

ANNUAL REPORT TO OLAW

INSTITUTION: Smithsonian Institution	
REPORTING PERIOD: 10/01/2020 – 09/30/2021	ASSURANCE NUMBER: D16-00392 (A3655-01)

The Smithsonian Institution's program for activities involving animals covered by Assurance D16-00392 (A3655-01) is composed of four Animal Care and Use Committees (ACUC) reporting to the Deputy Under Secretary for Collections & Interdisciplinary Support who acts as Institutional Official (IO). The committees are maintained at the following sites:

- (1) National Museum of Natural History (NMNH), Washington, DC
- (2) National Zoological Park (NKP), Washington, DC
- (3) Smithsonian Environmental Research Center (SERC), Edgewater, MD
- (4) Smithsonian Tropical Research Center (STRI), Republic of Panama

The Institutional Official hereby provides information from the four ACUCs in this Annual Report to the Office of Laboratory Animal Welfare (OLAW).

1. PROGRAM CHANGES (Select A. or B. only)

☐ A. There have been **no changes** in this Institution's program for animal care and use as described in the Assurance (Go to Item 2.)

☒ 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.).

The **entire** animal care and use program is now:

☐ [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). See Attachment A, describing update to Assurance.

☐ **The individual designated by this Institution as the Institutional Official has changed.**

☒ **The membership of the IACUC has changed.**
See Attachments, A-1 through A-4.

2. SEMIANNUAL EVALUATIONS

The Smithsonian ACUCs conducted semiannual evaluations of the Institution's program on the dates recorded below. Reports of the evaluations have been submitted to the Institutional Official through the Research Compliance Officer.

A. Program Evaluations: Two dates (month/day/year) are provided to satisfy the Policy requirement that evaluations be done at six-month intervals.

	Date 1:	Date 2:
NMNH	03/17/21	09/14/21
NZP	2/25/21 + 4/22/21	9/16/21 + 9/30/21
SERC	3/11/21	9/02/21
STRI	5/04/21	9/01/21

B. Facility Inspections: Facility inspections were not re-started in each unit until the first dates shown below, due to COVID-19 contact safety restrictions and as approved by OLAW waiver of 04/03/2020. Captive animals are being cared for throughout the crisis. IACUC inspections of animal facilities resumed for each unit in FY2021 as soon as the Institution deemed conditions safe to minimize any transmission of disease between staff or from staff to animals.

	Date 1:	Date 2:
NMNH	3/22/21	No captive PHS-/NSF funded research animals
NZP	11/02/20 – 1/13/21	5/10/21 – 6/21/21
SERC	No captive animals	9/01/21
STRI	Panama restrictions prevented inspections	9/02/21 – 9/08/21

3. MINORITY VIEWS

Any minority views submitted by members of the IACUC regarding reports filed under Section IV.F. of the PHS Policy for this reporting cycle are attached.

No minority views were reported in 2021.

4. NASA Supported Animal Research. The Smithsonian Institution does not receive NASA funding for nor utilizes the International Space Station for research involving live vertebrate animals.

Signatures of Chairpersons are on Attachments A-1 through A-4.

(b) (6)

Institutional Official
Scott Miller, Chief Scientist
Date 11/30/2021

ANIMAL CARE AND USE COMMITTEE (ACUC) -- Membership Form

National Museum of Natural History

Date: 24 Sep 2021

Assurance Number: D16-00392(A3655-01)

Chairperson name and degree/credentials		Title, address, phone, and fax numbers of Chairperson			
Brian K. Schmidt BS, University of Puget Sound, 1991		Title: Museum Specialist			
		Address: Division of Birds, MRC 116 PO BOX 37012 Washington DC 20013-7012			
		Phone: (b) (6)		Fax: (b) (6)	
Name of Member	Degree/ Credentials	Position Title	Veterinarian/Scientist/ Non-Scientist	Smithsonian Affiliation	
				Yes	No
Doug Powell	DVM	Attending Veterinarian	Veterinarian	XX	
			(b) (6) Scientist	XX	
			Senior Scientist	XX	
			Scientist	XX	
			Non-Scientist	XX	
			Non-Scientist		XX

Signatures

A majority of the members of the IACUC must sign the report:

Brian K. Schmidt, Chairman

(b) (6)

Date: 24 Sep 2021

Douglas Powell, DVM

(b) (6)

Date: 24 Sep 2021

Date: 24 Sep 2021

Date: 24 Sep 2021

Date: 24 Sep 2021

Date: 24 Sep 2021

Date: 24 Sep 2021

Date: _____

ANIMAL CARE AND USE COMMITTEE (ACUC) -- Membership Form

Smithsonian's National Zoological Park

Date: 9/28/21

Assurance Number: D16-00392(A3655-01)

