.	Eberhard Fetz, REBEKAH FEATHERK SCHAEFER, Steve I Perlmutter	Correction Due Date: 3/9/2017 Status: No Action	3/9/2017
Minor	no	HR&T Laboratory Spaces - B016F	Deficiency: B016F: Cloth chair is not sanitizable. The chair was removed during the visit. Corrective Action Plan:	Michele A. Kelly, JOHN F. NEUMAIER	Correction Due Date: Status: No Action	2/15/2017

Minor	yes	HSB: 6th Floor Vivarium - G607	Deficiency: G607: Hood does not have the cleaning record sheet. Corrective Action Plan: Extending correction due date to two weeks.	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/17/2017 Status: Complete	3/8/2017
Minor	no	HSB: K-Wing Vivarium -	Deficiency: Hallway: Hallways are very cluttered. Please remove unnecessary equipment from the hallways. Corrective Action Plan:	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: 2/24/2017 Status: Complete	2/14/2017
Minor	no	WaNPRC: RR-Wing Vivarium -	Deficiency: RR135 (Feed and bedding room): Bedding is being stacked against the back wall. Feed and bedding must be stored at least 6 inches away from the wall. Corrective Action Plan:	GAIL R. ELLINGSON, Samuel G Kimani, Charlotte E Hotchkiss	Correction Due Date: 4/12/2017 Status: Complete	3/22/2017
Minor	no	SLU 3.1 Laboratory Spaces - E456	Deficiency: E456: Gas tanks need to be better secured (currently, single chain only, too high up to prevent canister from sliding out in an emergency). Tanks must be secured to ensure the tank cannot slide forward. Corrective Action Plan:	Michael Y Gerner, Brandy Ellen Olin	Correction Due Date: 3/3/2017 Status: Complete	2/22/2017
Minor	no	Foege Laboratory Spaces - N433A	Deficiency: N433A: Floors need to be cleaned. Please sweep the floor on a regular basis. Corrective Action Plan:	DEBOBRATO DAS, PATRICK STAYTON, Gary Liu, ABBY M. KELLY, Suzie H Pun	Correction Due Date: 2/2/2017 Status: Complete	1/20/2017
Minor	no	HSB: 6th Floor Vivarium - G612A	Deficiency: G612: Hood has not been cleaned since July 2016, and the trash bins in the room and ante-room have not been cleaned on schedule either. Corrective Action Plan: Extending correction due date to two weeks.	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/17/2017 Status: Complete	3/8/2017

Minor	no	WaNPRC: Western -	Deficiency: Discrepancy with items in the lock box and drug log. Please reconcile to ensure items in the lock box and drug log are accurate. Corrective Action Plan:	BRIAN A AGRICOLA, GAIL R. ELLINGSON, Cassandra R. Moats, JENNIFER F LANE, Charlotte E Hotchkiss	Correction Due Date: 4/17/2017 Status: Complete	4/6/2017
Minor	no	Foege Vivarium - N055	Deficiency: N055: Broken light switch in the room. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: WO #383365. Completed by Facilities Services.	HENRY MENDOZA, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/28/2017 Status: Complete	2/28/2017
Minor	no	HR&T Laboratory Spaces - B004	Deficiency: HR&T B004: Paper on the wall near the gas controls is not sanitizable. Paper must be laminated or encased in plastic. Corrective Action Plan:	SUSAN A STERN, Nathan J White, Xu Wang	Correction Due Date: 2/15/2017 Status: Complete	2/2/2017
Minor	no	HSB Laboratory Spaces - RR410	Deficiency: RR410: Induction chamber needs to be replaced. The existing plastic tub used for the induction chamber is not in good condition. Corrective Action Plan:	Gregory W. Terman	Correction Due Date: 4/13/2017 Status: Complete	5/1/2017
Minor	no	HSB Laboratory Spaces - D435	Deficiency: D435: Tape on the floor is not sanitizable and needs to be removed. Corrective Action Plan:	ALLISA JUNGHA SONG, CHARLES CHAVKIN	Correction Due Date: 5/9/2017 Status: Complete	5/2/2017
Minor	no	SLU 2 Laboratory Spaces - N324	Deficiency: N324: Eyewash is not being flushed/logged weekly. Eyewash station requires flushing once per week to protect personnel from potential build-up of contaminants in the water line and must be recorded in a log. Corrective Action Plan:	Michael Schwartz, Gregory J. Morton, Kayoko Ogimoto, Hong T. Nguyen	Correction Due Date: 3/2/2017 Status: Complete	2/16/2017
Minor	no	Benjamin Hall - 366	Deficiency: 366: Supplies may belong to other groups, but there must be coordination to keep the space cleared and cleaned. Groups must identify and label their own supplies. Space needs to be organized and supplies need to be put away in the cabinets and in the drawers, not left out on the counter. Corrective Action Plan:	Soon Joon Yoon, MATTHEW O'DONNELL	Correction Due Date: 3/23/2017 Status: Complete	3/22/2017

Minor	no	HSB: 6th Floor Vivarium - C603	Deficiency: C603 (Murry): Terminal surgery on pigs were performed the previous week, but the area has not been cleaned including the instruments. Corrective Action Plan:	GARY A. FYE, Sara E. Kerner	Correction Due Date: 2/16/2017 Status: Complete	1/27/2016
Minor	no	HSB: 6th Floor Vivarium - E613	Deficiency: E613 (5 cages in the room). Cage "0622" contains one Mother with 13 pups. The cage was cleaned on 1/1/17, but the bedding is covered with fecal pellets, leaving no clean bedding surface for the Mom and pups, and it is only halfway through the week. Facility Supervisor will check with the PI to see if it is okay to change the cages twice a week. Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/3/2017 Status: Complete	1/6/2017
Minor	no	WaNPRC: I-Wing Vivarium - I092K	Deficiency: I092K: Two rows of shelves on the wall over the table. Personnel have reported hitting their heads on the shelves/brackets when standing up. This is an occupational health hazard. The shelves/brackets must be removed and the wall needs to be patched and painted. Corrective Action Plan:	ANTHONY E GRAY, GAIL R. ELLINGSON, Charlotte E Hotchkiss, BENJAMIN PETERSEN	Correction Due Date: 8/31/2017 Status: Pending Corrective Action	
Minor	no	HSB Laboratory Spaces - BB1546	Deficiency: BB1546: Log for changing rat cages was not present. Please maintain a record of cage changes. Corrective Action Plan:	Sophia Weber, JEREMY J. CLARK	Correction Due Date: 5/3/2017 Status: Complete	4/26/2017
Minor	no	HSB: K-Wing Vivarium - K024C	Deficiency: K024C: Expired sterile water for injection (exp. 11/1/16) was discard during the visit. Corrective Action Plan: Corrected during the visit.	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: Status: No Action	2/24/2017
Minor	no	Benjamin Hall - 364	Deficiency: 364: Isoflurane machine was last calibrated on 5/2015. Service was due in 5/2016, however, the group has not used the isoflurane machine in the past year. Group says animal use will begin soon. Sign stating "Do Not Use Until Calibrated" was not posted per last inspection recommendation. The isoflurane machine must be certified prior to any animal work. Corrective Action Plan:	Soon Joon Yoon, MATTHEW O'DONNELL	Correction Due Date: 3/31/2017 Status: Complete	3/22/2017

Minor	no	ARCF (Animal Research & Care Facility) - B271	Deficiency: B271 (dirty cagewash): Wall strip next to PanelView Plus 700 display modules need to be sealed. Corrective Action Plan:	Kristin J Kano-Mannaz, LESLEY A COLBY	Correction Due Date: 6/9/2017 Status: Complete	6/5/2017
Minor	no	SLU 3.1 Laboratory Spaces - E146	Deficiency: E146: Cardboard boxes adjacent to the animal use area are not sanitizable. The cardboard box must be moved or replaced with plastic bins. Corrective Action Plan:	Kelly Lee Hudkins-Loya, Charles E. Alpers	Correction Due Date: 3/2/2017 Status: Complete	2/10/2017
Minor	no	WaNPRC: I-Wing Vivarium -	Deficiency: 4th FI treatment room: Drug expiration dates are not being recorded in the drug logs by the research groups. Corrective Action Plan:	ANTHONY E GRAY, GAIL R. ELLINGSON, Charlotte E Hotchkiss	Correction Due Date: 4/13/2017 Status: Complete	3/30/2017
Minor	no	ARCF (Animal Research & Care Facility) - B271	Deficiency: B271 (dirty cagewash): Foam pad is a slipping hazard. Temporary fix to prevent food, bedding, feces, nestlers from dropping into the grate. The foam pad can be removed if the grate will be replaced with a solid piece of metal. Corrective Action Plan: Correction due date updated.	Kristin J Kano-Mannaz, LESLEY A COLBY	Correction Due Date: 6/30/2017 Status: Complete	6/22/2017
Minor	no	HSB: 6th Floor Vivarium - C608	Deficiency: C608 (Palmiter, Zweifel): Unused bedding for cages should not be stored on the floor. Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/3/2017 Status: Complete	1/9/2017
Minor	yes	Benjamin Hall - 366	Deficiency: 366 (Repeat): Mop was stored on the floor and needs to be hung on the wall and off the floor. The mop head needs to be replaced. Corrective Action Plan:	Soon Joon Yoon, MATTHEW O'DONNELL	Correction Due Date: 3/23/2017 Status: Complete	3/22/2017
Minor	no	WaNPRC: I-Wing Laboratory Spaces - I351	Deficiency: I351: Patch and paint wall. Corrective Action Plan:	HUNTER S KNAPP, Renae Koepke, ROBIJANTO SOETEDJO	Correction Due Date: 6/30/2017 Status: Complete	6/14/2017
Minor	no	SLU 3.1 Laboratory Spaces - E467	Deficiency: E467: Expired sutures and drapes were found. Please discard. Corrective Action Plan:	PAMELA J. FINK	Correction Due Date: 3/3/2017 Status: Complete	2/21/2017

