Memorandum to:	Dean Patty Zuccarello, IACUC IO				
From:	Institutional Animal Care and Use Committee				
Subject:	Semiannual Report of the Program Review and Facility Inspection, March 28, 2019.				
Date:	April 5, 2019				

This represents the semi-annual report of the Institutional Animal Care and Use Committee (IACUC), as required by the Animal Welfare Act (AWA) regulations, as applicable. Patrick Kelly and Vicki Polito conducted the inspection of both the main campus and Weitendorf facilities. Adverse events and minor deficiencies have been identified and corrections recommended.

#### A. Evaluation of the Animal Care and Use Program

Main Campus: Adverse event: Dog (Prater) No correction required.

Weitendorf Agricultural Center: No concerns noted.

#### **B.** Inspection of the Animal Facilities

Main Campus: Very clean and well organized. Suggestions: Refresh peeling cabinet labels

Weitendorf Center: Overall, clean and very organized. Minor deficiencies:

> Disposed of unlabeled/open colostrum (3/28/19) Update labelling system of enclosures by Fall 2019 semester start Repair fence (by outdoor pens) by 4/5/2019

Repair fence (by outdoor pens) by 4/5/2019 Cover sharp corners of hay feeders by Fall 2019 Servestar Start 4/9/19

#### C. Minority Views

Select A or B:

A. No minority views were submitted or expressed.

B. The following minority views were expressed: [insert minority views here or F 1. attach]

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

Names of IACUC Members Norone-Welson onical ک ATCICK 4 BRAD ANGUS MARY BETH LUNA Eileen McKel

Signatures

### Semi Annual Facility Inspection Checklist

Lege	nd
Α	Acceptable
S	Significant Deficiency
Μ	Minor Deficiency (is or may be a threat to animal health/safety)
N/A	Not Applicable
8	

### Inspectors: Vicky Polito & Patrick Kelly

Date: \_\_\_\_\_<u>3/28/19</u>\_\_\_\_

Location: \_\_\_\_\_Main Campus/Weitendorf Facility (circle one)

Criteria:	Legend	Comment
Location:		
Separation of species	Α	
Separation by disease status	A	3. The second
Security and access control	Α	
Animal Areas facilities:		
Floors	Α	
Drainage	Α	
Walls and ceilings	А	
Temperature and humidity	Α	
Ventilation and air quality	А	
Power and lighting	Α	
Noise control	А	
Primary Enclosure:		
Space meets physiologic, behavioral, and social needs	A	
Durable, nontoxic materials in good repair and no risk of injury	А	
Flooring is safe and appropriate for species	A	
Procedures for routine husbandry are documented	А	
Animal can express natural postures, can turn around, access food and water, and rest away for urine and feces [must]	А	
Dog and cat allowed to exercise and provided human interaction	А	
Agriculture animals are housed socially	N/A	
Food troughs and water devices for agriculture animals allow for all animals	N/A	

Environmental Enrichment, Behavioral and		
Social Management:		
Structures and resources promote species typical behavior	А	
Novelty of enrichment is considered	A	
Habituation to routine procedures is part of enrichment program	А	
Sheltered or Outdoor Housing (e.g. barns, corrals)		P
Weather protection and opportunity for retreat [must]	А	
Appropriate size	A	
Ventilation and sanitation of shelter (no waste/moisture build-up)	A	
Roundup/restraint procedures	A	
Appropriate security	Α	
Adequate food, fresh water, and shelter ensured	А	
Food:		
Contamination prevention	A	
Storage in sealed containers	A	
Expiration date labeling	A	
Vermin control	A	
Rotation of stocks	Α	
Water:	Ť	
Ad libitum unless justified	A	
Emergency, Weekend, and Hollday Animal Care:		
Care provided by qualified personnel every day	Α	
Provision for accessible contact information	A	
Veterinary care available after hours, weekends, and holidays	А	
A disaster plan that takes into account both personnel and animals	А	
Identification:	1	
Cage/rack cards contain required information	A	
Animal Care and Use:		
Direct or delegated authority is given to the veterinarian to oversee all aspects of animal care and use	A	
Protocols (available for review)	A	
Resources necessary to manage program of veterinary care are provided	А	
Program needs are regularly communicated to IO by AV and/or IACUC	Α	

