

- C. IACUC Members. The Academy's IACUC is properly appointed according to PHS Policy Section IV.A.3.a., and is qualified through the experience and expertise of its members to oversee the Academy's Program and facilities. The IACUC consists of at least 5 members, and its membership meets the composition requirements of PHS Policy Section IV.A.3.b. The following is a list of the chairperson and members of the IACUC, including their names, degrees, profession, titles or specialties, and institutional affiliations:

Date: 10/01/2019	
Name of Institution: California Academy of Sciences	
Assurance Number:	
IACUC Contact Information*	
Address: 55 Music Concourse Dr. California Academy of Sciences Andrew Jepsen, IACUC San Francisco, CA 94118	
E-mail: iacuc@calacademy.org	
Phone: (b) (6)	Fax:
IACUC Chairperson	
Name: Luiz Rocha	

Title: Associate Curator and Follett Chair of Ichthyology	Degree/Credentials: Ph.D.
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IACUC Roster

Name of Member	Degree/Credentials	Position Title	PHS Policy Membership Requirements
Freeland Dunker	DVM	Staff Veterinarian	Attending Veterinarian ("AV")
Luiz Rocha	Ph.D.	Associate Curator, Ichthyology	Scientist, IACUC Chair
(b) (6)			Scientist
			Scientist
			Scientist
			Scientist
			Scientist
			Associate Veterinarian
			Non-Scientist
			Scientist
			Non-Affiliate

D. The IACUC will:

1. Review at least once every 6 months the Institution's program for humane care and use of animals, using the Guide as a basis for evaluation. The IACUC procedures for conducting semiannual program reviews are as follows:
 - a. Meetings are held monthly on an as needed basis. If an emergency meeting is necessary to insure that the IACUC's actions conform to PHS policy, such a meeting will be called.
 - i. All Committee members will be expected to attend the Committee meetings.
 - ii. Meeting agenda will be distributed in advance, and meeting minutes will be recorded and approved by the Committee.
 - b. Meetings will be formatted to discuss:
 - i. Active approved IACUC projects at the Academy.
 - ii. PIs at the Academy who are studying or using vertebrates in research.
 - iii. Concerns raised by the Academy Research community or the public at large.
 - iv. New or updated IACUC related documents, including protocol additions, or revisions.
 - v. Any other outstanding questions or concerns encountered by committee members since last meeting.
 - c. A quorum of the IACUC is defined as a majority of the total current membership. In order for official IACUC business to be conducted, a quorum must be present.
 - d. Pursuant to PHS Policy Section IV.C.2, no member may participate in the IACUC approval of an application, proposal, or any animal use protocol, in which the member has a conflicting interest (e.g., is personally involved in the project), except to provide information requested by the IACUC; nor may a member who has a conflicting interest contribute to the constitution of a quorum.
 - i. In the case of a Full Committee Review, as defined in Section IV F. herein, member(s) with a conflict of interest shall not be permitted to vote, nor be counted toward a quorum.

X. Academy Facility and Species Inventory

The total gross number of square feet in each animal facility (including each satellite facility), the species of animals housed there and the average daily inventory of animals, by species, in each facility is provided in the following Facility and Species Inventory (note: no Research animals have been housed in the following listed facilities. The IACUC has inspected these facilities and determined that they are appropriate.):

Laboratory, Unit, or Building	Gross Square Ft.	Species Housed*	Approximate Average Daily Inventory
(b) (4)	864 sq.ft	Various fishes, aquatic reptiles, amphibians, and invertebrates	Primary function is hospitalization for exhibit animals
	755 sq.ft	Various fishes, aquatic, reptiles, amphibians, and invertebrates	Primary function is quarantine of newly arrived animals for exhibits
	1114 sq.ft	Various fishes, aquatic invertebrates	Primary function is holding of exhibit animals for "grow out", during exhibit renovations, and for breeding
	161 sq.ft (divided into 2 rms)	Birds, terrestrial/aquatic reptiles, and amphibians	Primary function is quarantine of newly arrived animals for exhibits
	161 sq.ft (divided into 2 rms)	Birds, terrestrial/aquatic reptiles, and amphibians	Primary function is quarantine of newly arrived animals for exhibits

Vertebrate research takes place mainly in the field, but in a few cases the Academy conducts aquaria experiments in the Aquarium holding or quarantine rooms.

Memorandum to: Shannon Bennett, Dean of IBSS
From: Institutional Animal Care and Use Committee
Subject: Semiannual Report of the Program Review and Facility Inspection
Date: 25 April 2019

This report summarizes the IACUC's results of its most recent program review and facility inspection, as required by the Public Health Service (PHS) Policy on Humane Care and Use of Laboratory Animals ([Policy](#)), Section [IV.B.1.-3.](#), the *Guide for the Care and Use of Laboratory Animals* ([Guide](#)), and the Animal Welfare Act ([AWA](#)) regulations, as applicable. Submission of semiannual reports to the Institutional Official is a condition of this institution's Animal Welfare Assurance with the NIH Office of Laboratory Animal Welfare (OLAW).

Since the last review, the following changes have occurred in the institution's program for animal care and use (PHS Policy [IV.A.1.a.-i.](#)): [optional]

- 1) We added a new member to the IACUC committee, (b) (6).
- 2) Since December, we have reviewed and approved new protocols for (b) (6).
- 3) Luiz Rocha took over as the new chair of the committee.
- 4) See attached meeting minutes for additional information and business covered in our most recent meeting.

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.

Select A or B:

- ☒ A. There were no departures during this reporting period.
- ☐ B. The following departures have been reviewed and approved by the IACUC: *[include reason for each departure]*

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

Animal Care and Use Program Review Date(s):

Select A or B:

- ☒ A. There were no deficiencies in the program during this reporting period.
- ☐ B. The following deficiencies have been identified: *[describe each deficiency, identify each deficiency as either minor or significant, and provide a reasonable and specific plan and schedule for the correction of each deficiency, deficiencies may be recorded on a separate table and attached, the last page of OLAW's Sample Semiannual Program Review and Facility Inspection Checklist provides a sample table]*

III. Deficiencies in the Institution's Animal Facility

Select A or B:

- ☒ A. There were no deficiencies in the animal facility during this reporting period.
- ☐ B. The following deficiencies have been identified: *[describe each deficiency, identify each deficiency as either minor or significant, and provide a reasonable and specific plan and schedule for the correction of each deficiency, deficiencies may be recorded on a separate table and attached, the last page of OLAW's Sample Semiannual Program Review and Facility Inspection Checklist provides a sample table]*

Experiments with live research animals will start in the near future. Facilities where those experiments will be conducted were inspected by the IACUC chair and three members, and were deemed appropriate.

IV. **Minority Views**

Select A or B:

- ☒ A. No minority views were submitted or expressed.
- ☐ B. The following minority views were expressed: *[insert minority views here or attach]*

V. **Status of AAALAC Accreditation** *[identify accredited facilities, if applicable]*

None have been formally accredited by AAALAC, although we continue to strive to meet all of the standards required for certification.

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

Names of IACUC Members

Luiz Rocha, Co-Chair

Freeland Dunker, Veterinarian and Co-chair

(b) (6)

(b) (6)