Minor	no	HSB: K-Wing Vivarium - K024F	Deficiency: K024F: Dusty ceiling supply vents need to be cleaned. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: WO #383347. FS Assigned to 17 Metal Trades. Completed by Facilities Services.	Facility Services	Correction Due Date: 3/7/2017 Status: Complete	3/1/2017
Minor	no	HR&T Laboratory Spaces - B004	Deficiency: HR&T B004: Paper on walls describing the waste flow at HMC needs to be removed. Corrective Action Plan:	SUSAN A STERN, Nathan J White, Xu Wang	Correction Due Date: 2/15/2017 Status: Complete	2/2/2017
Minor	no	HSB: 6th Floor Vivarium - G607	Deficiency: G607: Eyewash has not been checked regularly (seems to be yearly at best). Eyewash station requires flushing once per week to protect personnel from potential build-up of contaminants in the water line and must be recorded in a log. Corrective Action Plan: Extending correction due date to two weeks.	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/17/2017 Status: Complete	3/8/2017
Minor	no	HSB: K-Wing Vivarium - K018C	Deficiency: K018C (Hajjar): 8 cages on laxative water pulled off the rack because they were on the special water, however, there was no SSR posted on the door. Corrective Action Plan:	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: 2/24/2017 Status: Complete	2/14/2017
Minor	no	Brotman Vivarium -	Deficiency: Staff was not wearing a respirator in the dirty washroom while dumping bedding. Please verify that respiratory protection is required for that activity and ensure that all of the staff are wearing the appropriate PPE. Corrective Action Plan:	REBECCA PEREZ CABALLERO, ANTHONY L SCOTT, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 3/17/2017 Status: Complete	3/7/2017
Minor	no	HSB Laboratory Spaces - RR419C	Deficiency: RR419C: Numerous days of low (<30%) humidity in housing room since January. Please report low humidity to Veterinary Services. OAW will send a copy of the daily care log sheet that includes a reminder and phone number for reporting low humidity. Corrective Action Plan:	Gregory W. Terman	Correction Due Date: 4/13/2017 Status: Complete	5/1/2017
Minor	no	Friday Harbor Laboratories - LAB 8 (tank)	Deficiency: Lab 8: Animal care log is not being maintained and completed daily. Please ensure the logs are checked and signed on a daily basis. Corrective Action Plan:	Adam P. Summers, PEMA KITAEFF	Correction Due Date: 4/19/2017 Status: Complete	4/12/2017

Minor	no	HSB: 6th Floor Vivarium - F606	Deficiency: F606: Laminate on counter needs to be repaired. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: WO # 383367. FS Assigned to 17 Carpentry.	Facility Services	Correction Due Date: 2/28/2017 Status: Complete	2/13/2017
Minor	no	SLU 2 Laboratory Spaces - S462	Deficiency: S462: Duct tape has been removed from the induction box (now has tape residue), but the induction box has not been replaced. The induction box must be replaced with a new box. Corrective Action Plan:	XIAOMING YANG, Feng Zhang	Correction Due Date: 3/15/2017 Status: Complete	3/16/2017
Minor	no	HSB: K-Wing Vivarium - K024D	Deficiency: K024D: Cracks in the corner need caulking. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: WO #383347. FS Assigned to 17 Masons	Facility Services	Correction Due Date: 2/28/2017 Status: Complete	2/16/2017
Minor	no	HSB: 6th Floor Vivarium - E611	Deficiency: E611: Gowns are not available in the PPE bins outside of the room. Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/3/2017 Status: Complete	1/6/2017
Minor	no	HSB Laboratory Spaces - F562	Deficiency: F562: Eyewash log encased in plastic is recorded on the plastic sleeves. Documentation must be written on the log and logs available for inspection by visitors (recommend at least one year's worth). Corrective Action Plan:	GLEN M ABEL, ZHENGUI XIA	Correction Due Date: 5/5/2017 Status: Complete	4/24/2017
Minor	no	ARCF (Animal Research & Care Facility) - B141B	Deficiency: B141 Suite: Install one three section wall mounted broom, mop, and dust pan wall mounted holder within the B-141 suite. Corrective Action Plan:	HENRY MENDOZA, LAURA CAMPBELL	Correction Due Date: 7/28/2017 Status: Pending Corrective Action	
Minor	no	HSB Laboratory Spaces - F553	Deficiency: F553: Outdated Wescodyne. Please discard. Corrective Action Plan:	GLEN M ABEL, ZHENGUI XIA	Correction Due Date: 5/5/2017 Status: Complete	4/24/2017
Minor	no	Guthrie Laboratory Spaces - 51A	Deficiency: 051A: Floor cleaner for the animal testing area should be picked up off of the floor as it is used to wipe down the inside of the test area for the rodents. Corrective Action Plan:	JAIME DIAZ, MICHELE M JACOBS	Correction Due Date: 4/28/2017 Status: Complete	4/28/2017

Minor	no	HSB Laboratory Spaces - F562	Deficiency: F562: Post Surgery Monitoring Log is missing the time of analgesic administration, which could lead to re-dosing either too early or too late. Please add the additional information to the log. Corrective Action Plan:	GLEN M ABEL, ZHENGUI XIA	Correction Due Date: 5/5/2017 Status: Complete	5/4/2017
Minor	no	ARCF (Animal Research & Care Facility) - B219A	Deficiency: B219A (dog housing): Dog pen vertical door wire need ends properly trimmed at swaging. The dog pen must be re-inspected by the IACUC prior to housing dogs. Corrective Action Plan:	HENRY MENDOZA, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 6/9/2017 Status: Complete	6/12/2017
Minor	no	HR&T Laboratory Spaces - 520D	Deficiency: 520D: Expired disinfectant. Please dispose of. Corrective Action Plan:	YU-HUAN GU, Gregory J. Del Zoppo	Correction Due Date: 2/2/2017 Status: Complete	1/25/2017
Minor	no	Foege Laboratory Spaces - N415A	Deficiency: N415A: Expired drugs were disposed of during the visit. Corrective Action Plan: Expired drugs were disposed of during the visit.	Thang T Nguyen	Correction Due Date: 1/17/2017 Status: Complete	1/17/2017
Minor	no	HSB Laboratory Spaces - D435	Deficiency: D435: Paint on the floor, beside the animal housing rack, needs patching. Paint is chipped on the door jam in several places with the metal showing. A crack in the wall above the main door on the left side at the top when facing the backside of the door. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: Extended to 7/31/17.	Facility Services	Correction Due Date: 7/31/2017 Status: Pending Corrective Action	
Minor	no	Roosevelt Vivarium - R256	Deficiency: 256: Air vent should be cleaned out quarterly, but nothing was logged for the past three months. Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/10/2017 Status: Complete	3/8/2017
Minor	no	HSB Laboratory Spaces - K092	Deficiency: K092: Double-sided tape is not sanitizable. Please replace the tape affixed signs taped on the window. Corrective Action Plan:	Terra Vleeshouwer-Neumann, Eleanor Y Chen	Correction Due Date: 4/6/2017 Status: Complete	3/30/2017

Minor	no	WaNPRC: Western - 306	Deficiency: Compounds (306): Brooms are currently replaced as needed, but some are overly worn out, which can make them difficult or impossible to sanitize. Consider a schedule throughout the facility for the replacement of the brooms. Corrective Action Plan:	BRIAN A AGRICOLA, GAIL R. ELLINGSON, Cassandra R. Moats, JENNIFER F LANE, Charlotte E Hotchkiss	Correction Due Date: 4/17/2017 Status: Complete	4/27/2017
Minor	no	WaNPRC: Arizona - Vivarium ABSL2	Deficiency: Environmental Logging SOP #1009 should specify when the re-test needs to be completed by in the event that the tests fail while using the petri-film plates. Corrective Action Plan:	Richard H Chichester V, GAIL R. ELLINGSON, Ken Durk, PAUL W BARRAS, JAMES M. MURPHY, Charlotte E Hotchkiss	Correction Due Date: 5/8/2017 Status: Complete	5/2/2017
Minor	no	HSB Laboratory Spaces -	Deficiency: MS-222 was labeled with the receipt date and not the expiration date. The expiration date was labeled during the visit. Corrective Action Plan:	Andrew Scott Curtright, DAVID W. RAIBLE, David G. White, Tor Linbo	Correction Due Date: 4/14/2017 Status: No Action	4/14/2017
Minor	no	HSB Laboratory Spaces - F521	Deficiency: F521: Please post the updated EH&S exposure poster in F521. The poster can be found on the EH&S website: https://www.ehs.washington.edu/manuals/posters/exposure_responseposter.pdf Corrective Action Plan:	John Clark, OWEN T LAWRENCE	Correction Due Date: 5/4/2017 Status: Complete	4/21/2017

Minor	no	Big Beef Creek - Big Beef Creek	Deficiency: Expired dual eyewash bottles (10/16). Please replace. Corrective Action Plan:	Andrew Dittman, Walton Dickhoff, Adam Hansen, Catherine Duke, KATHRYN A STOUT, DAVID A. BEAUCHAMP	Correction Due Date: 3/8/2017 Status: Complete	3/2/2017
Minor	no	HSB: 6th Floor Vivarium - G615	Deficiency: G615: Racks are overdue for the rack change as of 12/30/16. Corrective Action Plan: Extending correction due date to two weeks.	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/17/2017 Status: Complete	3/8/2017
Minor	no	SLU 2 Laboratory Spaces - N115	Deficiency: N115: According to the site visit host, post-surgical monitoring is being performed but is not being documented (e.g., on the surgical record, cage card, or laboratory notebook). The site visitors indicated that one easy solution would be to add this to their surgical record. Corrective Action Plan:	DAN SHAO, RONG TIAN, Outi M. Villet	Correction Due Date: 2/28/2017 Status: Complete	2/14/2017
Minor	no	HSB: K-Wing Vivarium - K024F	Deficiency: K024F: Eyewash was last flushed on 8/29/16. Eyewash station requires flushing once per week to protect personnel from potential build-up of contaminants in the water line and must be recorded in a log. Corrective Action Plan: The eyewash station in room K-024F has been checked, flushed, and documented on our eyewash log-sheet. We will continue to check, flush, and record on a weekly basis.	Charlie C Hsu, Serina Tsang, LA'AKEALANI SIVERTS, Robert J Hunter	Correction Due Date: 2/17/2017 Status: Complete	2/3/2017
Minor	no	SLU 3.1: 0 Level Vivarium - E045A	Deficiency: E045A (Smith): Three expired (1/16/15) glass bottles of water on the second shelf. Glass bottles must be stored in plastic storage bins. Corrective Action Plan:	CSABA NAGY, LAURA CAMPBELL, WARIS S RASHID, GEBREMEDHN F. GEBRETENSAE	Correction Due Date: 3/10/2017 Status: Complete	2/22/2017