the second se		
Responsibilities for daily animal care and facility management are assigned to specific individual(s) when a full-time veterinarian is not available on site	A	
Training of animals to adapt to restraint is provided	А	
Animals that fail to adapt are removed from program	А	
Continuing education for program staff provided to ensure high quality care and reinforce training	A	
Methods for reporting concerns	A	
Veterinary program offers high quality of care and ethical standards	А	
Veterinarian provides guidance to all personnel to ensure appropriate husbandry, handling, treatment, anesthesia, analgesia, and euthanasia	A	
Veterinary review and oversight of medical and animal use records	A	
Appropriate surveillance, diagnosis, treatment and control of animal diseases	А	
6		

Notes:

-Refresh cabinet labels - some are starting to peel off..

Deficiencies
The deficiencies must be addressed in the time frame indicated. For each deficiency specify the "correct by date". All <b>deficiencies (Significant and Minor)</b> must be corrected and reported to the IACUC when they are complete. Significant deficiencies must be reported to the appropriate regulatory agency.
Significant deficiencies:
None
Minor deficiencies:
None
Suggestions for improvement:
Refresh cabinet labels as they are starting to peel off.

#### Recommendations

No major improvements necessary. Every room was neat and organized. Sanitary protocols were being followed. All animals were content with their space, and all had appropriate food and water accessible. We appreciated the new labeling system for expiration dates for products. Great job!

### Semi Annual Facility Inspection Checklist

Leger	nd
Α	Acceptable
S	Significant Deficiency
M	Minor Deficiency (is or may be a threat to animal health/safety)
N/A	Not Applicable

### Inspectors: <u>Vicky Polito & Patrick Kelly</u>

0-1

Date: \_\_\_\_\_ 3/28/19\_\_\_\_\_

Location: Main Campus/Weitendorf Facility (circle one)

Criteria:	Legend	Comment
Location:		
Separation of species	A	
Separation by disease status	A	
Security and access control	A	
Animal Areas facilities:		
Floors	A	
Drainage	Α	
Walls and ceilings	A	
Temperature and humidity	A	
Ventilation and air quality	A	
Power and lighting	A	
Noise control	A	
Primary Enclosure:		
Space meets physiologic, behavioral, and social needs	A	
Durable, nontoxic materials in good repair and no risk of injury	A	
Flooring is safe and appropriate for species	Α	
Procedures for routine husbandry are documented	A	
Animal can express natural postures, can turn around, access food and water, and rest away for urine and feces [must]	A	
Dog and cat allowed to exercise and provided human interaction	N/A	
Agriculture animals are housed socially	Α	
Food troughs and water devices for agriculture animals allow for all animals	A	

Environmental Enrichment, Behavioral and Social Management:		
Structures and resources promote species		
typical behavior	Α	
Novelty of enrichment is considered	Α	
Habituation to routine procedures is part of enrichment program	А	
Sheltered or Outdoor Housing (e.g. barns, corrals)		
Weather protection and opportunity for retreat [must]	А	
Appropriate size	A	
Ventilation and sanitation of shelter (no waste/moisture build-up)	А	
Roundup/restraint procedures	М	Alley fence needs repair.
Appropriate security	А	
Adequate food, fresh water, and shelter ensured	А	
Food:	-	
Contamination prevention	Α	
Storage in sealed containers	А	
Expiration date labeling	Α	
Vermin control	Α	
Rotation of stocks	Α	
Water:		
Ad libitum unless justified	A	
Emergency, Weekend, and Holidäy Animal Care:		
Care provided by qualified personnel every day	А	
Provision for accessible contact information	Α	
Veterinary care available after hours, weekends, and holidays	А	
A disaster plan that takes into account both personnel and animals	А	
dentification:		
Cage/rack cards contain required information	м	Pen #3 label missing, include more details (# of animals, animal IDs, etc.)
Animal Care and Use:		
Direct or delegated authority is given to the veterinarian to oversee all aspects of animal vare and use	А	
Protocols (available for review)	Α	1
Resources necessary to manage program of	A	
veterinary care are provided		
Program needs are regularly communicated to	A	

