

Annual Report to OLAW

Institution: Virginia Polytechnic Institute and State University (Virginia Tech)
Assurance Number: D16-00131 (A-3208-01)
Reporting Period: January 1, 2019 to December 31, 2019

This institution's Institutional Animal Care and Use Committee (IACUC), through the Institutional Official, provides this annual report to the Office of Laboratory Animal Welfare (OLAW).

I. Program Changes *[Select A or B]*

- ☐ A. There have been **no changes** in this institution's program for animal care and use as described in the Assurance. *[Skip to Item II.]*
- ☒ B. Change(s) in this institution's program for animal care and use as described in the Assurance have occurred during this reporting period. *(FAQ 6)*

Select all that apply:

- ☐ This institution's AAALAC accreditation status has changed *(PHS Policy IV.A.2.)*.
- ☐ AAALAC Accredited – Category 1
- ☐ Non-Accredited – Category 2
- ☒ This institution's program for animal care and use has changed *(PHS Policy IV.A.1.a-i.)*.
[Attach a full description of the changes.]
- ☒ The individual designated by this institution as the Institutional Official has changed.
[Provide name, title(s), address, e-mail, phone, and fax numbers in Item V.]
- ☒ The membership of this institution's IACUC has changed. *[Provide current roster of members in Item VI.]*

II. Semiannual Evaluations

This IACUC has conducted semiannual evaluations of the institution's program and inspections of the institution's facilities (including satellite facilities) on the dates below. Reports of the evaluations and inspections have been submitted to the Institutional Official. The reports include any IACUC-approved departures from the *Guide* with a reason for each departure, any deficiencies (significant or minor) that were identified, and a plan and schedule for correction of each deficiency. *[Do not provide semiannual reports unless they include a minority view.]*

A. Program Evaluations

[Two dates (month/day/year) must be provided to satisfy the PHS Policy requirement that evaluations be done at 6 month intervals. If the IACUC conducted more than 2 evaluations of the program during the reporting period, please attach a list showing the dates.]

Date 1: May 16, 2019	Date 2: November 21, 2019
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B. Facility Inspections

[Two dates (month/day/year) must be provided to satisfy the PHS Policy requirement that facility inspections be done at 6 month intervals. If the IACUC conducted more than 2 inspections of each site during the reporting period, please attach a list showing the dates.]

Date 1: March 6, 7, 13, 14, 19 and 21, 2019 and April 1, 2, 3, 4, 8, 9 and 10, 2019	Date 2: September 3, 4, 11, 12, 16 and 17 2019 and October 1, 2, 3, 8, 9, 14, 15 and 30, 2019 *One space, Suite 1089, at FBRI was not inspected until November 1, 2019 due to ongoing experiments and scheduling conflicts.
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III. Minority Views [Select A or B]

- ☒ B. There were **no minority** views during this reporting cycle.
- ☐ B. Any minority views submitted by members of the IACUC regarding reports filed under PHS Policy IV.F. for this reporting cycle are attached.

IV. Signatures

IACUC Chairperson	Institutional Official
Name: Rob Rhoads Jr.	Name: G. Don Taylor
Signature: (b) (6)	Signature: (b) (6)
Date: 1/17/2020	Date: 1/17/2020

V. Change in Institutional Official

Name: G. Don Taylor	
Title: Interim Vice President of Research and Innovation	Degree/Credential: Ph.D.
Name of Institution: Virginia Polytechnic Institute and State University (Virginia Tech)	
Address: [street, city, state, zip code] (b) (4) Steger Hall (0244) 1015 Life Science Circle Blacksburg, VA 24061	
E-mail: don.taylor@vt.edu	
Phone: (b) (6)	Fax: (b) (6)

VI. Change in IACUC Membership [Current roster]

Institution: Virginia Polytechnic Institute and State University (Virginia Tech)			
IACUC Contact Information			
Address: [street, city, state, zip code] Scholarly Integrity and Research Compliance 300 Turner Street NW, (b) (4) (MC 0497) Blacksburg, VA 24061			
E-mail: IACUCadmin@vt.edu			
Phone: (b) (6)		Fax: (b) (6)	
IACUC Chairperson			
Name: Rob Rhoads Jr.			
Title: Professor, Animal & Poultry Sciences		Degree/Credentials: BA/MS/PhD	
PHS Policy Membership Requirements***:			
IACUC Roster [Provide below or attach]			
Name of Member/ Code*	Degree/ Credential	Position Title/ Occupational Background**	PHS Policy Membership Requirements***
(b) (6)			Scientist
			Scientist
			Nonscientist
			Scientist
			Scientist
			Scientist
			Scientist
			Scientist
			Scientist
			Scientist
			12 (Dave Schabdach)
(b) (6)			Nonscientist/Non-affiliated
			Scientist
			Scientist
			Scientist
(b) (6)			Scientist
			Scientist
			Scientist
			Scientist
Name of Alternate Member/ Code*	Degree/ Credential	Position Title/ Occupational	PHS Policy Membership Requirements***

(b) (6)	
	Scientist
	Scientist
	Scientist
	Scientist
	Scientist
	Scientist
	Scientist
	Scientist
	Scientist
	Scientist
	Scientist
	Scientist
	Scientist
	Scientist
	Scientist

* Names of members, other than the chairperson and veterinarian, may be represented by a number or symbol in this report to OLAW. Sufficient information to determine that all appointees are appropriately qualified must be provided and the identity of each member must be readily ascertainable by the institution and available to authorized OLAW or other PHS representatives upon request.