Minor	no	Foege Laboratory Spaces - N433A	Deficiency: N433A: Expired betadine. Please discard. Corrective Action Plan:	DEBOBRATO DAS, PATRICK STAYTON, Gary Liu, ABBY M. KELLY, Suzie H Pun	Correction Due Date: 2/2/2017 Status: Complete	1/17/2017
Minor	no	Friday Harbor Laboratories - LAB 11	Deficiency: Lab 11: Water specimen tank fill is leaking and needs repair. Corrective Action Plan:	Adam P. Summers, PEMA KITAEFF	Correction Due Date: 6/30/2017 Status: Complete	4/11/2017
Minor	no	WaNPRC: I-Wing Laboratory Spaces - I013	Deficiency: I013: Tape used to affix paper notes and signs on the walls are unsanitizable. Tape must be sanitizable (e.g., Timed Lab Tape) and in good condition or replaced as needed. Paper must be laminated or encased in plastic. Corrective Action Plan:	Mei Zhang, WYETH DANIEL BAIR	Correction Due Date: 3/30/2017 Status: Complete	3/30/2017
Minor	no	WaNPRC: I-Wing Vivarium - I089U	Deficiency: I089U: Paint peeling on the walls and the doors. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: Work Order submitted to Facilities Services. WO #383372. Extension request to 8/31/17 on 5/25/17.	Facility Services	Correction Due Date: 8/31/2017 Status: Pending Corrective Action	
Minor	no	WaNPRC: I-Wing Vivarium - I092K	Deficiency: I092K: Toaster and microwave reportedly cannot be used at the same time without flipping a breaker. This is a heavily used break area, so this is a break area functionality concern. Please update the electrical to put these appliances on different breakers so they can be used at the same time. Corrective Action Plan:	ANTHONY E GRAY, GAIL R. ELLINGSON, Charlotte E Hotchkiss, BENJAMIN PETERSEN	Correction Due Date: 8/31/2017 Status: Pending Corrective Action	
Minor	no	SLU 2 Laboratory Spaces - N327	Deficiency: N327: Holes in the wall by the sink need to be repaired. Lab will submit a work order to McKinstry for facility repair. Corrective Action Plan:	Michael Schwartz, Gregory J. Morton, Kayoko Ogimoto, Hong T. Nguyen	Correction Due Date: 3/31/2017 Status: Complete	2/10/2017

Minor	no	HSB: 6th Floor Vivarium - C609	Deficiency: C609 (Palmiter): Expired Clidox was found in the room. Please dispose of and replace. Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/3/2017 Status: Complete	1/6/2017
Minor	no	WaNPRC: I-Wing Vivarium - I089U	Deficiency: I089U: Airflow in this room is preventing the door from staying shut. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: Work Order submitted to Facilities Services. WO #383372.	Facility Services	Correction Due Date: 5/15/2017 Status: Complete	5/5/2017
Minor	no	Guthrie Laboratory Spaces - 28C2	Deficiency: 028C2: Wires dangling on the floor should be better organized so they do not get dirty or become a tripping hazard. Corrective Action Plan:	Phillip M Baker, MICHELE M JACOBS, Sheri J Mizumori, VALERIE L TRYON	Correction Due Date: 4/21/2017 Status: Complete	4/14/2017
Minor	yes	HSB: 6th Floor Vivarium - C608	Deficiency: C608 (Palmiter): Monthly care log is incomplete. Please ensure all of the monthly tasks are performed and recorded. Corrective Action Plan: Extending correction due date to two weeks.	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/17/2017 Status: Complete	3/8/2017
Minor	no	SLU 3.1: 0 Level Vivarium - E085C	Deficiency: E085C (Gerner): Group needs to place medicated water bottle cards on cages. Corrective Action Plan:	CSABA NAGY, LAURA CAMPBELL, WARIS S RASHID, GEBREMEDHN F. GEBRETESAE	Correction Due Date: 3/10/2017 Status: Complete	2/13/2017
Minor	no	ARCF (Animal Research & Care Facility) - B265	Deficiency: B265 (clean cagewash), B271 (dirty cagewash): Broom/squeegee hanger must be installed. Corrective Action Plan: Correction due date updated.	Kristin J Kano-Mannaz, LESLEY A COLBY	Correction Due Date: 6/30/2017 Status: Complete	6/22/2017

Minor	no	HSB: 6th Floor Vivarium - C609	Deficiency: C609: Food pellets on the floor near the drain need to be cleaned up. Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/3/2017 Status: Complete	1/6/2017
Minor	no	HSB Laboratory Spaces - C525	Deficiency: C525: Chipped paint on the ceiling above the hood. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: WO #383456. HazMat testing and possible abatement required. Reg Materials has been phased in to conduct a survey.	Facility Services	Correction Due Date: 5/30/2017 Status: Complete	5/9/2017
Minor	no	HSB: T-Wing Vivarium -	Deficiency: At the entrance to the vivarium, by the washroom and supervisors office, there is no PPE chart to inform the group which PPE are required. Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 4/3/2017 Status: Complete	3/24/2017
Minor	no	WaNPRC: I-Wing Vivarium - I359	Deficiency: I359: Caulking is peeling off from where the wall connects to the floor coving. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: Work Order submitted to Facilities Services. WO #383372.	Facility Services	Correction Due Date: 4/30/2017 Status: Complete	4/7/2017
Minor	no	HSB: 6th Floor Vivarium - C609	Deficiency: C609 (Palmiter): Group needs to implement a system to log when food is given to the animals. Corrective Action Plan: Extending correction due date to two weeks.	Vickie C. Sillers, Philip Ryan, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID, RICHARD D PALMITER	Correction Due Date: 2/17/2017 Status: Complete	3/8/2017
Minor	no	HSB: K-Wing Vivarium - K009	Deficiency: K009: Temperature in feed room is 72 degrees. Animal Tech should have reported that the room temperatures were too high and outside normal range to the Facility Supervisor. There is no notation documented in the log. Corrective Action Plan:	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: 2/24/2017 Status: Complete	2/21/2017

Minor	no	HSB Laboratory Spaces - NW141	Deficiency: NW141: Threshold strip, between NW141 and NW141A, needs to be repaired along with the sealing strip all the way around the fume hood that is coming off. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan:	Facility Services	Correction Due Date: 6/30/2017 Status: Complete	5/23/2017
Minor	no	HSB Laboratory Spaces - BB1546	Deficiency: BB1546: Personnel changing the cages only wore gloves and dust mask, but not a lab coat. Lab coats must be worn when working with animals in the lab. Corrective Action Plan:	Sophia Weber, JEREMY J. CLARK	Correction Due Date: 5/3/2017 Status: Complete	4/19/2017
Minor	no	HSB Laboratory Spaces - BB1553	Deficiency: BB1553: Expired betadine (9/16). Lab is currently not performing surgeries. Please dispose of properly. Corrective Action Plan:	Sophia Weber, JEREMY J. CLARK	Correction Due Date: 5/3/2017 Status: Complete	4/18/2017
Minor	no	SLU 2 Laboratory Spaces - P125C	Deficiency: P125C: Rusty scissors were removed during the visit. Corrective Action Plan: Rusty scissors were removed during the visit.	JEANOT MUSTER, Randall T Moon	Correction Due Date: 1/18/2017 Status: No Action	1/18/2017
Minor	no	Brotman Vivarium - B25	Deficiency: B25: Expired bags of rabbit feed in the feed room (on the bottom of the stack indicating this stack had not been rotated.). This was disposed of during the visit. Corrective Action Plan:	REBECCA PEREZ CABALLERO, ANTHONY L SCOTT, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/17/2017 Status: No Action	2/17/2017
Minor	no	SLU 3.1 Laboratory Spaces - E146	Deficiency: E146: Paper postings are not sanitizable. Paper must be laminated or encased in plastic. Corrective Action Plan:	Kelly Lee Hudkins-Loya, Charles E. Alpers	Correction Due Date: 3/2/2017 Status: Complete	2/16/2017
Minor	no	ARCF (Animal Research & Care Facility) - B183	Deficiency: B183 (procedure): Shelf brackets over sinks in procedure rooms need neoprene infilling and end caps (to close up the brackets). Corrective Action Plan:	HENRY MENDOZA, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 6/9/2017 Status: Complete	6/13/2017
Minor	no	ARCF (Animal Research & Care Facility) - B216	Deficiency: B216 (dog housing): Dog pen vertical door wire need ends properly trimmed at swaging. The dog pen must be re-inspected by the IACUC prior to housing dogs. Corrective Action Plan:	HENRY MENDOZA, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 6/9/2017 Status: Complete	6/12/2017

Minor	no	HSB Laboratory Spaces - K092	Deficiency: K092: Floor needs to be swept on a regular basis. Corrective Action Plan:	Terra Vleeshouwer-Neumann, Eleanor Y Chen	Correction Due Date: 4/6/2017 Status: Complete	3/30/2017
Minor	no	HSB: 6th Floor Vivarium - C621	Deficiency: C621 (Palmiter): Isoflurane equipment did not appear to have received the annual certification, but a member of the group thinks it was done 7/2016. Please check and confirm (or get the equipment certified ASAP). Corrective Action Plan: Extending correction due date to two weeks.	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID, RICHARD D PALMITER, CAROLYN W ROMAN	Correction Due Date: 2/17/2017 Status: Complete	3/8/2017
Minor	no	HR&T Vivarium - SB032	Deficiency: SB032: PPE should be in the hall so any individual can change before entering the room. Corrective Action Plan:	LAURA CAMPBELL, WARIS S RASHID, VITALY L NIKOLAEV	Correction Due Date: 2/24/2017 Status: Complete	3/6/2017
Minor	no	WaNPRC: I-Wing Vivarium -	Deficiency: I047: According to the drug log, six full bottles of Buprenorphine SR are present. However, only four bottles were in the refrigerator safe. Please account for the two missing bottles. Corrective Action Plan:	ANTHONY E GRAY, GAIL R. ELLINGSON, Charlotte E Hotchkiss	Correction Due Date: 4/20/2017 Status: Complete	3/30/2017
Minor	yes	HSB: 6th Floor Vivarium - C618	Deficiency: C618: Cage bottoms on the Racks 1-4 are not changed as per schedule on 1/4/2016. Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/3/2017 Status: Complete	1/6/2017
Minor	no	HSB Laboratory Spaces - F553A	Deficiency: F553A: Outdated Virkon. Please discard. Corrective Action Plan:	GLEN M ABEL, ZHENGUI XIA	Correction Due Date: 5/5/2017 Status: Complete	4/24/2017

