



**School of Veterinary Medicine Animal Care and Use Committee
Open Session – May 12th, 2020**

Present (voting): [REDACTED] (for [REDACTED]), [REDACTED]

Present (nonvoting): [REDACTED]

Guests: [REDACTED]

Absent: [REDACTED]

Dr. [REDACTED] called the meeting to order at 10:00 a.m. Dr. [REDACTED] then summarized the ground rules for participating in the meeting using this format.

Approval of Open Session Minutes April 14th, 2020

[REDACTED] moved to approve the April minutes with minor editorial modifications. The vote was unanimous.

Annual Reapprovals

[REDACTED] moved to approve the annual updates. The vote was unanimous with [REDACTED] abstaining.

Senior Program Veterinarians Reports

Dr. [REDACTED] had no report for Open Session.

Dr. [REDACTED] had no report for Open Session.

Report from the Animal Program Assessment Specialists (APAS)

Mr. [REDACTED] had no report for Open Session.

Report from ARC

Mr. [REDACTED] had no report for Open Session.

Logs: Designated Review/Other

The committee reviewed and discussed the designed review and VVC logs. Dr. [REDACTED] pointed that VVC was submitted for the addition of birds to one protocol. Dr. [REDACTED] explained that the original bird had cancer and the PI was receiving replacement s from [REDACTED]. Dr. [REDACTED] also explained a VVC to a dog protocol to include heartworm treatment since the animals are now allowed to go outside.

[REDACTED] and [REDACTED] joined the meeting, [REDACTED] assumed non-voting status]

Other Business

Dr. [REDACTED] called for other business. Hearing none, [REDACTED] / [REDACTED] moved to adjourn into Closed Session for discussion of research protocols or other documents containing confidential proprietary information and personnel matters relating to such research protocols, pursuant to Wisconsin Statutes Section 19.85(1)(c), (d), (e), (f), and (g). The vote was unanimous by roll call. Dr. [REDACTED] invited [REDACTED] and [REDACTED] to stay for closed session.

After Closed Session the meeting reconvened into Open Session.

Spring 2020 Semiannual Program Review

Dr. [REDACTED] explained that the ACUC will now perform the semiannual review of the animal program in the School of Veterinary Medicine. She indicated her approach to the review will be to discuss each section of the UW-Madison Animal Care and Use Program Review Worksheet (see attached) and identify areas of strengths and deficiencies. She also noted that supporting reports for some items have been provided (see attached).

The committee discussed section I (“Physical Plant”). In general, the committee believes the physical plant aspect of the animal program is strong and that communications between veterinary staff, facility staff, and Facilities, Planning, and Management trade shops are timely.

Mr. [REDACTED] explained two facilities have resolved the issue of reheat control valves noted in the Fall Program Review and a third facility ([REDACTED]) is still in process. [REDACTED]

Dr. [REDACTED] said that a campus swine working group has been established to improve biosecurity and communications. She said mentioned SVM was able to help another college for quarantine incoming pigs from an outside source.

Dr. [REDACTED] requested an update on the facility construction and where there is a transition plan or intermediate facilities available during construction. Mr. [REDACTED] stated use of the [REDACTED] is still uncertain and that he was unaware of any other plan right now. The Edstrom watchdog system will still be on the [REDACTED] of the [REDACTED], after completion and at [REDACTED]. Dr. [REDACTED] asked if the use of the [REDACTED] strictly a cost issue and stated he would contact Dr. [REDACTED] for an update.

Mr. [REDACTED] asked, in light of the current pandemic, is a study being performed of the new construction air handling system with regard to virus spread. Mr. [REDACTED] stated that the air is 100% fresh air in and out without recirculation and no filter. The BSL3 suite does have HEPA filtered air. Discussion regarding filtered air versus fresh air and the amount of air exchanges per hour ensued. All are unsure whether the pandemic will affect current designs, however, Mr. [REDACTED] will look into these issues.

The committee discussed section II (“Animal Environment, Housing, and Management”). The ACUC complimented the SVM ARTs for their continued efforts and innovation in planning and providing enrichment to a wide range of species. Dr. [REDACTED] reviewed the ASHER document and policy stating no changes have been made to the document since June 2019. Dr. [REDACTED] complimented the School of Veterinary Medicine and RARC for the execution of the emergency plan, and research and animal care appeared to be moving along smoothly.

Dr. [REDACTED] stated she is still attending weekly EOC meetings, broken into subgroups (campus and system) and they are beginning to explore a return-to-work plan. The biggest issue appears to be the availability of proper PPE. Dr. [REDACTED] explained that the animal programs response to the pandemic was actually much smoother than other area on campus. All are concerned that a second wave could happened and are preparing for this potential wave. Mr. [REDACTED] stated he has stockpiled as many materials and supplies as possible; however, PPE is very difficult to find. They are reusing N95s and Occupational Health and Safety is testing a peroxide vaporizer for sterilizing these masks. Dr. [REDACTED] believes a second wave has already taken place in the food packing plants and if the testing capacity can be retained, subsequent waves will not be worse. Mr. [REDACTED] suggested that a discussion of positive and negative taken during this pandemic be included in the 2020 fall Program Review.

The ACUC acknowledged two ongoing programmatic departures. The first departure is a rodent cage-top sanitization schedule (every three months for mouse cage tops and every two months for rat cage tops) that does not match the *Guide*. This cleaning schedule continues to be practiced with no animal health issues observed. The second allows humane traps used for rodent vermin control in a few select locations to be checked less frequently than daily if nutrient gel packs are included in the traps. Mr. [REDACTED] reported no mice have been found in the gel pack traps to date. [REDACTED] moved to approve these departures from the *Guide*. The vote was unanimous.

The committee discussed section III (“Personnel Qualifications and Training”). RARC trainer Ms. [REDACTED] presented information on animal user training provided campus-wide and specifically to SVM staff, students, and researchers (see attached). In the past six months RARC provided hands-on training through regularly-scheduled mandatory classes and through additional training by special request following the mandatory classes. Ms. [REDACTED] briefly

described the graph explaining that SMPH had more training due to a bigger program with more protocols. Ms. [REDACTED] summarized new PI meet-n-greets, training waivers, and outreach activities and stated that new PI meet-n-greets are being conducted via Webex and are well received. The Training office may continue to utilize online meet-n-greets since it permits the meeting to be conducted with PIs who are not yet on campus. Ms. [REDACTED] explained that the AALAT class has been moved to online, is going well, and is well received by the students.

Mr. [REDACTED] briefly summarized the continuing education provided to the ARTs, and stated all yearly training is current. Overall the SVM ACUC believes the training aspect of the program is very strong and Dr. [REDACTED] thanked the RARC training staff.

Dr. [REDACTED] described a successful two-day virtual laboratory animal medicine mock exam held remotely in May of 2020. Attendees included over 30 countries with 488 participants. She thanked all of those involved in the organization and noted that this event provided a low-cost continuing education opportunity that was extremely well-received.

The committee discussed section IV (“Occupational Health and Safety,” OHS), reviewing the report (see attached) provided by University Health Services (UHS), noting the high rate of enrollment of researchers, students, service personnel, and security staff in the occupational health program. Ms. [REDACTED] reported that sending safety training notifications through the ARROW system is working well. She said the isoflurane workgroup is on hold until everyone is back on campus. Enrollment in SPLAAAF is down due to staff being off campus without access to computers. Incident concerns show 4 on the research side and she has no concerns with SVM under-reporting. Ms. [REDACTED] explained a supplemental species-specific safety course that is now online as well as an interactive cagewash training module. The hope is to have all ARTs complete this course prior to the AAALAC visit.