Chairperson name and degree/credentials		Title, address, phone, and fax numbers of Chairperson					Date Appointed
Name Pierre Comizzoli Ph.D. Université de Tours 2000		Title: Research Biologist					Chair 7/1/2018
		Address: Center for Species Survival Smithsonian Conservation Biology Institute National Zoological Park Washington, DC 20008					Member 10/19/2006
		Phone: (b) (6)					Fax:
(b) (6)							
Name of Member	Degree/ Credentials	Position Title	Veterinarian/Scientist/		Smithsonian Affiliation		Date Appointed
			Non-Scientist		Yes	No	
(b) (6)			NS			X	6/26/2014
			S		X		9/15/2017
			S		X		3/8/2019
			S		X		4/26/2021
			NS		X		2/4/2019
			S		X		1/27/2021
			S		X		8/7/2019
			Kelly Helmick	DVM	Head Veterinarian SCBI	VET	
(b) (6)			S		X		11/25/2013
			S		X		8/20/2015
			S		X		1/20/2011
			S			X	1/21/2011
			NS		X		3/8/2019
			S		X		3/8/2019
			S			X	1/1/2017
			S		X		3/15/2016
			S		X		9/17/2018
			S		X		9/19/2018
			S		X		1/29/2018
			S		X		9/15/2017

Signatures – ACUC Research Subcommittee meeting minutes September 2021

Pierre Comizzoli, Chair

(b) (6)

Kelly Helmick

(b) (6)

(b) (6)

date 09/30/2021

date 09/30/2021

date 09/30/2021

date 09/30/2021

date 09/30/2021

date 09/30/2021

date 09/30/2021

date 09/30/2021

date 09/30/2021

*Non-voting members

The ACUC Facilities and Welfare Concerns Subcommittee Members who participated in the meeting on September 16, 2021 are indicated below. All participants indicated their approval of the Spring/Summer 2021 Semi-Annual Checklist.

Dr. Elizabeth Herrelko *PARTICIPATED VIA VIDEO CONFERENCE*
Chair, NZP



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Date	9/16/21

^non-voting
 participants

ANIMAL CARE AND USE COMMITTEE (ACUC) -- Membership Form

SERC

Date: 09-01-2021

Assurance Number: D16-00392 (A3655-01)

Chairperson name and degree/credentials		Title, address, phone, and fax numbers of Chairperson		Smithsonian Affiliation	
Robert Aguilar M.S. NC State University, 2003 B.S. Stockton University, 1998		Title: Biologist (Fisheries Conservation)		Yes	No
		Address: SERC 647 Contees Wharf Road Edgewater, MD 21037		X	
		Phone: (b) (6)	Fax: (b) (6)		
Name of Member	Degree/ Credentials	Position Title	Veterinarian/Scientist/ Non-Scientist	Smithsonian Affiliation	
				Yes	No
Dr. Glenn Gray	DVM	Veterinarian	Veterinarian		X
(b) (6)			Scientist (Terrestrial Ecologist)	X	
			Scientist - Community Member		X
			Non-scientist (Education)	X	
			Scientist (Marine Invasions)	X	
			Scientist (Marine Disease Ecology)	X	
			Non-Scientist - Community Member		X

Signatures

Robert Aguilar, Chair

(b) (6)

Date: __ 09/02/21 __

Date: __ 09/02/21 __

Dr. Glenn Gray

(b) (6)

Date: __ 09/02/21 __

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ANIMAL CARE AND USE COMMITTEE (ACUC) -- Membership Form
Smithsonian Tropical Research Institute

Date: October 1, 2021

Assurance Number: D16-00392 (A3655-01)

Chairperson name and degree/credentials		Title, address, phone, and fax numbers of Chairperson			
Rachel Page PhD in Ecology, Evolution and Behavior Section of Integrative Biology 2008		Title: Staff Scientist			
		Address: Smithsonian Tropical Research Institute 9100 Panama City PI Washington DC 20521-9100, USA			
		Phone: (b) (6)		Fax: (b) (6)	
Name of Member	Degree/ Credentials	Position Title	Veterinarian/Scientist/ Non-Scientist	Smithsonian Affiliation	
			(b) (6) Scientist	Yes X	No
			Scientist	X	
			Member	X	
Lorena Fabrega	DVM	Veterinarian	Veterinarian	X	
			(b) (6) Scientist		X
			Scientist	X	
			Non-scientist	X	
			Scientist	X	
			Scientist	X	
			Scientist	X	
			Scientist	X	

Signatures

(Rachel Page, Chair)



(b) (6)

Date: October 1, 2021

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(Lorena Fabrega)

Date: October 1, 2021

(b) (6)