Minor	no	HSB: 6th Floor Vivarium - C618	Deficiency: C618: Research group daily tasks are not logged for 1/4/2016. Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/3/2017 Status: Complete	1/9/2017
Minor	no	WaNPRC: I-Wing Vivarium - I565	Deficiency: I565: Trim on the lower back wall is loose. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: Work Order submitted to Facilities Services. WO #383372.	Facility Services	Correction Due Date: 4/30/2017 Status: Complete	4/7/2017
Minor	no	WaNPRC: I-Wing Vivarium -	Deficiency: I073 Corridor C: Fire pulls mounted onto compressed wood (looks like a clipboard) is not sealed/sanitizable. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: Work Order submitted to Facilities Services. WO #383372.	Facility Services	Correction Due Date: 5/30/2017 Status: Complete	5/1/2017
Minor	no	HSB: K-Wing Vivarium - K017E	Deficiency: K017E: Unknown when the cages were changed, however, the current cages are not too dirty. Corrective Action Plan:	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: 2/24/2017 Status: Complete	2/16/2017
Minor	no	HR&T Vivarium - SB045	Deficiency: SB045: Food bin states that cleaning must be done monthly, but the last two dates cannot be clearly read, and it looks like December & January have been missed (last legible date is Sept). Corrective Action Plan:	LAURA CAMPBELL, WARIS S RASHID, VITALY L NIKOLAEV	Correction Due Date: 2/24/2017 Status: Complete	1/27/2017
Minor	no	ARCF (Animal Research & Care Facility) - B276	Deficiency: B276 (NHP procedure): Shelf brackets over sinks in procedure rooms need neoprene infilling and end caps (to close up the brackets). Corrective Action Plan:	GAIL R. ELLINGSON, Charlotte E Hotchkiss, BENJAMIN PETERSEN	Correction Due Date: 6/9/2017 Status: Complete	6/13/2017
Minor	no	WaNPRC: I-Wing Vivarium - I065E	Deficiency: I065E: Paint peeling on the ceiling. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: Work Order submitted to Facilities Services. WO #383372.	Facility Services	Correction Due Date: 6/30/2017 Status: Complete	5/10/2017

Minor	no	WaNPRC: I-Wing Vivarium - J025B	Deficiency: J025B (Clean Cagewash): Cagewash was in progress so the emergency exit could not be tested. Cagewash indicator lights on this side were not working. Please replace the bulbs that are not functioning. Corrective Action Plan:	ANTHONY E GRAY, GAIL R. ELLINGSON, Charlotte E Hotchkiss	Correction Due Date: 4/21/2017 Status: Complete	4/20/2017
Minor	no	WaNPRC: I-Wing Laboratory Spaces - I021	Deficiency: I021: Tape used to affix paper notes and signs on the walls are unsanitizable. Tape must be sanitizable (e.g., Timed Lab Tape) and in good condition or replaced as needed. Paper must be laminated or encased in plastic. Corrective Action Plan:	Mei Zhang, WYETH DANIEL BAIR	Correction Due Date: 3/30/2017 Status: Complete	3/31/2017
Minor	no	HSB: K- Wing Vivarium -	Deficiency: Autoclave logs were incomplete. Please ensure logs are accurately maintained and completed. Corrective Action Plan:	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: 2/24/2017 Status: Complete	1/30/2017
Minor	no	Guthrie Laboratory Spaces - 342B	Deficiency: 342B: Behavioral Testing Box #1 plastic coating rods of the flooring is in poor condition, holding fur and cannot be properly cleaned or sanitized. The flooring of the chamber must be replaced prior to further use. Corrective Action Plan:	Phillip M Baker, MICHELE M JACOBS, Sheri J Mizumori, VALERIE L TRYON	Correction Due Date: 4/21/2017 Status: Complete	4/7/2017
Minor	no	HSB: K- Wing Vivarium - K009	Deficiency: K009: Feed room is cluttered and cannot visualize the wall or under the bags as they are right up against the wall. Cannot determine if there is a pest issue. Corrective Action Plan:	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: 2/24/2017 Status: Complete	2/1/2017
Minor	no	HSB Laboratory Spaces - F562	Deficiency: F562: Expired Marcaine, Lidocaine, Xylazine in the drug safe. Please discard properly. Corrective Action Plan:	GLEN M ABEL, ZHENGUI XIA	Correction Due Date: 5/5/2017 Status: Complete	5/4/2017
Minor	no	HSB Laboratory Spaces - F553	Deficiency: F553: Eyewash log encased in plastic is recorded on the plastic sleeves. Documentation must be written on the log and logs available for inspection by visitors (recommend at least one year's worth). Corrective Action Plan:	GLEN M ABEL, ZHENGUI XIA	Correction Due Date: 5/5/2017 Status: Complete	4/24/2017

Minor	no	Guthrie Laboratory Spaces - 28D	Deficiency: 028D: Rust on sink drain needs to be removed. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: WO #383575. Facilities Services completed.	Facility Services	Correction Due Date: 5/1/2017 Status: Complete	4/25/2017
Minor	no	ARCF (Animal Research & Care Facility) - B225	Deficiency: B225 (shared bedding storage): Racks and feed must be stored 6" away from the walls. Please provide an explanation and have a mechanism in place to prevent racks and feed from being inadvertently pushed up against the wall. Corrective Action Plan:	GAIL R. ELLINGSON, HENRY MENDOZA, LAURA CAMPBELL, LESLEY A COLBY, WARIS S RASHID, Charlotte E Hotchkiss, BENJAMIN PETERSEN	Correction Due Date: 6/9/2017 Status: Complete	6/14/2017
Minor	no	HSB: T-Wing Vivarium -	Deficiency: Eyewash has not been flushed for several weeks. This was corrected during the visit. Corrective Action Plan: Corrected during visit.	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/28/2017 Status: No Action	2/28/2017
Minor	no	Benjamin Hall - 365	Deficiency: 365: Surface of procedure table was covered and dirty. Please keep the surface sanitizable. Corrective Action Plan:	Soon Joon Yoon, MATTHEW O'DONNELL	Correction Due Date: 3/23/2017 Status: Complete	3/22/2017
Minor	no	Guthrie Laboratory Spaces - 28C2	Deficiency: 028C2: Floor needs cleaning. Crushed sugar is on the floor and mat. Please sweep the floor on a regular basis. Corrective Action Plan:	Phillip M Baker, MICHELE M JACOBS, Sheri J Mizumori, VALERIE L TRYON	Correction Due Date: 4/21/2017 Status: Complete	4/14/2017
Minor	no	HSB: K-Wing Vivarium - K018D	Deficiency: K018D: Container containing Napa Nectar gel was not labeled with the manufacture date and the expiration date is unknown. Please label the expiration date. Corrective Action Plan:	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: 2/24/2017 Status: Complete	2/6/2017

Minor	no	WaNPRC: I-Wing Vivarium - I459	Deficiency: I459: Primates are provided food enrichment by the research group, but there are a couple of primates in which the Animal Technicians are responsible for their food enrichment. However, there were multiple days in February with missing initials on the extra enrichment (food) log, making it difficult to determine if all primates in the room received the required food enrichment. Corrective Action Plan:	ANTHONY E GRAY, GAIL R. ELLINGSON, Charlotte E Hotchkiss	Correction Due Date: 4/13/2017 Status: Complete	4/11/2017
Minor	no	Roosevelt Laboratory Spaces - 260	Deficiency: 260: Eyewash has not been flushed since October. Eyewash station requires flushing once per week to protect personnel from potential build-up of contaminants in the water line and must be recorded in a log. Corrective Action Plan:	LUCIO GUIDO COSTA, TOBY B. COLE, DIANNE BOTTA, KHOI TRONG MAI DAO, TERRANCE J KAVANAGH, Yu-Chi Chang	Correction Due Date: 2/6/2017 Status: Complete	1/19/2017
Minor	no	Guthrie Laboratory Spaces -	Deficiency: BS007: Expired sucrose pellets from December 2016. Please discard. Corrective Action Plan:	Joseph A. Sisneros, MICHELE M JACOBS	Correction Due Date: 4/28/2017 Status: Complete	4/13/2017
Minor	no	HSB: K- Wing Vivarium - K018A	Deficiency: K018A (Palmiter, rack T57A): It was immediately noticeable upon entering the room that there were numerous "please separate/wean cage" cards on breeder cages for this PI. Three of those cages were more closely evaluated and were discovered to be very overcrowded with three (or more) adults and multiple litters in each cage (DOB for all present litters were not indicated on the cage card). Corrective Action Plan:	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: 2/24/2017 Status: Complete	1/27/2017
Minor	no	Brotman Laboratory Spaces - 447	Deficiency: Brotman 447: Paint chips and holes were in the wall (wall with doorway). Lab group will submit a work order to McKinstry for facility repairs. Corrective Action Plan:	KELLY R. STEVENS, Chelsea Fortin	Correction Due Date: 2/28/2017 Status: Complete	2/13/2017

Minor	no	HSB: T-Wing Vivarium -	Deficiency: T143: Expired artificial tears and saline in Veterinary Services cart. Group will dispose of them. Corrective Action Plan:	Vickie C. Sillers, GARY A. FYE, Sara E. Kerner, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 4/3/2017 Status: Complete	3/14/2017
Minor	no	HSB Laboratory Spaces - BB1553	Deficiency: BB1553: Isoflurane machine was last serviced in April 2015, however, no rat surgeries have been performed since early 2016. Personnel indicated that surgeries may begin in the next couple of months. In general, servicing is required annually. Please post a sign stating "Do Not Use Until Calibrated." The lab group is responsible for maintaining personal equipment. Corrective Action Plan: Extending Correction Due Date to 5/31/17.	Sophia Weber, JEREMY J. CLARK	Correction Due Date: 5/31/2017 Status: Complete	5/31/2017
Minor	no	HR&T Vivarium - SB048	Deficiency: SB048: PPE should be in the hall so any individual can change before entering the room. Corrective Action Plan:	LAURA CAMPBELL, WARIS S RASHID, VITALY L NIKOLAEV	Correction Due Date: 2/24/2017 Status: Complete	3/6/2017
Minor	no	HSB Laboratory Spaces - F542	Deficiency: F542: Fume hood weekly cleaning log encased in plastic is recorded on the plastic sleeves. Documentation must be written on the log and logs available for inspection by visitors (recommend at least one year's worth). Corrective Action Plan:	GLEN M ABEL, ZHENGUI XIA	Correction Due Date: 5/5/2017 Status: Complete	4/24/2017
Minor	no	Benjamin Hall - 366	Deficiency: 366: Open cardboard boxes of the new syringes and other items were scattered on the floor, near the dirty mop. The cardboard boxes must be removed off the floor or replaced with plastic storage containers. Corrective Action Plan:	Soon Joon Yoon, MATTHEW O'DONNELL	Correction Due Date: 3/23/2017 Status: Complete	3/22/2017
Minor	no	ARCF (Animal Research & Care Facility) - B177	Deficiency: B177 (procedure): Shelf brackets over sinks in procedure rooms need neoprene infilling and end caps (to close up the brackets). Corrective Action Plan:	HENRY MENDOZA, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 6/9/2017 Status: Complete	6/13/2017