and the second s		
IO by AV and/or IACUC		
Responsibilities for daily animal care and facility management are assigned to specific individual(s) when a full-time veterinarian is not available on site	Α	
Training of animals to adapt to restraint is provided	Α	
Animals that fail to adapt are removed from program	А	
Continuing education for program staff provided to ensure high quality care and reinforce training	Α	
Methods for reporting concerns	Α	
Veterinary program offers high quality of care and ethical standards	А	
Veterinarian provides guidance to all personnel to ensure appropriate husbandry, handling, treatment, anesthesia, analgesia, and euthanasia	A	
Veterinary review and oversight of medical and animal use records	А	
Appropriate surveillance, diagnosis, treatment and control of animal diseases	Α	

Notes:

-Colostrum Supplement in the Vet Tech cabinet had a hole in the side of the package, also was not labeled "Display Only."

-Hay Feeder in the lamb pen has sharp corners.

Deficiencies	
The deficiencies must be addressed in the time frame indicated. For each defici	
deficiencies (Significant and Minor) must be corrected and reported to the IAC	CUC when they are complete. Significant
deficiencies must be reported to the appropriate regulatory agency.	
Significant deficiencies:	144
None	
Minor deficiencies:	
-Update pen labeling system	
-Dispose of Colostrum Supplement	
-Fix fence in outside pens -Cover the corners of the hay feeders	
-cover the corners of the hay reeders	
Suggestions for improvement:	
See above.	

### Recommendations

Minor improvements. Overall, the facility was clean and very organized. Of the nearly 50 animals in the livestock wing, every animal had appropriate space and feed/water resources. They were all healthy, besides one scab that had opened up on a lamb that was taken care of. All of the emergency contacts and signage was in a visible location and was updated as of 2019. See our recommendations above.

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Memorandum to:	Dean Patty Zuccarello, IACUC IO	
From:	Institutional Animal Care and Use Committee	
Subject:	Semiannual Report of the Program Review and Facility Inspection, September 24th, 2019.	
Date:	October 16th, 2019	

This represents the semi-annual report of the Institutional Animal Care and Use Committee (IACUC), as required by the Animal Welfare Act (AWA) regulations, as applicable. Dr. Laura Bellinghausen and Eileen McKee conducted the inspection of both the main campus and Weitendorf facilities. Non-compliances and minor deficiencies have been identified and corrections recommended.

### A. Evaluation of the Animal Care and Use Program

#### Main Campus:

Non-compliance: VET 111-3 urinary catheter Correction: program meeting reminder and sanction applied

Non-compliance: Large Animal Nursing protocol MOUs Correction: MOUs on file

Non-compliance: VET 110-9 skin scrapes Correction: Revision of protocol

Concern addressed regarding Natural Sciences SOP. No further action required.

Weitendorf Agricultural Center: No concerns noted.

#### **B.** Inspection of the Animal Facilities

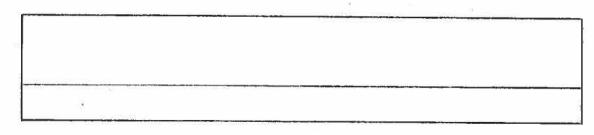
Main Campus: Animal ward cleaning of drains and air vents Completion date: October 14<sup>th</sup>, 2019

Weitendorf Center: No animals on premises. No concerns noted.