Ms. [REDACTED] stated that Mr. [REDACTED] as joined FP&M as the [REDACTED] and he has been a great addition.

The committee discussed section V (“Veterinary Medical Care”), finding that in general the programmatic veterinary support is strong and collegial. Dr. [REDACTED] described a new group across campus to link pig users regarding notifications for sick pigs at each facility or when new pigs arrive. So far, it is working very well.

Dr. [REDACTED] is working with the RARC Trainers to update training modules and also let the committee know that she is reviewing protocols regarding anesthesia. It’s going well.

Dr. [REDACTED] stated that the search for a new RARC Veterinarian is going well and, despite the challenges working remotely, one should be identified soon.

Dr. [REDACTED] stated there are new AVMA guidelines for CO₂ euthanasia, and these will be updated across campus. A new USDA requirement states a vet care plan for dogs must be created. Dr. [REDACTED] stated that SVM already has written guidance for dogs, but Dr. [REDACTED] stated this needs to be campus wide.

Dr. [REDACTED] stated the VVC amendments are going well and these amendments are very positive for PIs.

Dr. [REDACTED] stated there is a new rodent online reporting system being developed that will replace the current paper format. This format will be much more efficient and allow the veterinary staff to better plan their day. A Beta version is available, and a demonstration is scheduled for Friday.

The committee acknowledged the exceptional dedication of the RARC veterinary staff as demonstrated by their reviews, consultations, and participation in animal activities.

The committee discussed section VI (“Institutional Animal Care and Use Committee”). Dr. [REDACTED] thanked all of the members for their service, especially those members who recently agreed to continue their service and the off-campus members. Dr. [REDACTED] also thanked the Committee for doing virtual meetings and she is grateful for all of their hard work.

Dr. [REDACTED] stated that new member training is happening virtually and also wanted the members to know there are several webinars available. She also asked the members to let her know if there were any subjects they wanted to see as a webinar.

Ms. [REDACTED] presented information from the last cycle of semiannual inspection findings and trends in expired items over the last five cycles (see attached). She also noted that her report was slightly different due to the pandemic and shared trends done in the fall. There are currently no open items. Dr. [REDACTED] asked if several other facilities could be inspected the same way the inspections happens in [REDACTED]. Ms. [REDACTED] stated that it took several attempts by the lab to develop the level of accuracy the video forward with this type of inspection for all facilities. Once the campus has reopened, Ms. [REDACTED] will look at the best way to move forward with the next round of the inspection schedule.

Dr. [REDACTED] provided a report on protocol review and VVCs. Basically, all protocol reviews are moving as normal without delays. The VVCs are all appropriate per our policy and very little change regarding departures with no whistleblower reports.

Mr. [REDACTED] explained the supplemental material and stated there were no routine PAMs, but a lot of congruence requests. The APAS office is now fully staffed.

Dr. [REDACTED] stated that the IACUC Office missed [REDACTED]’s expertise and her position is considered essential, so hopefully it will be filled soon.

The committee discussed section VII (“Institutional Official,” I.O.). Dr. [REDACTED] said she continues to find Dr. [REDACTED] responsive to ACUC-related requests and concerns, even during this pandemic and said she regularly attends the All Campus Animal Planning and Advisory Committee meetings. The SVM ACUC continues to find value in having the I.O. attend at least one SVM ACUC meeting each year to answer questions and provide updates and will invite Dr. [REDACTED] to an upcoming meeting in 2020.

The committee discussed sections VIII (“Program Integration”) and IX (“Support of the Institutional Mission”). Dr. [REDACTED] stated SVM does very well and the committee has a wide range of expertise and has very strong support.

The IACUC Office continues to provide a protocol entry service to new PIs.

Dr. [REDACTED] stated that the AAALAC site visit has been postponed until March 2021. Mr. [REDACTED] agreed with that decision stating an October visit would not work well for the visitors or the animal program. Dr. [REDACTED] asked if any thought was given to merging all AAALAC accredited units on campus or leave CALS separate. Dr. [REDACTED] believes that the site visitors would prefer to leave them separate.

Dr. [REDACTED] called for other comments. Hearing none, she said after the minutes are approved a draft letter will be circulated for edits, and final signatures will be collected at a future ACUC meeting.

Dr. [REDACTED] called for other business for open session. Hearing none, [REDACTED] [REDACTED] moved to adjourn the meeting. The vote was unanimous, and the meeting was adjourned at 11:34 am.

[REDACTED]



**School of Veterinary Medicine Animal Care and Use Committee
Closed Session – May 12, 2020**

Present (voting):

[REDACTED]

Present (nonvoting):

[REDACTED]

Guests:

[REDACTED]

Absent:

[REDACTED]

Approval of Closed Session Minutes April 14, 2020

[REDACTED] / [REDACTED] moved to approve the minutes. The vote was unanimous.

Senior Program Veterinarians Reports

Neither Drs. [REDACTED] nor [REDACTED] had reports for Closed Session.

Report from the Animal Program Assessment Specialists (APAS)

Mr. [REDACTED] had no report for Closed Session.

Report from ARC

Mr. [REDACTED] had no report for Closed Session.

Other Business

Dr. [REDACTED] called for other business for closed session. Hearing none, [REDACTED] / [REDACTED] moved to adjourn into open session. The vote was unanimous.



LOGS for SVM ACUC – May 2020

Designated Review New/Renewal

PI	Prot #	Date Rec'd	Title	Species	N/R
██████	V6331	4/7	Acute-phase protein serum amyloid A: ...kidney injury with concurrent bacteriuria	Cat	New
██████	V5847-R01	5/3	In Utero Programming of Adult Diseases	Rat	Renew

Designated Review Amendment

PI	Prot #	Date Rec'd	Title	Species	Sum of change
██████	V806	4/9	Molecular Pathogenesis of Viral Diseases	Chicken, duck, hamster, mouse	+hamster prophylactic/therapeutic treatment, updates, +addl drug
██████	V6223-A03	4/27	Molecular Pathogenesis of Emerging and Re-emerging Viruses	Mouse, hamster	Vet/chair-Unassigned locations and procs updated
██████	V5308-R01-A05	4/29	Regulation of T Cell Immunity to Intracellular Pathogens	Mouse	+monocyte recruitment/activation study

Veterinary Verification and Consultation (VVC) Remember to notify safety

PI	Prot #	Date Rec'd	Title	Species	Sum of change
██████	V5173-R01-V13	4/9	Effects of hormones, toxins, oxygen and growth factors on brain glia and neurons	Rat, mouse	Personal transport added
██████	V6090-V01	4/16	Avian Regional Limb Perfusion	Chicken	+addl 5 birds
██████	V6059-V04	4/16	Chinchilla Drug Safety and Efficacy Evaluation	Chinchilla	Dose variations for Tinidazole
██████	V6143-V01	4/15	Molecular Pathogenesis of Type 0 Virus (Large Animals)	Cat, pig, dog	+addl doses of virus

██████	V6232-V05	4/20	Novel cellular therapeutic strategies for Type I Diabetes in dogs	Dog	Removed text that heartworm prevention would not be given
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Dual School Review