Minor	no	ARCF (Animal Research & Care Facility) - B218	Deficiency: B218 (dog housing): Dog pen vertical doors need a positive latch when in open position. The door should not rely on the wire to keep them up. The dog pens must be re-inspected by the IACUC prior to housing dogs. Corrective Action Plan:	HENRY MENDOZA, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 6/9/2017 Status: Complete	6/12/2017
Minor	no	HSB: 6th Floor Vivarium - E613	Deficiency: E613: Cage cards have hand-written notes by the research group that are not accurate (e.g., pups #1-12 or #13-26, but there was only one Mother in the cage. Cage "0622" had a note that there were pups, but the number of pups were not indicated). Corrective Action Plan: Extending correction due date to two weeks.	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/17/2017 Status: Complete	4/12/2017
Minor	no	Foege Laboratory Spaces - N423D	Deficiency: N423D: Eyewash station requires flushing once per week to protect personnel from potential build-up of contaminants in the water line and must be recorded in a log. Corrective Action Plan:	NIRVEEK BHATTACHARJEE, ALBERT FOLCH	Correction Due Date: 2/2/2017 Status: Complete	1/19/2017
Minor	yes	Benjamin Hall - 366	Deficiency: 366 (Repeat): Floors are very dirty with dried clumps of dirt/dust. Floors should be swept/mopped regularly. Log sheet for sweeping was not present. Corrective Action Plan:	Soon Joon Yoon, MATTHEW O'DONNELL	Correction Due Date: 3/23/2017 Status: Complete	3/22/2017
Minor	yes	CHDD Vivarium - CD076B	Deficiency: 076B: Temperature control has been an ongoing issue. Both rooms had temperature swings of greater than 4 degrees as noted on the data loggers and room care logs. The technician had correctly identified the problem and reported it to the Facility Supervisor. The site visitors spoke to Physical Plant personnel during the visit regarding this issue and long term fixing of the problem. Physical Plant and DCM staff will put new data loggers in place, as Physical Plant believes there is no problem, and measure temperatures for the next week. Physical Plant and DCM will inform the IACUC of the findings and then will work to see if a solution is needed. Corrective Action Plan: Extended deadline to 6/30/17. Extended deadline to 10/1/17.	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 10/1/2017 Status: Pending Corrective Action	
Minor	no	SLU 3.1 Laboratory Spaces - E327	Deficiency: E327: Eyewash log posted is not sanitizable. The log must be encased in plastic sleeves. Corrective Action Plan:	Nicolle D Myers, ANDREW A OBERST	Correction Due Date: 3/2/2017 Status: Complete	3/16/2017

Minor	no	HSB: 6th Floor Vivarium - G620	Deficiency: G620 (Ferret room): Water jug was leaking (dripping from the spigot). The tech was informed and is taking care of it. Corrective Action Plan: Extending correction due date to two weeks.	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/17/2017 Status: Complete	3/8/2017
Minor	no	Brotman Vivarium - B45	Deficiency: B45 (Hung): Date of birth on two old cage cards are not accurate for the mice in the cage. PIs are responsible for providing the Protocol #, contact information, animal source, date of birth or arrival date on cage cards. Corrective Action Plan:	REBECCA PEREZ CABALLERO, ANTHONY L SCOTT, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 3/17/2017 Status: Complete	2/16/2017
Minor	no	WaNPRC: I-Wing Vivarium - I567	Deficiency: I567: Cracked floor outside the door needs repair. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: WaNPRC to arrange epoxy flooring by outside contractor. Extension request on 7/6/17 to 9/30/17.	Facility Services	Correction Due Date: 9/30/2017 Status: Pending Corrective Action	
Minor	no	HSB: K-Wing Vivarium - K017D	Deficiency: K017D: Expired drugs were discard during the visit. Corrective Action Plan: Corrected during the visit.	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: Status: No Action	2/24/2017
Minor	no	HSB: K-Wing Vivarium - K017E	Deficiency: K017E: Illegible logs for cages on static rack. Corrective Action Plan:	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: 2/24/2017 Status: Complete	2/16/2017
Minor	no	ARCF (Animal Research & Care Facility) -	Deficiency: B144A, B144B, B145C, B145D, B151C: Optimice vents must be capped. Corrective Action Plan: Updated correction due date.	HENRY MENDOZA, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 6/30/2017 Status: Complete	6/20/2017

Minor	no	ARCF (Animal Research & Care Facility) - B216	Deficiency: B216 (dog housing): Dog pen vertical doors need a positive latch when in open position. The door should not rely on the wire to keep them up. The dog pens must be re-inspected by the IACUC prior to housing dogs. Corrective Action Plan:	HENRY MENDOZA, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 6/9/2017 Status: Complete	6/12/2017
Minor	no	WaNPRC: Western -	Deficiency: 3rd floor 303: Leaking hose and puddle at drain is a slipping/tripping hazard. Corrective Action Plan:	BRIAN A AGRICOLA, GAIL R. ELLINGSON, Cassandra R. Moats, JENNIFER F LANE, Charlotte E Hotchkiss	Correction Due Date: 5/31/2017 Status: Complete	5/2/2017
Minor	no	WaNPRC: I-Wing Vivarium -	Deficiency: I009B, I027, I033, I065A, I065B, I065C, I065D, I065E (skinny rooms with cages on only one side of the room): Cages could be positioned better so that the animals can see each other. In some rooms, the mirrors are placed too high on the wall for all monkeys to see, and other rooms do not have mirrors at all (I065A, I065B). Two animals in I065A did not have mirrors on their cages either. Group to correct this after the site visit. Corrective Action Plan: Corrected after visit.	Thang T Nguyen	Correction Due Date: 3/8/2017 Status: No Action	3/8/2017
Minor	no	SLU 3.1: 0 Level Vivarium - E068	Deficiency: E068: CO2 tank connected to the euthanasia top did not have a flow meter. Group put flow rates on the tank that could not have been possibly monitored with the gauges. Corrective Action Plan:	CSABA NAGY, LAURA CAMPBELL, WARIS S RASHID, GEBREMEDHN F. GEBRETENSAE	Correction Due Date: 3/10/2017 Status: Complete	2/22/2017
Minor	no	Roosevelt Vivarium - R254	Deficiency: 254: Exhaust hose from the ventilated rack is disconnected. This was corrected during the visit. Corrective Action Plan: This was corrected during the visit.	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 1/18/2017 Status: No Action	1/18/2017

Minor	no	HSB Laboratory Spaces - I534T	Deficiency: I534T: Shower curtains for the doorway needs to be replaced. Corrective Action Plan:	O Birmingham-Mcdonogh, Heather Lynee Zebroski, THOMAS A. REH	Correction Due Date: 3/22/2017 Status: Complete	3/8/2017
Minor	no	ARCF (Animal Research & Care Facility) - B271C	Deficiency: B271C (service area): Emergency switch is stuck in open position and thus not operable. The switch needs to be repaired. Corrective Action Plan:	Kristin J Kano-Mannaz, LESLEY A COLBY	Correction Due Date: 6/9/2017 Status: Complete	6/1/2017
Minor	no	ARCF (Animal Research & Care Facility) - B171	Deficiency: B171 (procedure): Shelf brackets over sinks in procedure rooms need neoprene infilling and end caps (to close up the brackets). Corrective Action Plan:	HENRY MENDOZA, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 6/9/2017 Status: Complete	6/13/2017
Minor	no	ARCF (Animal Research & Care Facility) - B219A	Deficiency: B219A (dog housing): Dog pen vertical doors need a positive latch when in open position. The door should not rely on the wire to keep them up. The dog pens must be re-inspected by the IACUC prior to housing dogs. Corrective Action Plan:	HENRY MENDOZA, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 6/9/2017 Status: Complete	6/9/2017
Minor	no	SLU 3.1 Laboratory Spaces - E569	Deficiency: E569: Paper signs posted on wall are not sanitizable. Paper must be laminated or encased in plastic. Corrective Action Plan:	JAKOB VON MOLTKE, James B Jaffe	Correction Due Date: 3/3/2017 Status: Complete	2/23/2017
Minor	no	SLU 2 Laboratory Spaces - S575	Deficiency: S575: Eyewash is not being flushed weekly. Eyewash station requires flushing once per week to protect personnel from potential build-up of contaminants in the water line and must be recorded in a log. Corrective Action Plan:	Nelly Cruz, BENJAMIN S FREEDMAN	Correction Due Date: 3/2/2017 Status: Complete	2/17/2017

Minor	no	WaNPRC: Western -	Deficiency: SOP # 1027: Incorrect phone number for personnel. Noted on the Post-It note with the correct number. This needs to be switched with the correct notification. Please replace Post-It notes with a more reliable solution, as Post-It notes can easily become loose. Corrective Action Plan:	BRIAN A AGRICOLA, GAIL R. ELLINGSON, Cassandra R. Moats, JENNIFER F LANE, Charlotte E Hotchkiss	Correction Due Date: 4/17/2017 Status: Complete	4/17/2017
Minor	no	WaNPRC: Western -	Deficiency: Through-out facility: Seams of watering system appear to be rusting. Please evaluate the soldering at the seams and assess whether they can be done with stainless steel or if it is not rust, then how can they be cleaned regularly. Corrective Action Plan: Extension requested to 7/31/17 on 5/25/17.	BRIAN A AGRICOLA, GAIL R. ELLINGSON, Cassandra R. Moats, JENNIFER F LANE, Charlotte E Hotchkiss	Correction Due Date: 7/31/2017 Status: Pending Corrective Action	4/27/2017
Minor	no	Big Beef Creek - Big Beef Creek	Deficiency: Fire extinguisher located in the outside hall near the office way and back wall of the wet lab were last serviced in Dec 2015. The fire extinguisher requires servicing. Corrective Action Plan:	Andrew Dittman, Walton Dickhoff, Adam Hansen, Catherine Duke, KATHRYN A STOUT, DAVID A. BEAUCHAMP	Correction Due Date: 3/8/2017 Status: Complete	3/2/2017
Minor	no	HSB: 6th Floor Vivarium - E607	Deficiency: E607 (Clean Side Cage Washroom): Trash can outside of the room has blood on it, but it was not on the cleaning schedule sheet. Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/3/2017 Status: Complete	1/10/2017