#### C. Minority Views

Select A or B:

- A. No minority views were submitted or expressed.
- B. The following minority views were expressed: [insert minority views here or attach]



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

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Names of IACUC Members Signatures Elleen Mikee PATRICH 122 1 15 onica Illaiguez-11 Isan MARY BETH LUNA Bellinghauser LAURA BELINGHAUSEN ura (DLITO ICKY

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Semi Annual Facility Inspection Checklist

		Lege	nd					
		A						
		S	Significant Deficiency					
		м	Minor Deficiency (is or may be a th	nreat to ar	nimal health/safety)			
		N/A						
	Inspectors: Dr. Laur A. Bellinghousen ~ Eleen Mike p Date: 92419 Location: Main Campus/Weitendorf Facility (circle one)							
•								
	Criteria			Legend	Comment			
	Locati							
			f species	A				
			y disease status	A				
			access control	A				
_	Anima	l Areà	s facilities:					
	Floors			n				
	Draina	ge		m	CATWATD - needs cleaned out 4Doch.			
	Walls and ceilings		A	6				
	Tempe	Temperature and humidity						
	Ventila	Ventilation and air quality			(At WARD - reeds. Cleaners_			
	Power	Power and lighting			7			
		oise control		A				
	Primary Enclosure:							
	Space meets physiologic, behavioral, and social needs		A					
	Durabl no risk		toxic materials in good repair and	A				
	the second se		fe and appropriate for species	A				
		lures f	or routine husbandry are	A.				
	Anima around	l can e d, acce	xpress natural postures, can turn ss food and water, and rest away feces [must]	A				
	Dog an humar	nd cat a n intera	allowed to exercise and provided action	A				
¥		Agriculture animals are housed socially		NIA				
5		•	and water devices for agriculture v for all animals	NA				

Environmental Enrichment, Behavioral and	
Social Management:	
Structures and resources promote species typical behavior	A
Novelty of enrichment is considered	AF
Habituation to routine procedures is part of	n
enrichment program	A-
Sheltered or Outdoor Housing (e.g. barns,	
corrais)	
Weather protection and opportunity for retreat	
[must]	
Appropriate size	
Ventilation and sanitation of shelter (no	
waste/moisture build-up)	
Roundup/restraint procedures	
Appropriate security	
Agequate food, fresh water, and shelter ensured	
Food:	
Contamination prevention	A
Storage in sealed containers	
Expiration date labeling	A
Vermin control	Α.
Rotation of stocks	Α
Water:	
Ad libitum unless justified	A
Emergency, Weekend, and Holiday Animal	
Care:	
Care provided by qualified personnel every day	A
Provision for accessible contact information	Α
Veterinary care available after hours,	0
weekends, and holidays	Ar
A disaster plan that takes into account both	٨
personnel and animals	A
Identification:	
Cage/rack cards contain required information	A
Animal Care and Use:	
Direct or delegated authority is given to the	A
veterinarian to oversee all aspects of animal	/1
care and use	
Protocols (available for review)	A
Resources necessary to manage program of	A
veterinary care are provided	
Program needs are regularly communicated to	K I
IO by AV and/or IACUC	

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Responsibilities for daily animal care and facility management are assigned to specific individual(s) when a full-time veterinarian is not available on site	1	Que -
Training of animals to adapt to restraint is provided	A	
Animals that fail to adapt are removed from program	A	
Continuing education for program staff provided to ensure high quality care and reinforce training	A	
Methods for reporting concerns	A	
Veterinary program offers high quality of care and ethical standards	A	
Veterinarian provides guidance to all personnel to ensure appropriate husbandry, handling, treatment, anesthesia, analgesia, and euthanasia	A	2
Veterinary review and oversight of medical and animal use records	A	
Appropriate surveillance, diagnosis, treatment and control of animal diseases	A	
	-	
	2	

Notes:

Deficiencies The deficiencies must be addressed in the time frame indicated. For each deficiency specify the "correct by date". All deficiencies (Significant and Minor) must be corrected and reported to the IACUC when they are complete. Significant deficiencies must be reported to the appropriate regulatory agency. Significant deficiencies: NENTS + drains need cleaning Minor deficiencies: **Suggestions for improvement:** 