PI	Prot #	Date Rec'd	Title	Species	Addl ACUC
██████	M5922-A07	4/20	Mitochondria in progressive multiple sclerosis	Rat, mouse	

**UW-Madison Animal Care and Use Semi-Annual Program Review
Spring 2020 SVM
IACUC III. Personnel Qualifications and Training**

RARC Training courses (November 1, 2019 – April 30, 2020)

- 1441 courses completed campus wide, 147 from SVM
 - o 282 not attached to protocols
 - o 1159 attached to protocols
 - 147 courses completed from SVM
- 893 distinct individuals, 43 distinct individuals from SVM
 - Some individuals take multiple courses

Hands-on

- 511 hands-on training completed campus wide, 77 from SVM
 - o 16 SVM completed Lab Animal Surgery
 - o 61 SVM Species Specific completed
 - Online module/hands on training
 - Mouse(19), Cat(12), Dog(8), Horse (6), Cattle (5), Hedgehog(4), Rat(3), Hamster (1), Rabbit(1), Sheep (1), Swine (1),
- Additional hands-on training requests: 118 sessions (244 students) campus wide, 16 SVM sessions (78 SVM students)
 - o Returning students for additional help/refresher
 - cat, cattle, hamster, mouse, swine (handling/restraint, injections, blood collection, jugular catheterization)
 - pathology
 - o SVM ART Training Refresher (cat, dog, ferret, horse, mouse, rabbit, rat, sheep, swine, sheep)
 - o Wet labs for SVM credit courses
 - SVM Exotics Lab, Bandaging lab, Jr. Surgery Animal Intake labs, Sheep 'virtual' lab
 - o SVM Lab Animal Medicine Club

Waivers

- Approval granted from Dr. [REDACTED]/IACUC
- 29 waivers granted campus wide, 22 from SVM
 - o Waived for: Dog (7), Horse (5), Lab Animal Surgery (5), Cat (4), Cattle (1)

Revocations

- We have not had to report any revocations to the IACUC

Meet and Greets

- 1 SVM PI out of 7 PIs campus wide
 - o [REDACTED]

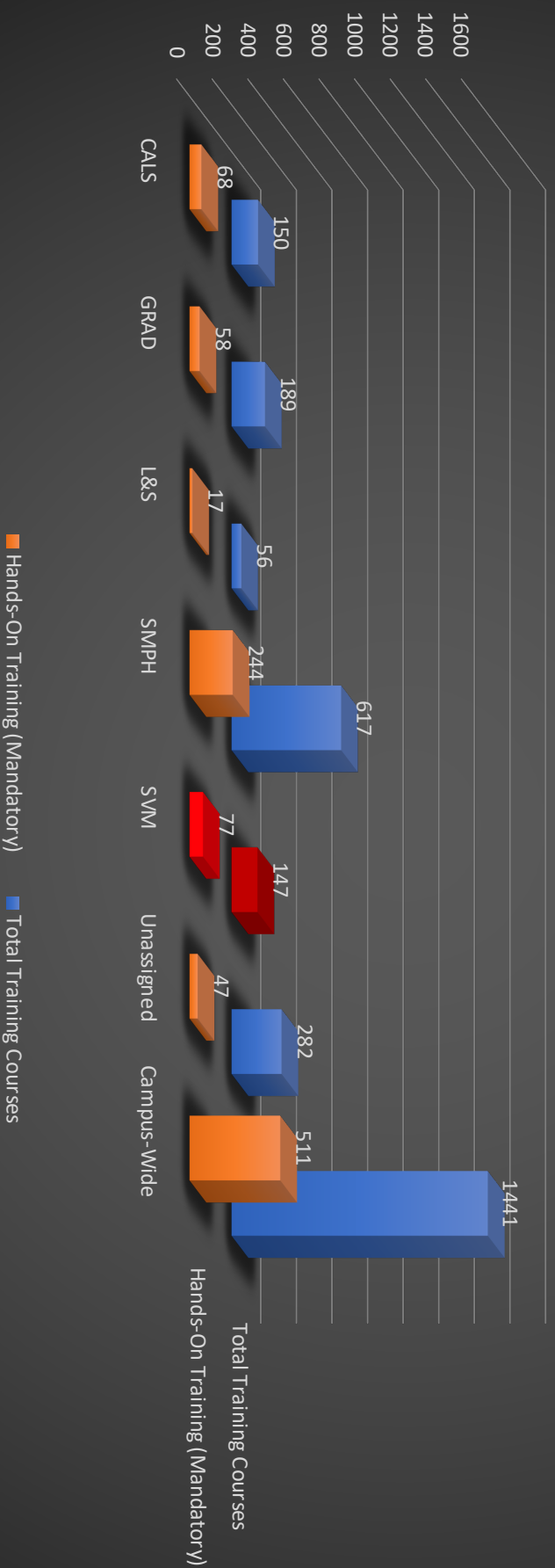
Outreach

- o Campus Visitor's Program
 - Edgewood College
- o Dairy Cattle Outreach Event, Spring Finals Week – canceled, rescheduled next spring

Other Training Updates

- 15 week ALAT course
- Dairy Short Course – RARC Trainers assisted, online training utilized
- Online Modules: 5 yr recertification, rat, microisolator; wildlife, primate, sheep, medical records, LAS pre-req, surgical resources (anesthesia, scrubbing, gloving, draping, surgery)
- Train the Trainer: dog, rat IV catheters, calf jugular blood collection

Campus-Wide Training Numbers (November 2019- April 2020) SVM Program Review





Environment, Health and Safety

DIVISION OF FACILITIES PLANNING & MANAGEMENT
UNIVERSITY OF WISCONSIN-MADISON

Environmental and Occupational Health Summary Occupational Health Program Status April 2020

Compliance with Animal Contact Risk Questionnaire (ACRQ)

On April 27, 2020 the compliance rate* for ACRQ was 97% with 3839 enrolled. During the time period since the last report, those compliant with ACRQ review ranged from 93 to 97% with an average of 95%.

The Occupational Medicine staff reviewed 1884 ACRQ questionnaires in this time period.

Occupational Health Program for Service Personnel (SPLAAAF)

Compliance for UW Madison staff enrolled in SPLAAAF was 78% on April 27, 2020. During the time period since the last report, those compliant with SPLAAAF review ranged from 91 to 99% with an average of 95% until March 1, 2020. Refer to section on services during "Safer at Home".

UW Health confirmed they are asking about animal allergies in pre-employment health assessment and if animal allergies worsen during work to contact their Employee Health Service.

Spring 2020 Course Compliance

In addition to faculty and staff compliance specific courses also require ACRQ. Below is the current compliance for Spring.

Course	Number of students enrolled	% Compliance
Animal Science 305	28	97%
Animal Science 375	19	85%
Animal Science 432	15	80%
Dairy Science 234	15	67%

Occupational Medicine and Occupational Health Services during "Safer at Home"

In recognition of assuring health of essential workers on campus and in particular those caring for animals and conducting essential research, Occupational Medicine has and continues to be present during normal business hours. Staffing is reduced, however, available to respond to phone calls and see patients if necessary due to animal bites or other related exposures.

There have been no changes to Animal Contact Risk Questionnaire processes, submission reminders continue to be sent, questionnaires reviewed, and medical clearances are being completed. This is reflected in the compliance percentages.