Minor	no	Foege Vivarium - N039A	Deficiency: N039: Ventilation is faulty due to preceding weekend's power outages. Repairs are in progress following the visit. There are no other issues with the power outage. All back-up systems are checked in and operated accordingly. Corrective Action Plan:	HENRY MENDOZA, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/28/2017 Status: Complete	1/26/2017
Minor	no	HSB: T-Wing Vivarium - T145B	Deficiency: T145B (Clean cagewash) Clean rodent trap in the clean sidewash room is dated '2015'. Has it not been inspected or changed since then? Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 4/3/2017 Status: Complete	3/24/2017
Minor	no	Benjamin Hall - 365	Deficiency: 365: Refrigerator was full of vials without dates labeled (preparation or expiration). Unable to determine if any of the products are used in the animals. There appears to be a considerable confusion regarding which study is responsible for which vials. The vials must be labeled by lab groups with the appropriate dates. Corrective Action Plan:	Soon Joon Yoon, MATTHEW O'DONNELL	Correction Due Date: 3/23/2017 Status: Complete	3/23/2017
Minor	no	HSB Laboratory Spaces - J661A	Deficiency: J661A: Expiration date is not labeled on the diluted morphine aliquots. Please label the expiration date on the aliquots. Corrective Action Plan:	Philip Ryan, RICHARD D PALMITER	Correction Due Date: 5/9/2017 Status: Complete	4/27/2017
Minor	no	HSB Laboratory Spaces - K508	Deficiency: K508: Expired Clidox must be disposed after two weeks of dilution. Please dispose of and replace. Corrective Action Plan:	G. STANLEY MCKNIGHT, JONATHAN C BEAN	Correction Due Date: 4/10/2017 Status: Complete	3/27/2017
Minor	no	SLU 3.1 Laboratory Spaces - E420A	Deficiency: E420A: Eyewash log posted is not sanitizable. The log must be encased plastic sleeves. Corrective Action Plan:	Joan M Goverman, Neal Mausolf	Correction Due Date: 3/2/2017 Status: Complete	2/9/2017
Minor	no	WaNPRC: I-Wing Vivarium - I092K	Deficiency: I092K: Baseboard is peeling away from the wall. This is an occupational health hazard due to asbestos concern. The baseboard must be repaired and sealed. Corrective Action Plan:	ANTHONY E GRAY, GAIL R. ELLINGSON, Charlotte E Hotchkiss, BENJAMIN PETERSEN	Correction Due Date: 8/31/2017 Status: Pending Corrective Action	

Minor	no	SLU 3.1 Laboratory Spaces - E154A	Deficiency: E154A: Eyewash is not being flushed weekly. Eyewash station requires flushing once per week to protect personnel from potential build-up of contaminants in the water line and must be recorded in a log. Corrective Action Plan:	Maureen Neitz, TONI J. HAUN, Jay (John) Neitz	Correction Due Date: 3/3/2017 Status: Complete	2/10/2017
Minor	no	Roosevelt Vivarium -	Deficiency: Hallway: Eyewash was not consistently flushed weekly. Eyewash station requires flushing once per week to protect personnel from potential build-up of contaminants in the water line and must be recorded in a log. Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/10/2017 Status: Complete	3/8/2017
Minor	no	HSB: 6th Floor Vivarium - C613	Deficiency: C613: Clean cages should be stored up off of the floor (and ideally draped). Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/3/2017 Status: Complete	1/6/2017
Minor	no	HSB: 6th Floor Vivarium - E607	Deficiency: E607 (Clean Side Cage Washroom): "TBJ" water bottle filling machine was to be serviced in Nov. 2016. Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/28/2017 Status: Complete	3/2/2017
Minor	no	HSB: T- Wing Vivarium - T145A	Deficiency: T145: Shoes were under the rack and on the floor. The shoes were picked up and moved during the visit. Corrective Action Plan: Corrected during visit.	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/28/2017 Status: No Action	2/28/2017

Minor	yes	CHDD Vivarium - CD076E	Deficiency: 076E: Temperature control has been an ongoing issue. Both rooms had temperature swings of greater than 4 degrees as noted on the data loggers and room care logs. The technician had correctly identified the problem and reported it to the Facility Supervisor. The site visitors spoke to Physical Plant personnel during the visit regarding this issue and long term fixing of the problem. Physical Plant and DCM staff will put new data loggers in place, as Physical Plant believes there is no problem, and measure temperatures for the next week. Physical Plant and DCM will inform the IACUC of the findings and then will work to see if a solution is needed. Corrective Action Plan: Extending deadline to 6/30/17. Extended deadline to 10/1/17.	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 10/1/2017 Status: Pending Corrective Action	3/8/2017
Minor	no	SLU 2 Laboratory Spaces - N323	Deficiency: N323: Eyewash is not being flushed/logged weekly. Eyewash station requires flushing once per week to protect personnel from potential build-up of contaminants in the water line and must be recorded in a log. Corrective Action Plan:	Michael Schwartz, Gregory J. Morton, Kayoko Ogimoto, Hong T. Nguyen	Correction Due Date: 3/2/2017 Status: Complete	2/16/2017
Minor	no	SLU 2 Laboratory Spaces - S545	Deficiency: S545: Drug log was not up-to-date. The log was corrected during the visit. Group should be counseled to always keep the drug logs current. Corrective Action Plan: Corrected during visit.	Sarah K Dupras, CHARLES E. MURRY, Amy M Martinson, STEPHANIE TUCK	Correction Due Date: 2/14/2017 Status: No Action	2/14/2017
Minor	no	HSB: 6th Floor Vivarium - D607	Deficiency: D607: Orchard grass log is unclear. Please clarify the dates that are logged. Does hay expire? Last date logged was 7/2016. Corrective Action Plan: Extending correction due date to two weeks.	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/17/2017 Status: Complete	3/8/2017

Minor	no	HSB: 6th Floor Vivarium - C615	Deficiency: C615 (Froehner): A line should be drawn, in room care logs, through days when care is not needed because the room is not in use (to clearly indicate that care has not been missed). Corrective Action Plan: Extending correction due date to two weeks.	Vickie C. Sillers, JENNIFER CABARRUS, VATHANA D TOUCH, MARVIN ADAMS, LAURA CAMPBELL, WARIS S RASHID, STANLEY C FROEHNER	Correction Due Date: 2/17/2017 Status: Complete	3/8/2017
Minor	no	Foege Vivarium - N046	Deficiency: N046: Ventilation is faulty due to preceding weekend's power outages. Repairs are in progress following the visit. There are no other issues with the power outage. All back-up systems are checked in and operated accordingly. Corrective Action Plan:	HENRY MENDOZA, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/28/2017 Status: Complete	1/17/2017
Minor	no	HSB: K-Wing Vivarium - I015M	Deficiency: I015M: Temperature records from 1/2 to 1/8 were below 68F (67.5F). There were no supervisor initials on the care log, so it was unclear if this was reported. Corrective Action Plan:	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: 2/24/2017 Status: Complete	1/26/2017
Minor	no	HSB: 6th Floor Vivarium - G615	Deficiency: G615: Garbage can for PPE in the hall was due for washing on 8/20/16. Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/3/2017 Status: Complete	1/6/2017
Minor	no	ARCF (Animal Research & Care Facility) - B276B	Deficiency: B276B (NHP housing): Projecting slub of flooring about 6' in from door needs grinding down/leveling. Corrective Action Plan:	GAIL R. ELLINGSON, Charlotte E Hotchkiss, BENJAMIN PETERSEN	Correction Due Date: 6/9/2017 Status: Complete	6/1/2017

Minor	no	HSB Laboratory Spaces - D218	Deficiency: D218: Eyewash log is a couple weeks out of date. Eyewash station requires flushing once per week to protect personnel from potential build-up of contaminants in the water line and must be recorded in a log. Corrective Action Plan:	JOHN F. WOLFF, PAUL KIMBALL, WENDY H RASKIND	Correction Due Date: 5/9/2017 Status: Complete	4/25/2017
Minor	no	WaNPRC: I-Wing Laboratory Spaces - I445	Deficiency: I445: Tape on light switch is not sanitizable. Please replace tape with a more permanent label that can be easily cleaned/sanitized. Corrective Action Plan:	HUNTER S KNAPP, Renae Koepke, ROBIJANTO SOETEDJO	Correction Due Date: 3/22/2017 Status: Complete	3/6/2017
Minor	no	Guthrie Vivarium -	Deficiency: 368 (Feed Only): Feed is being stored against the wall. Feed must be stored 6 inches away from the wall. This was corrected during the visit. Corrective Action Plan: Corrected during visit.	HENRY MENDOZA, LAURA CAMPBELL, OLENA IATSENKO, WARIS S RASHID	Correction Due Date: 4/7/2017 Status: No Action	4/7/2017
Minor	no	HSB: K-Wing Vivarium - K018A	Deficiency: K018A (Palmiter, rack T57A): Three cages had "Please separate/wean cage" cards placed by DCM on 1/6/2017 and the other two were placed on 1/17/2017. Corrective Action Plan:	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: 2/24/2017 Status: Complete	1/27/2017
Minor	no	HSB: 6th Floor Vivarium - E611	Deficiency: E611 (Dirty Side Cage Washroom): Check dates sheet hanging on the pipes against the back wall is made of paper, and the dates are illegible because of the steam. This information should be recorded on a laminated sheet or something that is impervious to water/steam. Corrective Action Plan: Extending correction due date to two weeks.	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/17/2017 Status: Complete	3/8/2017
Minor	no	SLU 3.1: 0 Level Vivarium - E088C	Deficiency: E088C (Greenberg): Storage bin was overflowing and not able to be closed. Overflowing box was on top of the common use autoclave bags bin. Corrective Action Plan:	CSABA NAGY, LAURA CAMPBELL, WARIS S RASHID, GEBREMEDHN F. GEBRETESAE	Correction Due Date: 3/10/2017 Status: Complete	2/22/2017