CAT CASE tunnels	

### Semi Annual Facility Inspection Checklist

	Lege	nd		-0)		
	A	Acceptable				
S Significant Deficiency						
M Minor Deficiency (is or may be a the N/A Not Applicable			hreat to an	hreat to animal health/safety)		
			e + Dr. Laura Bellinghauser			
•	mspc					
	Date:	9/24/10				
			a			
	Locat	ion: <u>Main Campus/Weitendo</u>	orf Facility	(circle one)		
riteri	CONTRACTOR OF		Legend	Comment		
ocatio	1000					
		species	R.	NO AT LANS		
_		y disease status	'YZF	NO K. JAN'S		
		access control	12x			
	l Areas	facilities:				
oors			P			
raina			A			
	nd cei		A			
		and humidity	Pr			
		nd air quality	Pr			
	and lig		A			
	ontrol		A			
		osure:				
eeds		physiologic, behavioral, and social	P			
	e, nont of inju	oxic materials in good repair and ry	A			
oorin	g is saf	e and appropriate for species	A			
Procedures for routine husbandry are documented			4			
Animal can express natural postures, can turn			n			
around, access food and water, and rest away for urine and feces [must]			A			
	Dog and cat allowed to exercise and provided uman interaction					
og an		•	NIA			
og an man	intera	•	NIA			
og an Iman gricul	intera ture an	ction	NIA A A			

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Environmental Enrichment, Behavioral and	6	
Social Management:		
Structures and resources promote species typical behavior	A	
Novelty of enrichment is considered	A	
Habituation to routine procedures is part of enrichment program	A	
Sheltered or Outdoor Housing (e.g. barns, corrals)		
Weather protection and opportunity for retreat [must]	A	
Appropriate size	Δ	
Ventilation and sanitation of shelter (no		
waste/moisture build-up)	A	
Roundup/restraint procedures	MA	
Appropriate security	A	
Adequate food, fresh water, and shelter	Δ.	
ensured	A	
Food:		
Contamination prevention	A	
Storage in sealed containers	A	
Expiration date labeling	A	
Vermin control	A	
Rotation of stocks	A	
Water:		
Ad libitum unless justified	A	
Emergency, Weekend, and Holiday Animal Care:		~
Care provided by qualified personnel every day	A	
Provision for accessible contact information	A	
Veterinary care available after hours,	A	
weekends, and holidays A disaster plan that takes into account both		
personnel and animals	A	
Identification:	1	
Cage/rack cards contain required information	A	
Animal Care and Use:	17	
Direct or delegated authority is given to the	ĺ	
veterinarian to oversee all aspects of animal	A	
care and use	π	
Protocols (available for review)	A	
Resources necessary to manage program of		purchase goat med
veterinary care are provided	$ \Delta $	Porter June Port
Program needs are regularly communicated to	A	
IO by AV and/or IACUC		

Responsibilities for daily animal care and facility management are assigned to specific individual(s) when a full-time veterinarian is not available on site	A	
Training of animals to adapt to restraint is provided -	NA	
Animals that fail to adapt are removed from program	NA	
Continuing education for program staff provided to ensure high quality care and reinforce training	A	
Methods for reporting concerns	A	
Veterinary program offers high quality of care and ethical standards	A	
Veterinarian provides guidance to all personnel to ensure appropriate husbandry, handling, treatment, anesthesia, analgesia, and euthanasia	A	
Veterinary review and oversight of medical and animal use records	A	See front ps.
Appropriate surveillance, diagnosis, treatment and control of animal diseases	A	
	5	

Notes:

Deficiencies	
	ne indicated. For each deficiency specify the "correct by date". All ted and reported to the IACUC when they are complete. Significant gulatory agency.
Significant deficiencies:	
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12 II.	
Minor deficiencies:	
-0-	
Suggestions for improvement:	
Ð	

No Animials currently Removed expired drugs (correctly labelled As Do not Recommendations use)