

Annual Report to OLAW

Institution: Massachusetts Institute of Technology
Assurance Number: A3125-01
Reporting Period: 10/1/2020 – 9/30/2021

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. ([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: 2/6/2021	Date 2: 8/5/2021
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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: see attached	Date 2: see attached
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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: Howard Heller	Name: Maria T. Zuber
Signature:  (b) (6)	Signature:  (b) (6)
Date: 11/24/2021	Date: 12/01/2021

V. Change in Institutional Official

Name: n/a	
Title:	Degree/Credential:
Name of Institution:	
Address: [street, city, state, zip code]	
E-mail:	
Phone:	Fax:

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VI. Change in IACUC Membership [Current roster]

Institution: Massachusetts Institute of Technology			
IACUC Contact Information			
Address: [street, city, state, zip code] Committee on Animal Care 16-408, 77 Massachusetts Avenue Cambridge, MA 02139			
E-mail: cacpo@mit.edu			
Phone: (b) (6)	Fax: (b) (6)		
IACUC Chairperson			
Name: Howard Heller			
Title: Physician		Degree/Credentials: MD	
PHS Policy Membership Requirements***: nonscientist			
IACUC Roster [Provide below or attach]			
Name of Member/ Code*	Degree/ Credential	Position Title/ Occupational Background**	PHS Policy Membership Requirements***
Kelly Metcalf Pate	DVM, PhD, DACLAM	Professor and Director, Division of Comparative Medicine (DCM); Professor of Biological Engineering	Attending Veterinarian
(b) (6)			V
			V
			S
			S
			S
			S
			NS
			NS
			NA, NS

	(b) (6)	V, Alternate for OF
		V, Alternate for (b) (6)
	(b) (6)	V, Alternate for (b) (6)
	(b) (6)	V, Alternate for (b) (6)
	(b) (6)	V, Alternate for (b) (6)
	(b) (6)	V, Alternate for (b) (6)
	(b) (6)	S, Alternate for NP

* 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.]

Attachment

I. PROGRAM CHANGES

The application for renewal of MIT's Animal Welfare Assurance for Domestic Institutions was submitted to OLAW on 6/1/2021 and has undergone subsequent revisions as requested by (b) (6) on 8/18/2021 and 10/15/2021 and 11/16/2021. The application renewal is currently still in process.

II. SEMIANNUAL EVALUATIONS

This IACUC has conducted semiannual inspections of the Institution's facilities (including satellite facilities) on the following dates. Reports of the inspections have been submitted to the Institutional Official. If significant and/or minor deficiencies were identified, a plan and schedule for correction of each was included in the reports.

II.B. Facility Inspections:

Facility	(1) Inspection Date	(2) Inspection Date
(b) (4)	3/8/21	9/22/21
	1/27/21	7/22/21
	2/10/21	8/11/21
	2/18/21	8/26/21
	1/20/21	7/7/21
	3/15/21	9/9/21
	10/14/20	4/15/21
	4/23/21	N/A ³
	11/2/20 & 11/3/20	5/12/21
	11/2/20 & 11/3/20	5/19/21
	1/27/21	7/12/21
	10/20/20	5/25/21

*These holding areas for fish¹ and finches² are operated by Principal Investigators with CAC and DCM approval and oversight.

³This facility was previously under renovation and its semiannual visit schedule has shifted after reopening earlier this year.

In addition to the animal facility inspections identified above, surgery and procedure areas managed by principal investigators were inspected. Reports of all inspections were prepared in accordance with the requirements of Section IV.B.3 of the PHS Policy, and those completed between 10/1/2020 and 3/31/2021 were reported to Professor Maria T. Zuber, Institutional Official, on 6/3/2021; those completed 4/1/2021 through 9/30/2021 were submitted to the IO on 11/24/2021.

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