



MEMORANDUM TO: Frank Einhellig, PhD, Provost, Institutional Official

FROM: Institutional Animal Care & Use Committee

SUBJECT: Semiannual Evaluation of Animal Care & Use Program and Inspection of Facilities

DATE: August 13, 2019

This semiannual report of the Institutional Animal Care & Use Committee (IACUC) covers the period February 12, 2019 to August 11, 2019. It is a part of Missouri State University's continuing compliance with the requirements of the following: the PHS Policy on Humane Care & Use of Laboratory; as a condition of this Institution's Animal Welfare Assurance on file with the NIH Office of Laboratory Animal Welfare (OLAW); the *Guide for the Care and Use of Laboratory Animals (Guide)*; and USDA Animal Welfare Act Regulations, 9 CFR Chapter I, subchapter A, as applicable.

The following is a brief summary of changes that have occurred in Missouri State University's program for animal care and use since the last review:

- Because the new Cayuse on line submission system was still not ready for full implementation, a new system, LabTracks, is currently being implemented.

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

Departures from the PHS Policy, the Guide, and the AWA:
There were no departures during this reporting period.

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

Animal Care and Use Program Review Date(s):
August 11, 2019 (for the period of February 12, 2019 to August 11, 2019)

III. Deficiencies in the Institution's Animal Facility

Animal Facility Inspection Date(s):
July 30, 2019 – Journagan Ranch, Shealy Farm, Bull Shoals Field Station, and Mountain Grove campus (no animals present at Mountain Grove campus)

July 29, 2019 – All Springfield main campus facilities and laboratories, Darr, Jordan Valley Innovation Center

Specific deficiencies are noted in the Table below. The individual facility and laboratory inspections are available through the Office of Research Administration; more details can be found in the individual inspection reports.

Deficiency Category*	✓	Location	Deficiency & Plan for Correction	Responsible Party	Correction Schedule & Interim Status	Completed
M		Darr (Webb, Sissel, Sukovaty, Lancaster)	Food: records unavailable, vendor quality control records unavailable, need expiration dates, vermin control-mouse traps placed improperly. Record Keeping: equine animal records not available past March 2019, transfer records unavailable. Lab space cluttered, needs cleaned	PIs	ASAP, Lacy Sukovaty got details of what needs done and will talk with Darr staff.	
M		Darr 106, 109, 110, shed (Webb, Sissel, Sukovaty, Lancaster)	Expired drugs in fridge. Penicillin expired and unlabeled, no sharps disposal. Lab and arena need to be cleaned.	PIs	ASAP	
M		Temple Vivarium AHR 1 (Barnhart, Mathis)	Tanks need new labels, no water quality records	PI	ASAP	
S	✓	Temple Vivarium AHR 1 (Goerndt)	Sink is not ADA compliant	Vivarium Manager	ASAP, Discussions and repairs are ongoing.	
M		Temple Vivarium AHR 2 (Barnhart, Mathis)	No water quality records	PI	ASAP	
M		Temple 011, basement aquatic lab (Barnhart)	No active protocols posted	PI	ASAP	
M		Temple 261-265 (Udan)	Need adequate records of anesthesia and perioperative care	PI	ASAP	
M		PROF 330 (Wang, Ulbricht, Zimmerman, Timson, Allen)	Needs appropriate drug storage, control, and expiration date monitoring. CO2 cylinder needs flow meter.	PI	ASAP, Goerndt (facility manager) is looking into CO2 going into PROF prep room.	
M		JVIC Vivarium Surgical Room (Durham, Goerndt)	Improper labeling of control drug and drug log.	PI	ASAP	
M		Bull Shoals Field Station (Reed, J. Greene)	No record of what is used for euthanasia.	PI	ASAP, Brian Greene is talking with the field station staff.	
M		Bull Shoals Field Station (Reed, J. Greene)	Protocols not posted	PI	ASAP, Brian Greene is talking with the field station staff.	
M		Journagan Ranch (Lueck)	Expired drugs, no label on drugs. Improper storage of drugs, meds and sharps. Clean and organize drug storage area.	PI	ASAP	
<p>*S = significant deficiency (a significant deficiency is or may be a threat to animal health or safety) M = minor deficiency C = change in program ✓ Check if repeat deficiency</p>						

IV. Minority Views

Minority Opinion statement of Semiannual Review

- None

V. Status of AAALAC Accreditation

Not applicable.

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

Names of IACUC Members	Signatures
Brian Greene	Brian Greene
Johnna N Pedersen	Johnna N Pedersen
Michael D. Stafford DVM	Michael D. Stafford
Lacy Sukowaty	Lacy Sukowaty
D. WAYNE MITCHELL	D. Wayne Mitchell
Harold Bengsch	Harold Bengsch