SPLAAAF annual submissions for about 2/3 of the program are routinely initiated in March. The initiation of "Safer at Home" has had an impact on compliance with this program as many of the staff enrolled may not be on campus, have computer access at home or language barrier issues. We continue to reach out to supervisors to encourage completion. Once staff are allowed back on campus we will actively engage with these staff to complete the SPLAAAF.

Respirator programs are continuing with recognition of conservation practices necessary to assure sufficient PPE for healthcare and other priority entities. Like ACRQ, respirator medical questionnaires are being reviewed by healthcare providers. Advice and training for those that can shift to PAPR use has also been provided. Occupational Health staff are serving on the UW Madison EOC Logistics team reviewing potential purchases and evaluating supply and requests for campus units.

Campus rabies policy highly recommends vaccination and every 2-year titer collection. In past years Occupational Medicine arranged an event in April to offer titer collection which allowed for a significant volume discount for testing cost. After seeking advice on priority from UW Madison Chief Campus Veterinarian and comparing those due for titer in spring to those listed as being essential on campus, we are in the process, subject to availability, of arranging a phased approach to offer rabies titer to these staff.

Other Impacts

UHS electronic medical record was upgraded to a web application version in January. Enhancements continue to be requested from the vendor, many delayed due the current pandemic.

*Compliance rate is calculated as the number of enrollees with an approved ACRQ due date effective the month prior to date generated divided by the number of enrollees as provided to EOH (Animal Course Orientation Completion, RARC notice on animal protocol or specific class enrollment). For example, the above compliance rate was calculated by, identifying 165 enrollees who had never submitted an ACRQ, had submitted an ACRQ and not responded to questions from the provider, were due to have submitted annual ACRQ in September 2019 or earlier, had submitted recently and not yet reviewed. Thus, $4123 - 165 / 4123 * 100$ is 96%

SVM ACUC Program Review Spring 2020: IACUC Inspections

Due to the Covid-19 pandemic the last semi-annual inspection was done on March 18th. UW Madison has requested and received a waiver from OLAW allowing us to postpone any remaining semi-annual inspections remaining in the Spring 2020 cycle. While the USDA does not issue formal waivers they have acknowledged the need to delay semi-annual inspections for as long as necessary.

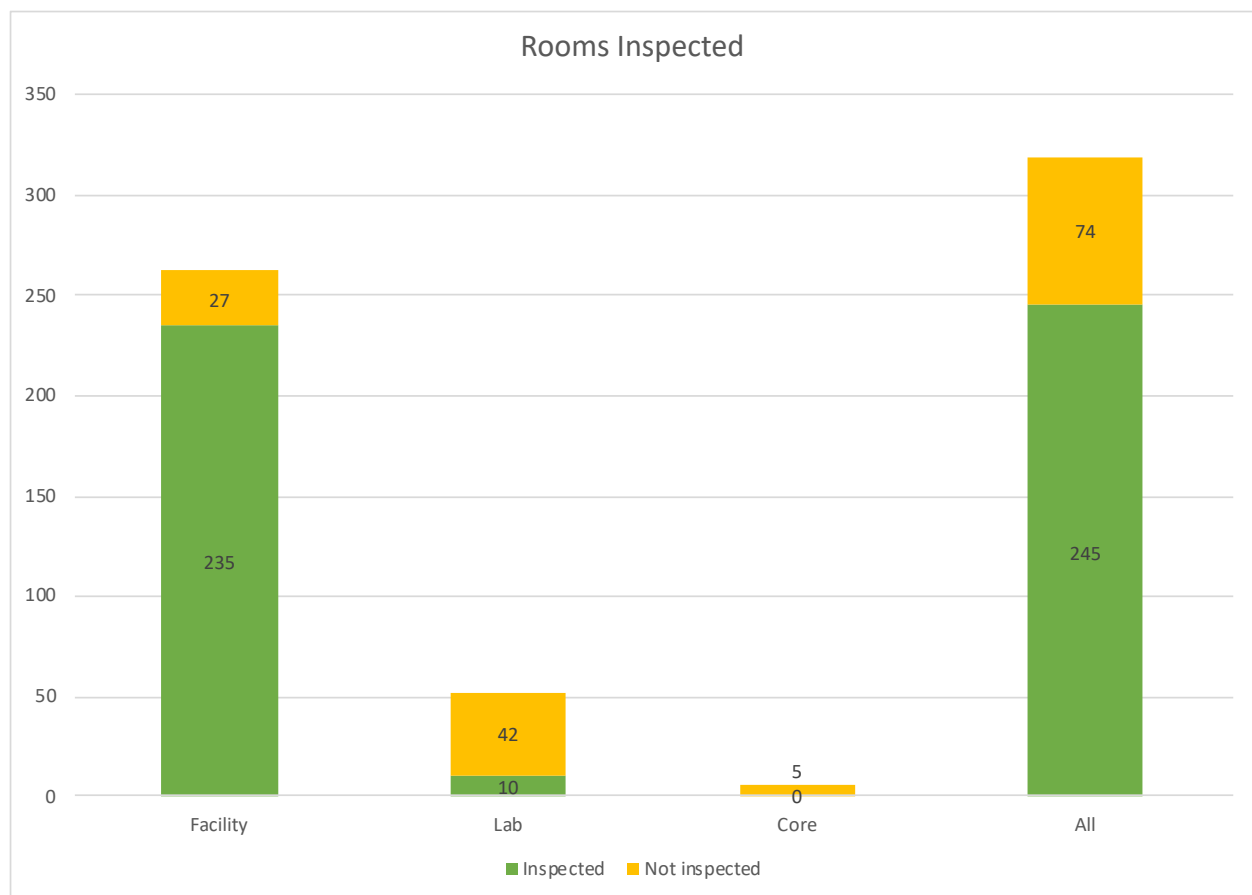
Reports on Voting Member time spent, deficiency summaries and deficiency trends will be included in the Fall 2020 Program Review.

New Room Inspections

So far this cycle SVM members have done two new room procedure room inspections.

Regularly Scheduled Semi-Annual inspections:

Typically the SVM ACUC has 9 regularly scheduled inspections per cycle, encompassing over 300 individual rooms or spaces (including transport vehicles). Before the pause in conducting inspections we completed 77% of total rooms or areas in the SVM program. Due to timing 90% of the facility areas were completed, but only 19% of the labs.



Areas left to be inspected:

[REDACTED] Surgery area (core)
[REDACTED] building labs group A
[REDACTED] building labs Group B
[REDACTED] (facility)

We will begin with these areas once inspections can resume.

Repeat Deficiencies (to be included in the report to the IO)

Expired Disinfectant or Cleaning Agent: 2 Facility Repeats, both second repeats, [REDACTED]

Expired food/Treat/Supplement: 1 Facility Repeat, second repeat, [REDACTED]

Labels Missing Incomplete or Incorrect: 1 Facility Repeat, [REDACTED]

Infrastructure (rust in animal area): 1 Facility Repeat, [REDACTED]

Overdue Deficiencies: None

Unresolved Deficiencies: None

Inspection Timing

Both USDA and OLAW expect that the remaining Spring 2020 inspections will take place as soon as it is possible once the impacts of Covid-19 are no longer a factor. The next semi-annual after the 1st post-pandemic semi-annual should be 6 months later. This may require a restructuring of the inspection schedule.