** List specific position titles for all members, including nonaffiliated (e.g., banker, teacher, volunteer fireman; not "community member" or "retired").

*** PHS Policy Membership Requirements:

<i>Veterinarian</i>	veterinarian with training or experience in laboratory animal science and medicine or in the use of the species at the institution, who has direct or delegated program authority and responsibility for activities involving animals at the institution.
<i>Scientist</i>	practicing scientist experienced in research involving animals.
<i>Nonscientist</i>	member whose primary concerns are in a nonscientific area (for example, ethicist, lawyer, member of the clergy).
<i>Nonaffiliated</i>	individual who is not affiliated with the institution in any way other than as a member of the IACUC, and is not a member of the immediate family of a person who is affiliated with the institution. This member is expected to represent general community interests in the proper care and use of animals and should not be a laboratory animal user. A consulting veterinarian may not be considered nonaffiliated.

[Note: all members must be appointed by the CEO (or individual with specific written delegation to appoint members) and must be voting members. Non-voting members and alternate members

must be so identified.]

I. Addendum to 2019 CY Annual Report to OLAW

In accordance with the instructions in Section I.B (Program Changes) of the Annual Report to OLAW, provided, in the following pages, is a description of the changes to Virginia Tech's program for animal care and use that was described in our approved Assurance.

The changes are summarized as follows:

1. Addition to Sections Vet III.B: new Attending Veterinarian (note we included information in last year's report though the official start date was not until January 7, 2019).
2. Updated X: Other Key Contacts.

Changes to Approved Assurance

III. Institutional Program for Animal Care and Use

B. The qualifications, authority, and percent of time contributed by the veterinarian(s) who will participate in the program are as follows:

1. Update: David Schabdach, DVM, MS, DACLAM – Attending Veterinarian

Qualifications:

Education / Degrees:

- D.V.M. Virginia-Maryland Regional College of Veterinary Medicine, Blacksburg, VA
- M.S., Laboratory Animal Medicine, NIH Fellowship, the Milton S. Hershey College of Medicine, The Pennsylvania State University, Hershey, Pennsylvania
- B.S.A., Biology, University of Georgia, Athens, Georgia

Board Certification:

- Diplomate, ACLAM.

Experience:

- Dr. Schabdach has 28 years of laboratory animal veterinary medicine and IACUC experience providing medical, surgical, and multidiscipline research for studies utilizing rodents, dogs, nonhuman primates, and a variety of other species in commercial and academic environments.

Authority:

As Attending Veterinarian, Dr. Schabdach has *direct* program authority and responsibility for the Institution's animal care and use program and has access to all animals. He is responsible for ensuring that "adequate veterinary care" is provided to all animals used in teaching and research at Virginia Tech, including but not limited to:

- ensuring the provision of adequate veterinary care consistent with current professional standards in the areas of

- preventive medicine,
- disease surveillance, diagnosis, treatment, and control,
- management of protocol related animal concerns,
- anesthesia and analgesia,
- surgery and perioperative care, and
- animal welfare and well-being;
- ensuring that clinical veterinary records are maintained in accordance with federal regulations, industry guidelines, and institutional requirements;
- providing oversight for animal biosecurity to meet the institutional needs including preventive health programs, monitoring animal colony health, and assessing animal sources and suppliers;
- ensuring that euthanasia is conducted in a humane manner and consistent with the current AVMA euthanasia guidelines;
- providing oversight for animal housing and husbandry practices;
- consulting with PIs on animal model selection and development, experimental techniques, and available alternatives;
- advising investigators on the appropriate use of anesthesia, analgesia, and other methods to relieve or reduce pain and distress; and
- collaborating with Environmental Health and Safety to ensure personnel safety when working with animals and performing IACUC approved experimental procedures, including the use of hazardous materials.

Time contributed to program:

Dr. Schabdach is a full-time employee at Virginia Tech, devoting 100% effort to the animal care and use program.

X. Other Key Contacts:

1. Contact Information for Attending Veterinarian:

Dr. David Schabdach
 Title: Attending Veterinarian
 Phone: (b) (6)
 Email: dschab85@vt.edu