Minor	no	HSB Laboratory Spaces - BB1546	Deficiency: BB1546: Several singly housed rats (had cranial implants) in cages that were changed the day of the site visit that did not have enrichment. Animals must be provided with enrichment items such as a hut or chewing materials (e.g., Nyabones). Corrective Action Plan:	PAUL PHILLIPS, Stefan Sandberg	Correction Due Date: 5/3/2017 Status: Complete	4/13/2017
Minor	no	HSB: T-Wing Vivarium - T145B	Deficiency: T145B (Clean Cagewash): Large faded fabric caging cover adjacent to the door is ripped in many places. Please remove or replace. Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 4/3/2017 Status: Complete	3/24/2017
Minor	no	SLU 2 Laboratory Spaces - N217	Deficiency: N217: Eyewash is not being flushed/logged weekly. Eyewash station requires flushing once per week to protect personnel from potential build-up of contaminants in the water line and must be recorded in a log. Corrective Action Plan:	Barbara Houston, JAY W HEINECKE	Correction Due Date: 2/27/2017 Status: Complete	2/28/2017
Minor	no	HSB: 6th Floor Vivarium - E611	Deficiency: E611: Expired Clidox was found in the room. Please dispose of and replace. Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/3/2017 Status: Complete	1/9/2017
Minor	no	ARCF (Animal Research & Care Facility) - B271	Deficiency: B271 (dirty cagewash): Remove sealant and patch and paint wall under the poison bleach (where electrical runs and boxes were relocated). Corrective Action Plan: Correction due date updated.	Kristin J Kano-Mannaz, LESLEY A COLBY	Correction Due Date: 6/30/2017 Status: Complete	6/14/2017
Minor	no	SLU 2 Laboratory Spaces - S285	Deficiency: S285: Cardboard boxes on shelves above the benchtop area are not sanitizable. The cardboard boxes must be removed where animals may be placed (e.g., scale). Corrective Action Plan:	Laura Den Hartigh, LEELA GOODSPEED, ALAN CHAIT	Correction Due Date: 2/22/2017 Status: Complete	2/3/2017
Minor	no	Kincaid Hall - 310	Deficiency: 310B: Cloth chairs in the terminal surgeries room are not sanitizable. Please replace chairs with a sanitizable surface or remove from the animal work area. Corrective Action Plan:	William J Moody, Curtis Easton	Correction Due Date: 5/1/2017 Status: Complete	5/3/2017

Minor	no	HSB: 6th Floor Vivarium - C603	Deficiency: C603: Ceiling tile appears to have some water damage. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: WO #383367. FS Assigned to 17 Carpentry.	Facility Services	Correction Due Date: 2/28/2017 Status: Complete	2/13/2017
Minor	no	WaNPRC: I-Wing Laboratory Spaces - I351	Deficiency: I351: Seal window. Corrective Action Plan:	HUNTER S KNAPP, Renae Koepke, ROBIJANTO SOETEDJO	Correction Due Date: 6/30/2017 Status: Complete	6/14/2017
Minor	no	Kincaid Hall - 507	Deficiency: 507: Guillotine is due for sharpening. Please contact the vendor for servicing. Corrective Action Plan:	Miriam Miri Ben-Hamo, HENRY MENDOZA, Horacio O. De La Iglesia, LAURA CAMPBELL, OLENA IATSENKO, WARIS S RASHID	Correction Due Date: 5/26/2017 Status: Complete	5/26/2017
Minor	no	ARCF (Animal Research & Care Facility) - B265	Deficiency: B265 (clean cagewash): Wall strip next to PanelView Plus 700 display modules need to be sealed. Corrective Action Plan:	Kristin J Kano-Mannaz, LESLEY A COLBY	Correction Due Date: 6/9/2017 Status: Complete	6/5/2017
Minor	no	HSB Laboratory Spaces - BB1502	Deficiency: BB1502: Surgery logs show that the second dose of meloxicam was being given to rats 20-28 hours after the first dose. Meloxicam administration is to be done every 24 hours with the expectation that a repeat administration should never be done more than 24 hours later, but can be administered up to 30-45 minutes early. Corrective Action Plan:	PAUL PHILLIPS, Stefan Sandberg	Correction Due Date: 5/3/2017 Status: Complete	5/4/2017
Minor	no	HSB: 6th Floor Vivarium - H608	Deficiency: H608: Dog hair on the floor needs to be swept up. Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/3/2017 Status: Complete	1/6/2017

Minor	no	HSB: 6th Floor Vivarium - E611	Deficiency: E611: Old, opened can of dog food found in the small refrigerator needs to be discarded. Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/3/2017 Status: Complete	1/9/2017
Minor	no	HSB Laboratory Spaces - J661A	Deficiency: J661A: Gas tank was improperly secured with one chain. Tanks must be properly secured with one or two chains to ensure the tank cannot slide forward. Corrective Action Plan: Lab group submitted a request to Facilities Services. Extending due date to 5/31/17.	Philip Ryan, RICHARD D PALMITER	Correction Due Date: 5/31/2017 Status: Complete	5/31/2017
Minor	no	WaNPRC: I-Wing Laboratory Spaces - I355	Deficiency: WaNPRC I-Wing I355: Seal window Corrective Action Plan:	HUNTER S KNAPP, Renae Koepke, ROBIJANTO SOETEDJO	Correction Due Date: 6/30/2017 Status: Complete	6/14/2017
Minor	no	HSB: K-Wing Vivarium - K017E	Deficiency: K017E: Cage change log indicated a history of 15 day cage change. Please change the cage according to the guidelines. Corrective Action Plan:	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: 2/24/2017 Status: Complete	2/16/2017
Minor	no	SLU 3.1: 7 Level Vivarium - E757	Deficiency: E757: Expired bottle of unopened Rx only Baxter brand Isoflurane belonging to the West Lab was stored on the shelf above the sink. The manufacturer's expiration date was blacked out with a marker and "Exp. 11/18" was handwritten on the bottle. According to the manufacturer, the expiration date was 4/2013. Please discard. Corrective Action Plan:	LESLEY A COLBY, RICHARD D. WELLS	Correction Due Date: 4/6/2017 Status: Complete	3/24/2017

Minor	no	HSB: 6th Floor Vivarium - C613	Deficiency: C613: Paper signs posted with tape are unsanitizable. Paper postings should be laminated or encased in plastic sleeves and posted with something other than tape (e.g., clips, magnets). Corrective Action Plan: Extending correction due date to two weeks.	ANTONY ABRAHAM, Vickie C. Sillers, ALLISA JUNGHA SONG, Benjamin Land, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID, CHARLES CHAVKIN	Correction Due Date: 2/17/2017 Status: Complete	3/8/2017
Minor	no	SLU 3.1 Laboratory Spaces - E327	Deficiency: E327: Cardboard box is not sanitizable. The cardboard box on the floor must be moved or replaced with a plastic bin. Corrective Action Plan:	Nicolle D Myers, ANDREW A OBERST	Correction Due Date: 3/2/2017 Status: Complete	3/16/2017
Minor	no	WaNPRC: I-Wing Vivarium -	Deficiency: I040P Corridor B (PPE area for surgery): Damage on the wall behind the waste can needs repair. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: Work Order submitted to Facilities Services. WO #383372.	Facility Services	Correction Due Date: 5/30/2017 Status: Complete	5/12/2017
Minor	no	HSB: K-Wing Vivarium - K024C	Deficiency: K024C: Expired empty sterile glass vials (exp. 11/1/16). Corrective Action Plan:	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: 2/24/2017 Status: Complete	2/17/2017
Minor	no	Benjamin Hall - 366	Deficiency: 366: Sink countertop was dirty, cluttered with various items and unable to clean/sterilize. Corrective Action Plan:	Soon Joon Yoon, MATTHEW O'DONNELL	Correction Due Date: 3/23/2017 Status: Complete	3/22/2017

Minor	no	WaNPRC: Arizona - Vivarium ABSL2	Deficiency: Kitchen: Popcorn popper with stains on the top plastic part needs to be replaced. Corrective Action Plan:	Richard H Chichester V, GAIL R. ELLINGSON, Ken Durk, PAUL W BARRAS, JAMES M. MURPHY, Charlotte E Hotchkiss	Correction Due Date: 5/19/2017 Status: Complete	4/18/2017
Minor	no	HSB: K- Wing Vivarium - K018D	Deficiency: K018D: Crack in wall paint by the sink. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: WO #502764.	Facility Services	Correction Due Date: 4/1/2017 Status: Complete	3/14/2017
Minor	no	Guthrie Laboratory Spaces - 28D	Deficiency: 028D: Used F/Air canisters should be stored temporary in an airtight bin. The used F/Air canisters must be disposed of through EH&S, Chemical Waste Collection. Please contact EH&S at chmwaste@uw.edu to request pickup for disposal. More information can be found on the EH&S website: http://www.ehs.washington.edu/epowaste/chemwaste.shtm Corrective Action Plan:	Phillip M Baker, MICHELE M JACOBS, Sheri J Mizumori, VALERIE L TRYON	Correction Due Date: 4/21/2017 Status: Complete	4/21/2017
Minor	no	HSB Laboratory Spaces - F518A	Deficiency: F518A: MS-222 working solution found on the counter at room temperature. Mixed on 4/14, so it was likely out for several days. Recommended to store the buffered MS-222 solutions at room temperature no longer than one day (recommendation: 1 month at 4 degrees, 3 month in freezer) Corrective Action Plan:	John Clark, OWEN T LAWRENCE	Correction Due Date: 5/4/2017 Status: Complete	4/20/2017
Minor	no	Brotman Vivarium - C34	Deficiency: C34 (Heinecke): Expired gauze sponges were disposed of during the visit. Corrective Action Plan:	REBECCA PEREZ CABALLERO, ANTHONY L SCOTT, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/17/2017 Status: No Action	2/17/2017

Minor	no	HSB: 6th Floor Vivarium - C609	Deficiency: C609 (Palmiter): Bottom cage change was missed on 1/4/2017 for all of the racks in the room. Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/3/2017 Status: Complete	1/6/2017
Minor	no	HSB: K-Wing Vivarium - K030	Deficiency: K030 (procedure): Eyewash was last inspected on 8/22/16. Eyewash station requires flushing once per week to protect personnel from potential build-up of contaminants in the water line and must be recorded in a log. Corrective Action Plan:	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: 2/24/2017 Status: Complete	1/30/2017
Minor	no	HSB: K-Wing Vivarium - K018E	Deficiency: K018E: Chipped paint across from the hood and on the wall corners. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: WO #502764.	Facility Services	Correction Due Date: 4/1/2017 Status: Complete	3/14/2017
Minor	no	ARCF (Animal Research & Care Facility) - B216	Deficiency: B216 (first dog housing): Dog pen vertical door wire was rubbing on a bracket. The wire needs some clearance. The dog pen must be re-inspected by the IACUC prior to housing dogs. Corrective Action Plan:	HENRY MENDOZA, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 6/9/2017 Status: Complete	6/12/2017
Minor	no	ARCF (Animal Research & Care Facility) - B271	Deficiency: B271 (dirty cagewash): Grate under bedding dump and end of tunnel washer must be covered or replaced with solid piece of metal to prevent feed and bedding falling underneath the grate. Corrective Action Plan: Correction due date updated.	Kristin J Kano-Mannaz, LESLEY A COLBY	Correction Due Date: 6/30/2017 Status: Complete	6/24/2017
Minor	no	WaNPRC: I-Wing Vivarium -	Deficiency: 1047: Three expired bottles of Fentanyl. The bottles were marked "Expired" during the visit. Corrective Action Plan: Corrected during visit.	ANTHONY E GRAY, GAIL R. ELLINGSON, Charlotte E Hotchkiss	Correction Due Date: 3/30/2017 Status: No Action	3/30/2017
Minor	no	HSB: K-Wing Vivarium - K018D	Deficiency: K018D (Palmiter, racks T57A): Several breeder cages with litters did not have the DOB written on the cage card. PIs are responsible for providing the Protocol #, contact information, animal source, date of birth or arrival date on cage cards. Corrective Action Plan:	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: 2/24/2017 Status: Complete	2/6/2017

Minor	no	HSB Laboratory Spaces - H428A	Deficiency: H428A: Paper postings on the walls are not sanitizable. Paper must be encased in plastic or laminated. Corrective Action Plan:	ROBERT B ROBINSON, Steve I Perlmutter	Correction Due Date: 5/4/2017 Status: Complete	5/1/2017
Minor	no	CHDD Vivarium - CD076A	Deficiency: 076A: Hood needs to be cleaned more thoroughly. Corrective Action Plan: DCM requested to extend deadline to 2/21/17.	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/21/2017 Status: Complete	3/8/2017
Minor	no	Foege Laboratory Spaces - N415A	Deficiency: N415A: Eyewash station requires flushing once per week to protect personnel from potential build-up of contaminants in the water line and must be recorded in a log. Corrective Action Plan:	Ruikang Wang, Yuandong Li	Correction Due Date: 2/2/2017 Status: Complete	1/20/2017
Minor	no	HSB Laboratory Spaces - B529	Deficiency: B529: Expired buprenorphine (1/17). This was discarded during the visit. Corrective Action Plan:	KATHERINE L. RAFFERTY, SUSAN W. HERRING, ZIJUN LIU, Atriya Salamati	Correction Due Date: 2/15/2017 Status: No Action	2/15/2017
Minor	no	CHDD Vivarium - CD076B	Deficiency: 076B: Hood was rusty. Please clean and remove rust. Corrective Action Plan: DCM requested to extend deadline to 2/21/17.	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/21/2017 Status: Complete	4/25/2017
Minor	no	HSB Laboratory Spaces - BB1577	Deficiency: BB1577: Cardboard box on the floor is not sanitizable. Please remove the cardboard box or replace with a plastic container. Corrective Action Plan:	CONG XU, Katie Anne Viray, NEPHI STELLA	Correction Due Date: 4/28/2017 Status: Complete	4/17/2017
Minor	no	HR&T Vivarium - SB035	Deficiency: SB035 (Hellstrom): Expired sutures were discarded during the visit. Corrective Action Plan: Corrected during the visit.	LAURA CAMPBELL, WARIS S RASHID, VITALY L NIKOLAEV	Correction Due Date: Status: No Action	2/24/2017

Minor	no	HSB Laboratory Spaces - D418	Deficiency: D418: Tape used to secure the diaper pads to the lab bench in the terminal surgery area is not sanitizable. Adhesive removal solution should remove the residue. Please find an alternative to secure the pads to the bench. Corrective Action Plan:	ALLISA JUNGHA SONG, CHARLES CHAVKIN	Correction Due Date: 5/9/2017 Status: Complete	5/2/2017
Minor	no	Roosevelt Vivarium - R253	Deficiency: 253: Paint chips on wall cabinet. DCM will submit a Work Order to Roosevelt Facility Services. Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 3/31/2017 Status: Complete	3/24/2017
Minor	no	HSB Laboratory Spaces - F518A	Deficiency: F518A: Please post the updated EH&S exposure poster in F518A. The poster can be found on the EH&S website: https://www.ehs.washington.edu/manuals/posters/exposureresponseposter.pdf Corrective Action Plan:	John Clark, OWEN T LAWRENCE	Correction Due Date: 5/4/2017 Status: Complete	4/21/2017
Minor	no	ARCF (Animal Research & Care Facility) - B271	Deficiency: B271 (dirty cagewash): Water Leak in mechanical room. Corrective Action Plan:	Kristin J Kano-Mannaz, LESLEY A COLBY	Correction Due Date: 6/9/2017 Status: Complete	5/30/2017
Minor	no	HSB: K-Wing Vivarium - K018A	Deficiency: K018A (DCM): Litters had not been weaned/separated within the DCM required 48 hours. The cage dated for separation on 1/6 had only one of the litters listed on the cage card with a DOB of 12/1/16 (6 pups), while another cage had a litter DOB of 12/20 (5 pups). There were also no weaning variances posted for this group. Corrective Action Plan:	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: 2/24/2017 Status: Complete	1/27/2017
Minor	no	Roosevelt Vivarium - R254	Deficiency: 254: Static rack holding supplies are overdue for a change out. Corrective Action Plan:	Vickie C. Sillers, VATHANA D TOUCH, LAURA CAMPBELL, WARIS S RASHID	Correction Due Date: 2/10/2017 Status: Complete	4/11/2017

Minor	no	SLU 2 Laboratory Spaces - S173	Deficiency: S173: F/AIR canister in use was unhooked from the machine and resting on the shelf. Site visitors advised the group to enclose the canister if it is not hooked up after the initial use. This was corrected during the visit. Corrective Action Plan:	MARIA V. RAZUMOVA, Michael Regnier, GALINA V FLINT	Correction Due Date: 2/14/2017 Status: No Action	2/14/2017
Minor	no	HR&T Laboratory Spaces - 520D	Deficiency: 520D: Bottle of diluted solution is not dated. Please label the bottle. Corrective Action Plan:	YU-HUAN GU, Gregory J. Del Zoppo	Correction Due Date: 2/2/2017 Status: Complete	1/23/2017
Minor	no	WaNPRC: I-Wing Vivarium - I565	Deficiency: I565: Large hole in the floor, underneath the door on the right side, needs repair. OAW will submit a Work Order and Facilities Services will contact to schedule the work. Corrective Action Plan: WaNPRC to arrange epoxy flooring by outside contractor. Extension request on 7/6/17 to 9/30/17.	Facility Services	Correction Due Date: 9/30/2017 Status: Pending Corrective Action	
Minor	no	SLU 3.1 Laboratory Spaces - E144	Deficiency: E144: Eyewash is not being flushed weekly. Eyewash station requires flushing once per week to protect personnel from potential build-up of contaminants in the water line and must be recorded in a log. Corrective Action Plan:	Susan E. Brockhoff, Maureen Neitz, TONI J. HAUN, JAMES KUCHENBECKE R	Correction Due Date: 2/28/2017 Status: Complete	2/10/2017
Minor	no	HSB Laboratory Spaces - G530	Deficiency: G530: Bottle of EtOH was not labeled. This was corrected during the visit. Corrective Action Plan: Corrected during visit.	Ajay K Dhaka, ROBYN LAING	Correction Due Date: 4/14/2017 Status: No Action	4/14/2017
Minor	no	Benjamin Hall - 365	Deficiency: 365: Open cardboard boxes of the new syringes and other items were scattered on the floor, near the dirty mop. The cardboard boxes must be removed off the floor or replaced with plastic storage containers. Corrective Action Plan:	Soon Joon Yoon, MATTHEW O'DONNELL	Correction Due Date: 3/23/2017 Status: Complete	3/22/2017
Minor	no	HSB Laboratory Spaces - F562	Deficiency: F562: Drug log is recording the quantity used in the "Quantity received" column, which is confusing. Please record this information in the "Quantity used" column. Corrective Action Plan:	GLEN M ABEL, ZHENGUI XIA	Correction Due Date: 5/12/2017 Status: Complete	5/11/2017

Minor	no	HSB: K-Wing Vivarium - K024C	Deficiency: K024C: Expired DietGel (exp. 10/16) in the refrigerator was discard during the visit. Corrective Action Plan: Corrected during the visit.	CORY DALE CONNER, LAURA CAMPBELL, WARIS S RASHID, Virni C Mamaril	Correction Due Date: Status: No Action	2/24/2017
Minor	no	SLU 3.1 Laboratory Spaces - E420A	Deficiency: E420A: Cardboard boxes stored directly above the animal use area are not sanitizable. The cardboard boxes must be moved or replaced with plastic bins. Corrective Action Plan:	Joan M Goverman, Neal Mausolf	Correction Due Date: 3/2/2017 Status: Complete	2/9/2017
Minor	no	ARCF (Animal Research & Care Facility) - B271	Deficiency: B271 (dirty cagewash): Cover over motor (to right of bedding dump) must be sealed to the pipes emerging from it, and to the wall. Corrective Action Plan: Correction due date updated.	Kristin J Kano-Mannaz, LESLEY A COLBY	Correction Due Date: 6/30/2017 Status: Complete	6/13/2017
Minor	no	HSB: 6th Floor Vivarium - C603	Deficiency: C603 (Murry): Expired eye lube was discarded during the visit. Corrective Action Plan:	GARY A. FYE, Sara E. Kerner	Correction Due Date: 1/26/2017 Status: No Action	1/26/2017
Minor	no	WaNPRC: I-Wing Laboratory Spaces -	Deficiency: Drug log error when transcribing (mis-calculated total) on new page. This was corrected during the visit. Corrective Action Plan:	GREGORY HORWITZ, Emily C. Gelfand	Correction Due Date: 3/9/2017 Status: No Action	3/9/2017

Concurrences.



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