Options for Low and No Contact Inspections

In the event that campus takes a phased approach before returning to a fully pre-Covid state of operations the regulatory agencies have acknowledged various flexibilities that IACUCs can utilize to conduct inspections. Options include:

- Virtual inspections
 - Must be a live feed viewed by two voting members
 - Must have ability to direct camera as needed
 - SVM has experience doing [REDACTED] this way
- Compartmentalized inspections
 - Voting members can split up and do separate areas of the facility
 - Could even do staggered times
 - Voting members should consult with each other before declaring deficiencies
- Consultant inspections (non-USDA areas/activity only)
 - Consultant report reviewed and voted on by full committee
 - We already utilize this on the small scale for lab make-up inspections

These options could also be applied to new room inspections as needed.

Thanks to all the IACUC members for the time and effort they put into the inspections. If you have any feedback or suggestions please let me know.

**Committee Training
November, 2019-April, 2020**

Committee Training at Monthly Meetings

December: Full Committee Review or Designated Member Review - How to Decide?

January: Scientific Merit and ACUC Review

March: Veterinary Verification and Consultation Review

April: Animal Numbers Justification- Significance versus Reproducibility When is replication necessary?

Web Seminars

NABR: Cautionary Tails: FOIA and Other Threats to Sustainability of Animal Research – October 29, 2019

OLAW: 21st Century Cures Act: Next Steps - December 5, 2019

NABR: The 2019 USDA Oversight Process- January 7, 2020

PRIM&R: Agricultural Research with Farm Animals: IACUC Scenarios and Considerations- January 30, 2020

OLAW: Building a Research Occupational Health Program - March 12, 2020

OLAW: Pandemic Contingency Planning and Its Impact on Animal Care - March 19, 2020

PRIM&R: COVID-19: How HRPPs are Preparing and Responding—A Discussion Forum

OLAW: COVID-19 Pandemic Response Resources and FAQs for Animal Care and Use Programs - April 8, 2020

PRIM&R Community Conversation: COVID-19 Considerations for Animal Care and Use Programs- April 23, 2020

Archived NABR Web Seminars can be accessed at: <http://www.nabr.org/nabr-members-only/webinars/>
You will need to create a login, and be verified as being affiliated with a member organization (UW Madison) before you can access the member's only content.

Archived OLAW Web Seminars can be accessed at:
https://grants.nih.gov/grants/olaw/educational_resources.htm#online-seminars

Archived PRIM&R Web Seminars are available to members- contact [REDACTED] for information.

SVM ACUC Spring 2020 Protocol Review Statistics

**Number of Protocols Reviewed and Approved in the six-month period preceding program review
(10/15/2019 – 4/14/2020)**

	Fall 2017	Spring 2018	Fall 2018	Spring 2019	Fall 2019	Spring 2020
New/Renewals	22	25	27	32	47	40
Amendments	56	48	73	49	45	62
Total	78	73	100	81	90	102

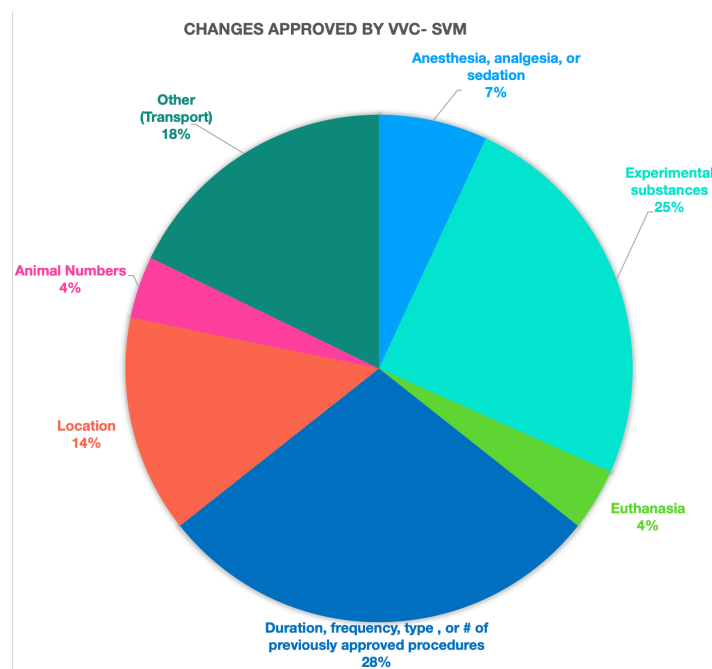
Turn-around time in Days for Protocols Reviewed and Approved during this period*

New or Renewals	Fall 2017	Spring 2018	Fall 2018	Spring 2019	Fall 2019	Spring 2020
Average	18	21	17	21	20	20
Median	11.5	19	17	17	19	15
Range	6-60	9-53	4-34	7-101	6-48	6-68

*Includes review time after submission (not including vet pre-review). The average time required for vet prereview this cycle was 2.5 days.

Amendments or VVC	Fall 2017	Spring 2018	Fall 2018	Spring 2019	Fall 2019	Spring 2020
Average	10	13	7	8	9	11
Median	7	7	0	5	0	7
Range	0-59	0-49	0-50	0-30	0-67	0-57

Includes amendments approved through Veterinary Verification and Consultation (VVC) in which the changes may be implemented immediately after vet consultation. **45% of the SVM protocol changes approved this cycle were via this process (down from 60% last cycle).** Although VVCs are in effect immediately upon consultation, the time required to process VVCs (update the protocol) averaged 3 calendar days (same as last cycle). In July, 2019 the IACUC office began following up on VVCs that are not finalized within one week.



SVM ACUC Spring 2020 Departures

As of May 5, 2020, the SVM ACUC animal program currently has the following departures from the Guide approved in protocols (out of 174 approved protocols):

- 30 protocols approved for housing animals individually for experimental or veterinary reasons:
 - to determine the food intake and fecal output of individual rats assigned to specific treatment groups
 - to reduce post-operative trauma by conspecifics and/or displacement of implanted devices
 - because animals have been treated with a substance requiring isolation for staff safety
 - conditions described in the ASHER document (Policy 2011-042-v)
 - other scientific justifications approved by the ACUC in protocols
- 12 protocols that involve restraint for more than one hour for the following reasons
 - to reduce shear stress on limb joints following surgery
 - to avoid dislodging an engineered cartilage implant
 - for blood pressure or ventilation monitoring
 - to provide “restraint stress” for experimental purposes
 - during veterinary student instruction in how to perform ultrasounds on cats
 - other scientific justifications approved by the ACUC in protocols
- 17 protocols that involve food or fluid regulation for the following reasons:
 - to acclimate zebra finches to experimental (treated) seed source
 - to measure gastrointestinal transit time by radiography
 - to encourage animals to ingest infected beetles during a parasite exposure period
 - to obtain reliable and consistent data used to measure bladder functions
 - fasting prior to taking insulin and glucose measurements
 - other scientific justifications approved by the ACUC in protocols
- 55 protocols that use non-pharmaceutical grade compounds for the following reasons:
 - no pharmaceutical-grade formulation is available
 - an equivalent veterinary or human drug is available for experimental use but the chemical-grade reagent is required to replicate methods from previous studies because results are directly compared to those of replicated studies
 - the equivalent veterinary or human drug is not available in the concentration or formulation appropriate to meet experimental requirements
 - the available human or veterinary drug does not meet the nontoxic vehicle requirements for the specified route of injection or for the proposed research species

Fall 2019 program review data for comparison:

- 30 protocols approved for housing animals individually for experimental or veterinary reasons
- 7 protocols that involve restraint for more than one hour
- 19 protocols that involve food or fluid regulation
- 54 protocols that use non-pharmaceutical grade compounds

Report from RARC Animal Program Assessment Specialists
SVM IACUC
Spring 2020
Section IV, Part Q

Routine PAM Reviews

No routine PAM reviews were done on SVM protocols during this cycle

Directed PAM Reviews

No directed PAM reviews were done on SVM protocols during this cycle

Congruence Reviews

Six grant-protocol congruence reviews were conducted with SVM protocols.[73 total]

Miscellaneous

We answered 7 controlled substance questions for SVM PIs [32 total].

