

## Annual Report to OLAW

Institution: Boston University
Assurance Number: D1600204 (A3316-01)
Reporting Period: October 1, 2020 - September 30, 2021

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.

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: 12/1/20	Date 2: 6/1/21
-----------------	----------------

## 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: 10/8/2020 - 1/20/21	Date 2: 3/4/2021 - 6/22/21
-----------------------------	----------------------------

## III. Minority Views *[Select A or B]*

- ☒ A. 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: Shannon Fisher	Name: Kathryn Mellouk
Signature:  (b) (6)	Signature:  (b) (6)
Date: 11/29/21	Date: 11/30/21

## V. Change in Institutional Official

Name:	
Title:	Degree/Credentials:
Name of Institution:	
Address: <i>[street, city, state, zip code]</i>	
Phone:	Fax:
E-mail:	

## VI. Change in IACUC Membership [*Current roster*]

<b>Institution: Boston University</b>			
<b>IACUC Contact Information</b>			
Address: [ <i>street, city, state, zip code</i> ] 85 East Newton Street, (b) (4) Boston, MA 02118			
E-mail: IACUC@bu.edu			
Phone: (b) (6)		Fax: (b) (6)	
<b>IACUC Chairperson</b>			
Name: Shannon Fisher			
Title: Associate Professor, Pharmacology		Degree/Credentials: MD, PhD	
PHS Policy Membership Requirements***: Scientist			
<b>IACUC Roster</b> [ <i>Provide below or attach</i> ]			
Name of Member/ Code*	Degree/ Credentials	Position Title/ Occupational Background**	PHS Policy Membership Requirements***
Steven Niemi	DVM, DACLAM	Director, Animal Science Center	Attending Veterinarian
(b) (6)			Scientist; Vice Chair
			Scientist; Vice Chair
			Nonaffiliated / Nonscientist
			Nonaffiliated / Nonscientist
			Scientist
			Scientist
			Scientist
			Scientist
			Veterinarian
			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 (e.g., 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 or former user. A consulting veterinarian may not be considered nonaffiliated.

*[Note: all members must be appointed by the Chief Executive Officer (or individual with specific written delegation to appoint members) and must be voting members. Non-voting members and alternate members must be so identified.]*

## Statement of Burden

Public reporting burden for this collection of information is estimated to average 90 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to: NIH, Project Clearance Branch, 6705 Rockledge Drive, MSC 7974, Bethesda, MD 20892-7974, ATTN: PRA (0925-0765). Do not return the completed form to this address.

## Section I. B. Program changes

During this reporting period, the IACUC approved a policy for Veterinary Verification and Consultation (VVC) to describe significant changes that can be handled administratively by a veterinarian authorized by the IACUC according to current IACUC-approved guidance.

The significant changes eligible for review by VVC include changes in:

- Anesthesia, analgesia, and sedatives: Changes to dose, route of administration, concentration, volume for drugs already approved on the protocol or change to another drug and dose listed in the IACUC-approved formulary.
- Experimental substances: Addition/deletion of substance, adjustment in dose, formulation, or route of administration provided conditions of IACUC policy Use of Pharmaceutical Grade and Non-pharmaceutical grade Substances in Vertebrate Animals are met. Addition of or change to a nonpharmaceutical grade agent requires justification will not be authorized by VVC but rather reviewed as described in Part III D. 6 above.
- Euthanasia: Change to any method acceptable or acceptable with conditions (provided conditions are met) in the current AVMA Guidelines for the Euthanasia of Animals.
- Duration, frequency, type, or number of procedures performed on an animal: Minor procedural changes may be authorized provided that, in the judgment of the VVC veterinarian, the change will not increase pain or distress or negatively impact animal welfare, is consistent with current veterinary standards of practice, and is contained in IACUC-approved policy. New procedures will not be added by VVC.
- Other changes to be handled by VVC as described in IACUC policy Veterinary Verification and Consultation (VVC) include increase in animal numbers up to 10% of original approved number for protocols not regulated by USDA, addition of strains with no adverse phenotypes for species not regulated by USDA, and minor change of standard diet or treat consistent with original protocol goals and from an approved commercial vendor.

The authorized veterinarian will confirm that the proposed change is eligible for VVC, verify that the proposed change falls within current (i.e., reviewed and approved within last 3 years) IACUC-approved policy or guidance, and that the change is appropriate for the animals under the specific circumstances. If the change is eligible for VVC, falls within current IACUC-approved guidance documents, and is appropriate for the animals, the change may be authorized. If not, the following actions may be taken:

- Request revision to the existing proposed change if it falls within the scope of the policy
- Defer the request to DMR/FCR

VVC was implemented on 11/5/21 once the process was set up in the software and personnel were trained.