(based on Defining the Animal Care and Use Program, Lab Animal 34(10) 41-44, *Guide for the Care and Use of Laboratory Animals* 8th ed., and *Guide for the Care and Use of Agricultural Animals in Agricultural Research and Teaching* 3rd ed.)

[illegible]

(II). Animal Environment, Housing, and Management: “An appropriate program provides environments, housing, and management that are well-suited for the species or strains of animals maintained and takes into account their physical, physiologic, and behavioral needs, allowing them to grow, mature, and reproduce normally while providing for their health and well-being.” (*Guide*, p.41). Adequate management requires appropriate and sufficient physical, procedural, and human resources. This includes the special needs of aquatic species, and animal facilities not located on the main campus (e.g., Agricultural Research Stations).

A. When providing animal housing the institution considers the appropriateness of:

- the shape, size, and construction of the animals’ primary enclosures (cage, pen, etc.)
- temperature, humidity, ventilation, and illumination

Fall 2019 ACUC response: Yes.

Spring 2020 ACUC response:

B. When providing animal housing the institution considers the appropriateness of behavioral management. That is, environmental enrichment and social housing programs are beneficial to animal well-being and are consistent with the goals of animal use (includes meeting needs for social housing and/or environmental enrichment, exercise for dogs, and promotion of the psychological well-being of nonhuman primates).

Fall 2019 ACUC response: Yes. The Animal Resources Center (ARC) animal research technicians (ARTs) were complimented for their continued efforts in planning and providing enrichment to unusual species.

Spring 2020 ACUC response:

C. In assuring appropriate management of animals and animal facilities the institution considers:

- animal husbandry, including selection, storage, preparation, and provision of food, bedding, and water
- population management, including animal identification (cage cards, ear tags, tattoos, etc.) and records
- weekend and holiday animal care
- sanitation of enclosures and physical plant
- integrated pest control programs

Fall 2019 ACUC response: Yes.

Spring 2020 ACUC response:

D. Furthermore, the institution considers:

- facility security and biosecurity
- preparation of a disaster plan that takes into account both personnel and animals
- personnel security (pre-employment screening, etc.)

Fall 2019 ACUC response: Yes.

Spring 2020 ACUC response:

E. Methods exist to monitor and maintain the physical, procedural, and human contributions to adequate animal environment, housing, and management to ensure that they meet performance standards for all animals. That is, facilities are checked to ensure animals are fed, watered, cared for, and protected in species-appropriate ways.

Fall 2019 ACUC response: Yes.

Spring 2020 ACUC response:

F. Facilities in which animals are housed and used are secure and provide animal and human safety. That is, access to animals in facilities is controlled, monitored, and/or documented.

Fall 2019 ACUC response: Yes.

Spring 2020 ACUC response:

G. Departures from The Guide are identified, discussed, and approved by the ACUC.

Fall 2019 ACUC response: Yes. The ACUC acknowledged two ongoing programmatic departures. The first is a rodent cage-top sanitization schedule (every 3 months for mouse cage tops and every 2 months for rat cage tops) that does not match the *Guide*. This schedule continues to be practiced with no animal health issues observed. The second allows humane traps used for rodent vermin control in a few select locations to be checked less frequently than daily if nutrient gel packs are included in the traps. Mr. [REDACTED] reported no mice have been found in the gel pack traps to date. The ACUC acknowledged that during the winter months some SVM facilities are not able to maintain relative humidity levels at levels recommended in the *Guide*. No adverse health effects attributable to the low humidity have been noted by the veterinarians, but PIs will again be notified of the potential for their research to be affected and advised to consult with Mr. [REDACTED] or an RARC veterinarian with any concerns.

Spring 2020 ACUC response:

H. Procedures exist to identify, communicate, and correct deficiencies in animal environment, housing, and management.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
I. <i>Other criteria that should be used to evaluate animal environment, housing, management & the animal program?</i>
Fall 2019 ACUC response: None. Spring 2020 ACUC response:

(III). Personnel Qualifications and Training: "All personnel involved with the care and use of animals must be adequately educated, trained, and/or qualified in basic principles of laboratory animal science to help ensure high-quality science and animal well-being. ...Institutions are responsible for providing appropriate resources to support personnel training and the IACUC is responsible for providing oversight and for evaluating the effectiveness of the training program." (*Guide*, p.15). Personnel represent both a tremendous resource and a source of complexity in maintaining an effective Program. In view of the importance of training and the diversity of training needs, the training program must be comprehensive and flexible.

A. All categories of personnel that constitute the animal research and care community receive adequate and appropriate training, including: <ul style="list-style-type: none"> • animal care staff • management and supervisory personnel • research personnel (investigators, instructors, technicians, trainees, students) • IACUC members • Institutional Official • veterinarians and veterinary staff • physical plant and security staff
Fall 2019 ACUC response: Yes. See also attached report on RARC-provided animal user training to SVM staff, students, and researchers and to all campus animal users. Spring 2020 ACUC response:
B. As appropriate, each member of the animal research and care community (as listed above) understands: <ul style="list-style-type: none"> • the components of the animal care and use Program • his or her role within that Program • how that role interacts with the roles of other members of the community
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
C. <u>Initial</u> formal and/or on-the-job training in Program goals and the humane care and use of animals is provided.
Fall 2019 ACUC response: Yes. RARC trainers are finalizing updates to the online training modules: Primate, Rat, Microisolator, Lab Animal Training prerequisite, and the Five-Year Recertification training. Spring 2020 ACUC response:
D. Personnel using or caring for animals participate regularly in <u>continuing</u> education activities relevant to their responsibilities.
Fall 2019 ACUC response: Yes. Over the last six months ARTs received special species training, horse collar training, and hazard communication training. ARTs participated in species training alongside research staff and veterinary staff, and recognizing and managing species-specific behavior was emphasized. Spring 2020 ACUC response:
E. Documentation of training exists and is accessible.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
F. The effectiveness of the initial and continuing training of individuals working with animals is regularly evaluated.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
G. Procedures exist to identify, communicate, and correct deficiencies in training.
Fall 2019 ACUC response: Yes.

Spring 2020 ACUC response:
<i>H. Other criteria that should be used to evaluate training & the animal program?</i>
Fall 2019 ACUC response: Members commended Ms. [REDACTED] on the strength of the RARC training program and encouraged her to write a publication describing the program.
Spring 2020 ACUC response:

(IV). Occupational Health and Safety: "Each institution must establish and maintain an occupational health and safety program (OHSP) as an essential part of the overall animal care and use program of animal care and use.... An effective OHSP requires coordination between the research program (as represented by the investigator), the animal care and use program (as represented by the A.V., I.O. and IACUC), the environmental health and safety program, occupational health services, and administration (e.g., human resources, finance, and facility-maintenance personnel)." (*Guide*, p.17).

A. The UW-Madison Occupational Health and Safety Program performs hazard identification and risk assessment associated with: • animal care • animal experimentation • teaching using animals • outreach using animals • field studies using wild animals
Fall 2019 ACUC response: Yes.
Spring 2020 ACUC response:
B. The UW-Madison Occupational Health and Safety Program provides initial and continuing medical evaluation and preventive medicine for personnel with animal contact.
Fall 2019 ACUC response: Yes. See also attached report of current compliance rates for animal users and employees enrolling in the occupational medicine program (91-95%).
Spring 2020 ACUC response:
C. The UW-Madison Occupational Health and Safety Program identifies and provides occupational safety training to animal users including appropriate hygiene practices and instruction in appropriate PPE.
Fall 2019 ACUC response: Yes.
Spring 2020 ACUC response:
D. The UW-Madison Occupational Health and Safety Program monitors animal users, facilities, and procedures.
Fall 2019 ACUC response: Yes. The isoflurane workgroup continues to meet and assess high risk exposure areas to mitigate exposure, including three locations in SVM where the open drop method is used without appropriate engineering controls. The committee asked Ms. [REDACTED] and Mr. [REDACTED] to prepare a proposal of recommended actions to mitigate exposure in these locations.
Spring 2020 ACUC response:
E. The ACUC and the institution monitor the effectiveness of the Occupational Health and Safety program.
Fall 2019 ACUC response: Yes. Ms. [REDACTED] described the current status of the merger between the University Health Services (UHS) Occupational Medicine program and the Environment Health and Safety Department (EH&S), and on the search for a new [REDACTED]. An ACUC member who serves on the search committee said that he is impressed with the quality of the candidates who will be coming to campus for interviews.
Spring 2020 ACUC response:
F. Procedures exist to identify, communicate, and correct deficiencies in the Occupational Health and Safety program.
Fall 2019 ACUC response: Yes.
Spring 2020 ACUC response:
<i>G. Other criteria that should be used to evaluate the Occupational Health and Safety Program for the animal program?</i>
Fall 2019 ACUC response: None.
Spring 2020 ACUC response:

(V). Veterinary Medical Care: "Veterinary care is an essential part of an animal care and use program. The primary focus of the veterinarian is to oversee the well-being and clinical care of animals used in research, testing, teaching, and

production. This responsibility extends to monitoring and promoting animal well-being at all times during animals use and during all phases of the animal's life. ...The veterinary care program is the responsibility of the attending veterinarian." (Guide, pp.105-106). Adequate veterinary care is a Program component that closely affects all other components.

A. The Program has access to and meets appropriate performance standards for animal procurement and transportation.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
B. The Program has access to and meets appropriate performance standards for preventive medicine, including animal quarantine, stabilization, and separation, as well as surveillance, diagnosis, treatment, and control of disease.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
C. The Program has access to and meets appropriate performance standards for management of experiment-associated disease, disability, or other sequelae.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
D. The Program has access to and meets appropriate performance standards for assessment of animal well-being. Veterinary access to all animals is provided.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
E. The Program has access to and meets appropriate performance standards for establishment of adequate surgical and post-surgical care, including proper use of anesthesia and analgesia. Agents that provide anesthesia and analgesia (1) must be used before their expiration dates and (2) should be acquired, stored, their use recorded, and disposed of legally and safely.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
F. The Program has access to and meets appropriate performance standards for proper selection and conduct of euthanasia.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
G. The Program has access to and meets appropriate performance standards for veterinary participation in protocol development and review.
Fall 2019 ACUC response: Yes. Veterinary pre-review of protocols and of the veterinary verification and consultation (VVC) process continue to prove very valuable. Spring 2020 ACUC response:
H. There are a sufficient number of veterinarians and veterinary technicians trained to meet Program needs.
Fall 2019 ACUC response: Yes. In the summer of 2019 the I.O. met with representatives of the School of Veterinary Medicine, and a proposal to fund 25% of a clinical faculty and boarded anesthesiologist at SVM exclusively for the campus-wide research animal program is currently under consideration by SVM and the Office of the Vice Chancellor for Research and Graduate Education (OVCRGE). Spring 2020 ACUC response:
I. There is effective evaluation and mentoring of research animal veterinarians to meet Program needs.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
J. A mechanism exists for direct and frequent communication to ensure that timely and accurate information about problems associated with animal health, behavior, and well-being information is conveyed to the veterinary staff.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
K. Mechanisms exist to ensure appropriate veterinary participation in decisions regarding animal husbandry, preventive

medicine, and experiment planning and conduct, including surgical and post-surgical care. Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
L. Veterinarians are provided with sufficient authority to carry out their duties. Direct or delegated authority is given to the veterinarians to oversee all aspects of animal care and use. Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
M. Records document provision of adequate veterinary care to all animals. Veterinarians have access to these records. Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
N. The institution monitors the effectiveness of the Veterinary Care program. Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
O. Procedures exist to identify, communicate, and correct deficiencies in the Veterinary Care program. Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
P. The veterinary program offers a high quality of care and ethical standards appropriate to the species and the program. Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
Q. <i>Other criteria that should be used to evaluate the program of veterinary care within the animal program?</i> Fall 2019 ACUC response: The committee acknowledged the exceptional dedication of the RARC veterinary staff as demonstrated by their reviews, consultations, and participation in animal activities. Spring 2020 ACUC response:

(VI). Institutional Animal Care and Use Committee (IACUC): "The responsibility of the IACUC is to oversee and routinely evaluate the program." (*Guide*, p.24). More than any other group, the IACUC is directly responsible for ensuring the adequacy of all aspects of the Program and can protect the institution's privilege to use animals in research, testing, or education.

A. The ACUC is duly constituted according to the AWA and PHS Policy, and meets as necessary to fulfill its responsibilities. Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
B. The ACUC members understand the role and responsibilities of the ACUC. Fall 2019 ACUC response: Yes. The SVM ACUC continues to benefit from having stable, dedicated, and experienced members from all departments, and from the contributions of its community and non-scientist members. Dr. [REDACTED] thanked all of the members for their service, especially those members who recently agreed to continue their service. Spring 2020 ACUC response:
C. The ACUC members receive suitable orientation, background materials, and specific training in understanding and evaluating issues brought before the committee. Training consists of a formal orientation to the institution's program; an overview of legislation, regulations, guidelines, and policies; and instruction on how to conduct protocol review, inspect facilities and labs, and evaluate the program. Committee member training includes both initial and ongoing training/education. Fall 2019 ACUC response: Yes. Dr. [REDACTED] summarized committee training topics covered during the last six months. She encouraged members to suggest topics for training. See attached report. Spring 2020 ACUC response:

D. The ACUCs review and evaluate the Animal Program semiannually.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
E. The ACUCs inspect and evaluate animal activity areas semiannually, including identified animal barrier vivaria and labs where animals go for procedures, surgery areas, transport vehicles, "temporary" housing, etc.
Fall 2019 ACUC response: Yes. Ms. [REDACTED] presented information from the last cycle of semiannual inspection findings and trends in expired items over the last five cycles (see attached). She noted that few deficiencies were identified, none of which were repeat deficiencies and none of which were classified as significant. Ms. [REDACTED] thanked committee members for their participation on the inspections. Spring 2020 ACUC response:
F. The ACUCs evaluate drug storage and control programs in animal areas.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
G. The ACUCs review proposed uses of animals in research, teaching and outreach (i.e., protocols), including special review requirements regarding physical restraint, multiple major surgical procedures, food or fluid restriction, and the use of pharmaceutical grade chemicals. ACUC members named in protocols or with other conflicts recuse themselves from protocol decisions. ACUC oversight of approved use continues post-approval.
Fall 2019 ACUC response: Yes. Dr. [REDACTED] provided a report on committee training topics covered during the last six months and on protocol review turnaround (see attached). She noted the number of protocols reviewed and approved over the last six months, noting 60% of changes to protocols were made via VVC. She summarized IACUC office discussions of possible strategies to avoid last-minute expiring renewals. Spring 2020 ACUC response:
H. Departures from The Guide are identified, discussed, and approved by the ACUC.
Fall 2019 ACUC response: Yes. Ms. [REDACTED] presented a summary of departures from the <i>Guide</i> in protocols approved by the SVM ACUC, noting no significant changes in the number of departures approved from the previous cycle. See attached report. Spring 2020 ACUC response:
I. A mechanism is established for receipt and review of concerns involving the care and use of animals at the institution, including the establishment of a "Whistleblower Policy."
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
J. All minority reports submitted by appointed ACUC members with voting privileges were handled in according with applicable OLAW and USDA regulations.
Fall 2019 ACUC response: No minority reports were submitted in the past six months. Spring 2020 ACUC response:
K. The ACUCs have the authority to suspend animal activities that do not comply with regulations and policies.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
L. The ACUCs submit reports to institutional officials.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
M. The ACUCs advise and make recommendations to the Institutional Official on any aspect of the Program.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
N. The institution backs the authority of the ACUCs.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
O. An effective mechanism exists for direct and frequent communication to ensure that timely and accurate information

is conveyed to the ACUC regarding problems in any Program component.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
P. The ACUCs have adequate administrative support.
Fall 2019 ACUC response: Yes. Support provided by RARC and ARC is highly appreciated. Spring 2020 ACUC response:
Q. Methods exist to monitor and maintain committee activities and effectiveness in support of the Program.
Fall 2019 ACUC response: Yes. Ms. [REDACTED] gave a brief report on post-approval monitoring (PAM) activities, including both routine and directed PAM reviews of protocols, grant-to-protocol congruency reviews, and support provided to SVM PIs answering questions regarding controlled substances. Spring 2020 ACUC response:
R. Procedures exist to identify, communicate, and correct deficiencies.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
S. <i>Other criteria that should be used to evaluate the ACUCs' role in the animal program?</i>
Fall 2019 ACUC response: None. Spring 2020 ACUC response:

(VII). Institutional Official (IO): Each institution must appoint an institutional official, who legally commits the institution to meet all requirements embodied in the AWA, AWRs, and PHS Policy by ensuring that the Program satisfies all performance criteria described in the Guide. The IO has the authority to allocate the resources needed to ensure the program's overall effectiveness (*Guide*, p.13). The Institutional Official must have a working understanding of his/her role in the animal program.

A. The ACUC has not identified any deficiencies in the I.O.'s understanding of Program structure.
Fall 2019 ACUC response: True. As a former ACUC Chair Dr. [REDACTED] understands program structure. Spring 2020 ACUC response:
B. The ACUC believes the IO monitors Program functions, including IACUC activities and membership.
Fall 2019 ACUC response: Yes. Dr. [REDACTED] said she continues to find Dr. [REDACTED] responsive to ACUC-related requests and concerns, and said she regularly attends the All Campus Animal Planning and Advisory Committee meetings. Spring 2020 ACUC response:
C. The ACUC has not identified any deficiencies in the administrative, financial, and legal support for the Program of Animal Care.
Fall 2019 ACUC response: True. Spring 2020 ACUC response:
D. The ACUC believes the IO receives appropriate and timely communications from the ACUC and other members of the Program, and carries out appropriate follow-ups and responses.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
E. The IO has demonstrated authority to enforce Program policies to the ACUC's satisfaction.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
F. Annual and other reports are submitted to federal agencies in a timely manner by the IO.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
G. Methods exist to monitor and evaluate the effectiveness of the IO.

Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
<i>H. Other criteria that should be used to evaluate the IOs' role in the animal program?</i>
Fall 2019 ACUC response: The SVM ACUC has found it beneficial to have the I.O. attend at least one regular meeting each year, and will request that Dr. [REDACTED] continue this practice. Spring 2020 ACUC response:

Sections VIII and IX of this Worksheet are designed for internal self-evaluation purposes only. The institution is not obligated to communicate the findings of these sections to USDA, OLAW, or AAALAC unless those findings identify a program deficiency considered reportable by those agencies.

(VIII). Program Integration. For the Program to be effective, all Program components must function well together.

A. There is a cadre of individuals with expertise and understanding regarding Program components who can evaluate Program adequacy. Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
B. There is strong and well-informed administrative coordination of efforts to support the Program. Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
C. The ACUC believes that within its school/college Program there is effective and timely communication among veterinarians, principal investigators, the Committee, and the school/college administration so that each of these groups can carry out its designated responsibilities. Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
D. The ACUC believes that campus-wide there is effective and timely communication among Program administration, veterinarians, principal investigators, the Committee, and the Institutional Official (IO) so that each of these groups can carry out its designated responsibilities. Fall 2019 ACUC response: Yes. Timely and responsive communication between faculty, administrators, RARC veterinary staff, PIs and research staff, and physical plant staff is demonstrated frequently. Spring 2020 ACUC response:
E. There are sufficient financial, physical, procedural, and human resources to meet Program requirements. Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
F. There is school/college-wide recognition of the need for and practice of compliance; that is, all Program personnel and participants accept that they must follow the rules. Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
G. Methods exist to monitor program integration to ensure that all Program elements function well together. Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
H. Procedures exist to identify, communicate, and correct deficiencies in program integration. Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
I. Other criteria that should be used to evaluate integration of the animal program? Fall 2019 ACUC response: None. Spring 2020 ACUC response:

(IX). Support of the Institutional Mission: The Program must support and enhance the institution's mission in the areas of research, teaching, and outreach that involve living vertebrate animals. Evaluation of the Program must consider whether and how well it fulfills its reason for existence.

A. The animal care program supports research, teaching, and outreach activities that involve animals.
Fall 2019 ACUC response: Yes. Ms. [REDACTED] said that she is piloting a new service to assist new PIs. She has been offering to complete the initial entry of the animal protocol into ARROW for researchers who are transferring a protocol from their prior institution. She said she has assisted nine PIs this year including two from SVM. Spring 2020 ACUC response:
B. The animal care program enhances research, teaching, and outreach activities that involve animals.
Fall 2019 ACUC response: Yes. Contributions of the RARC veterinary and training staff enhance the learning environment for SVM students. Spring 2020 ACUC response:
C. Methods exist to monitor and maintain the effectiveness of the program.
Fall 2019 ACUC response: Yes. Spring 2020 ACUC response:
D. Other criteria that should be used to evaluate the efficiency and efficacy of animal program in fulfilling its mission?
Fall 2019 ACUC response: None. Spring 2020 ACUC response: