

CALIFORNIA STATE UNIVERSITY, NORTHRIDGE

Assurance of Compliance with Public Health Service (PHS) Policy on Humane Care and Use of Laboratory Animals

California State University, Northridge, hereinafter referred to as institution, hereby gives assurance that it will comply with the Public Health Service Policy of Humane Care and Use of Laboratory Animals, hereinafter referred to as PHS Policy.

I. APPLICABILITY

This Assurance is applicable to all research, research training, experimentation, biological testing and related activities, hereinafter referred to as activities, involving live, vertebrate animals supported by the Public Health Service (PHS) and conducted at this institution, or at another institution as a consequence of the subgranting or subcontracting of a PHS-conducted or supported activity by this institution.

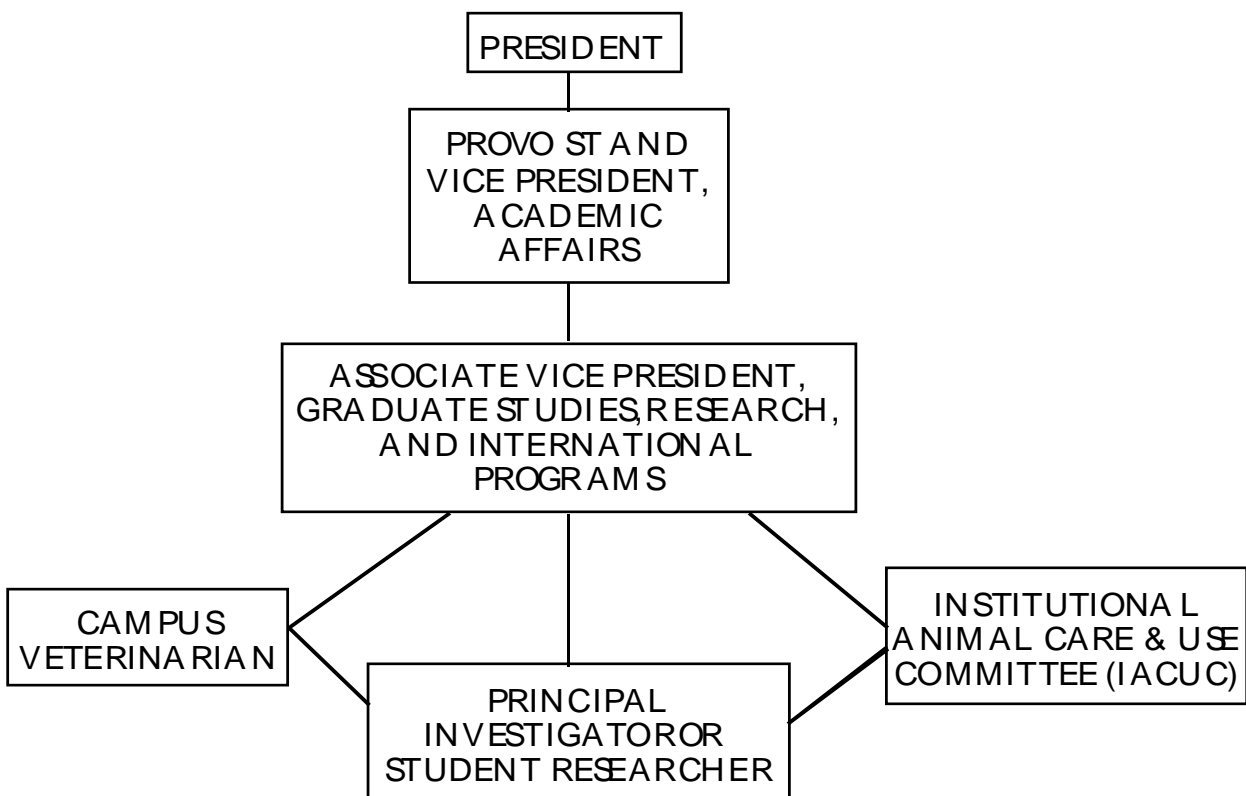
"Institution" includes the following branches and major components of California State University, Northridge: Department of Biology vivarium and Department of Psychology lab.

II. INSTITUTIONAL POLICY

- A. This institution will comply with all applicable provisions of the Animal Welfare Act and other Federal statutes and regulations relating to animals.
- B. This institution is guided by the "U.S. Government Principles for the Utilization and Care of Vertebrate Animals Used in Testing, Research, and Training."
- C. This institution acknowledges and accepts responsibility for the care and use of animals involved in activities covered by this Assurance. As partial fulfillment of this responsibility, this institution will make a reasonable effort to ensure that all individuals involved in the care and use of laboratory animals understand their individual and collective responsibilities for compliance with this Assurance as well as all other applicable laws and regulations pertaining to animal care and use.
- D. This institution has established and will maintain a program for activities involving animals in accordance with the Guide for the Care and Use of Laboratory Animals (Guide).

III. INSTITUTIONAL POLICY FOR ANIMAL CARE AND USE

- A. The lines of authority and responsibility for administering the program and ensuring compliance with this Policy are:



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

Dr. Peter Cyrog, D.V.M., two years G.D. Searle Labs, researcher at Big Horn Institute for eight years, small animal practice since 1970. On call at all times, two inspections per month, attends meetings of the IACUC. The University consulting veterinarian provides medical advice and assistance to faculty and staff utilizing the University animal laboratory facilities. The program includes the provision of husbandry appropriate for each species, frequent observation of all animals, the availability of medical services for animals found to be ill or injured, and the application of prophylaxis and therapy. He is on-call on a full-time basis and inspects each facility bimonthly. In addition, the consulting veterinarian participates in the deliberations on the IACUC and, through the Office of Research and Sponsored Projects, advises the University regarding compliance with ethical, medical and NIH standards associated with the proper and humane care of laboratory animals. Dr. Cyrog devotes approximately 5% of his time towards animal care and use at California State University, Northridge, and consults with other qualified veterinarians as required. Dr.

Cyrog has delegated program authority and responsibility for CSUN's Animal Care and Use Program.

Should Dr. Cyrog be unavailable, the University has made provisions with the following Veterinarian for his services:

Dr. David Wolf, MSc, PhD, DVM

Dr. Wolf has provided his primary office number, mobile phone number, and email address. He has agreed to be available in the event that Dr. Cyrog cannot be available for care. He is the primary veterinarian at the University of California, Riverside. In addition, he serves as the IACUC chair at that university.

- C. This institution has established an Institutional Animal Care and Use Committee (IACUC), which is qualified through the experience and expertise of its members to oversee the institution's animal program, facilities, and procedures. The IACUC consists of at least five members, appointed by the President of the University, and its membership meets the composition requirements set forth in the PHS Policy at IV.A.3.b. Attached is a list of the names, degrees, position titles, specialties and institutional affiliations of the IACUC chairperson and members.
- D. The IACUC will:
 - 1. Inspect at least once every six months all of the institution's animal facilities, including satellite facilities. The IACUC uses the following documents as a basis for evaluation:
 - 1. The Guide
 - 2. PHS Policy IV
 - 3. Institutional Animal Care and Use Committee Guidebook. The IACUC procedures for conducting semiannual facility inspections are as follows:
A convened quorum of the IACUC meets at least once every six months to inspect the animal facilities. No member is involuntarily excluded from participation in the inspection. In order to ensure thorough evaluation of all aspects of the facilities, the Committee uses the Semi-Annual Facility Inspection Checklist (see attached). This includes evaluation of sanitary procedures (i.e. cage washing facilities), all housing including primary enclosed housing, environment, sustenance, documentation of cleaning and feeding, etc. The committee discusses the results of the inspection at a convened meeting with a quorum of members present and committee members sign the minutes of the inspection meetings. Any minority views are noted on the inspection minutes. Again, no member is involuntarily excluded from the discussion of the inspection. Inspection reports are kept on file in the Office of Research and Sponsored Projects. This meeting is also the time that the Committee evaluates the IACUC Program. Please see information about program review below in item number 2.
 - 2. Review at least once every six 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 evaluations are: Immediately following the semi-annual inspection of on-campus research facilities, the members of the IACUC hold a convened meeting with a quorum of the members present and

discuss the university's animal care program. The program is reviewed to insure currency with federal guidelines. The committee also discusses methods to improve efficiency of its own procedures and forms. No member is involuntarily excluded from participation in any portion of the review. In addition to the Guide, the Committee uses checklists in its program review, such as the Semiannual Program Review Checklist (see attached). Some of the aspects of the program that are discussed are: IACUC membership and functions, IACUC Records and Reporting Requirements, all aspects of husbandry and veterinary care, experience and training of personnel, and occupational health and safety.

3. Prepare reports of the IACUC evaluations as set forth in the PHS Policy at IV.B.3. and submit the reports to Associate Vice President, Graduate Studies, Research & International Programs. The IACUC process for developing reports and submitting them to the Institutional Official is: Draft IACUC evaluation reports are developed by the compliance officer of the committee based on minutes taken at the program review meetings. The above-mentioned report of the Semi Annual Program Review and Facility Inspection specifies any deficiencies as either minor or significant and the report contains a reasonable plan and schedule for correction. The committee reviews the draft for completeness and accuracy. A final draft is prepared, signed by a majority of the committee and submitted to the Institutional Official.
4. Review concerns involving the care and use of animals at the institution. The IACUC procedures for reviewing concerns are: All employees or individuals associated with CSUN should report observed, suspected or apparent concerns involving the care and use of animals at the institution to the Institutional Official. If an individual is unsure whether a suspected concern falls within the definition of misuse, he or she may call the Institutional Official at (818) 677-2901, or the chair of the IACUC at (818) 677-7509 to discuss the concern informally. At any time, an employee may have confidential discussions and consultations about concerns regarding animal care and use with the Institutional Official or the chair of the IACUC and will be counseled about appropriate procedures for reporting concerns.

The Institutional Official will monitor the treatment of individuals who raise concerns, and those who cooperate in inquiries or investigations. The Institutional Official will ensure that these persons will not be retaliated against in the terms and conditions of their employment or other status at the institution and will review instances of alleged retaliation for appropriate action.

Employees should immediately report any alleged or apparent retaliation to the Institutional Official.

Also the institution will protect the privacy of those who report concerns in good faith to the maximum extent possible. For example, if the individual requests anonymity, the institution will make an effort to honor the request during the inquiry within applicable policies and regulations and state and local laws, if any. Institutions are required to undertake diligent efforts to protect the positions and reputations of those persons who, in good faith, raise concerns.

5. Make written recommendations to Dr. Mack Johnson, Institutional Official, regarding any aspect of the institution's animal program, facilities, or personnel training. The procedures for making recommendations to the Institutional Official are: After review by committee members, recommendations for correction or action are forwarded to the respective Department chairs, vivaria and lab technicians, faculty or student investigators (where applicable), and Dr. Mack Johnson.
6. Review and approve, require modifications in (to secure approval), or withhold approval of those activities related to the care and use of animals as set forth in the PHS Policy at IV.C.

The IACUC procedures for reviewing and approving activities involving animals (protocols) are:

Animal protocols are submitted to the IACUC through the Office of Research and Sponsored Projects (ORSP). The ORSP Compliance Officer notifies committee members that a protocol(s) has been submitted for review.

Prior to the review, each IACUC member will be provided with a list of proposed protocols to be reviewed. Such lists will include the title of the proposal, a summary of the proposal, and the name of the principal investigator. Written descriptions of activities (protocols) that involve the care and use of animals are also provided.

Any member of the IACUC may obtain, upon request, full committee review of any protocol. If after 5 business days, no member has notified the Chairperson or Compliance Officer of his or her (the member's) request for full committee review, at least one member of the IACUC, designated by the Chairperson and qualified to conduct the review, will review the protocol(s) and have the authority to approve, require modifications in (to secure approval) or request full committee review of the protocol(s). If full-committee review of a protocol is requested, approval of said protocol may be granted only after review at a convened meeting of a quorum of the IACUC and with the approval vote of a majority of the quorum present.

Any member who is not a designated reviewer for a given protocol may provide observations/comments for *consideration* by the designated reviewer(s). However, the designated reviewer(s) retains absolute discretion and full authority to approve, require modifications (to secure approval) or to refer the protocol for full-committee review. If the designated review(s) requires modification in the protocol (to secure approval), requests for modification may, at the designated reviewer's discretion, be communicated directly to the principal investigator (PI) or communicated to the PI through the ORSP. If there are multiple designated reviewers and their decisions are not unanimous, the protocol will be referred for full-committee review.

Designated reviewers are encouraged to complete reviews within 10 business days—exclusive of time a PI may take to respond to any request for modifications.

No member may participate in the IACUC review or approval of a 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. The IACUC may invite consultants to assist in the review of complex issues.

Consultants may not approve or withhold approval of an activity or vote with the IACUC unless they are also members of the IACUC.

Only after the designated reviewer(s) or full-committee has given full/unconditional approval of an activity, will the PI be so notified, in writing, and allowed to begin the activity.

In order to approve proposed protocols or proposed significant changes in ongoing protocols, the IACUC shall conduct a review of those components related to the care and use of animals and determine that the proposed protocols are in accordance with this Policy. In making this determination, the IACUC shall confirm that the protocol will be conducted in accordance with the [Animal Welfare Act](#) insofar as it applies to the activity, and that the protocol is consistent with the [Guide](#) unless acceptable justification for a departure is presented. Further, the IACUC shall determine that the protocol conforms to the institution's Assurance and meets the following requirements:

- a. Procedures with animals will avoid or minimize discomfort, distress, and pain to the animals, consistent with sound research design.
 - b. Procedures that may cause more than momentary or slight pain or distress to the animals will be performed with appropriate sedation, analgesia, or anesthesia, unless the procedure is justified for scientific reasons in writing by the investigator.
 - c. Animals that would otherwise experience severe or chronic pain or distress that cannot be relieved will be painlessly killed at the end of the procedure or, if appropriate, during the procedure.
 - d. The living conditions of animals will be appropriate for their species and contribute to their health and comfort. The housing, feeding, and nonmedical care of the animals will be directed by a veterinarian or other scientist trained and experienced in the proper care, handling, and use of the species being maintained or studied.
 - e. Medical care for animals will be available and provided as necessary by a qualified veterinarian.
 - f. Personnel conducting procedures on the species being maintained or studied will be appropriately qualified and trained in those procedures.
 - g. Methods of euthanasia used will be consistent with the recommendations of the [American Veterinary Medical Association \(AVMA\) Guidelines on Euthanasia](#) (PDF), unless a deviation is justified for scientific reasons in writing by the investigator.
7. Review and approve, require modifications in (to secure approval), or withhold approval of proposed significant changes regarding the use of animals in ongoing activities as set forth in the PHS Policy at IV.C. The IACUC procedures for reviewing proposed significant changes in ongoing research projects are the same as procedures used to review and approve the initial proposals and/or activities.
 8. Notify investigators and the institution in writing of its decision to approve or withhold approval of those activities related to the care and use of animals, or of modifications required to secure IACUC approval as set forth in the PHS Policy at IV.C.4. The IACUC procedures to notify investigators and the institution of its

decisions regarding protocol review are: written approval is forwarded to the investigator and the Institutional Official. Where modifications are required, the IACUC chair and the Institutional Official (and the student's advisor, if applicable), are copied.

9. Conduct continuing review of each previously approved, ongoing activity covered by PHS Policy No more than 365 days after the previous review, including a complete review in accordance with the PHS Policy at IV.C.1-4 at least once every three years. The IACUC procedures for conducting continuing review are: the IACUC reviews all ongoing research at least once every twelve months. Investigators may request an extension of their approval provided they certify that no changes have been made to their approved protocol. They must submit a copy of their approved protocol with their request for extension. For ongoing projects, investigators must submit a new protocol for full review by the IACUC at least once every three years.
 10. Be authorized to suspend an activity involving animals as set forth in the PHS Policy at IV.C.6. The IACUC procedures for suspending an ongoing activity are: if the IACUC determines that an approved activity is not being carried out properly, it may, after conducting a review at a convened meeting and with a suspension vote of a majority of the quorum present, suspend the activity pending corrective action. The IACUC notifies the investigator in writing that all activities are to be immediately suspended pending corrective action. Copies of this notice are sent to the Institutional Official who will work in conjunction with the IACUC and the investigator to resolve the situation by reviewing reasons for suspension, taking corrective action and providing OLAW with a complete explanation.
- E. The individual authorized by this institution to verify IACUC approval of those sections of applications and proposals related to the care and use of animals is Dr. Mack I. Johnson.
- F. The occupational health and safety program for personnel who work in laboratory animal facilities or have frequent contact with animals is as follows:
1. Faculty and students working with animals and vivarium staff are all covered by this program and required to comply (i.e. It is not voluntary). The vivarium technicians administer the program. ORSP is the primary office of record for the program.
 2. One of the requirements that must be met is the completion of a hazardous materials training session. The Biology Technician provides a hazardous waste educational presentation annually. In order to document learning and completion of the presentation, faculty, students and staff are all required to complete a written test. This is kept on file at the vivarium where they will be working. Completion of this test is also reported to ORSP. In addition, the vivaria maintain Material Safety Data Sheets up to date for each chemical used in the vivaria, which are provided to each individual working with the chemicals. All faculty, students, and staff are also required to review educational videos in regards to the handling and proper care of animals. This is further outlined in section H below.

3. All covered individuals are required to complete a Medical Screening Questionnaire before being allowed to work with and handle animals. The process for completing this questionnaire and evaluation is as follows: The individual will complete the questionnaire and make an appointment at the student health center to be evaluated. A physician at the student health center will review the individual's questionnaire and will perform a physical exam relevant to the information asked on the questionnaire. If the physician finds that the individual must take extra precautions due to allergies or other risks, then they will be informed of this. Once the evaluation is complete, the individual must provide evidence to their department that they've completed the evaluation at the health center and must specify any precautions they must take when interacting with animals (e.g. masks, etc.) There is a separate portion of the form signed by the person being evaluated that releases information to the department about any precautions they must take with animals. The physician also signs the form. This portion of the form is HIPAA compliant and is faxed directly to the department specified by the employee. The department will inform ORSP of the individuals that have completed the evaluation so that we maintain it on record.

4. The Student Health Center at the University will provide tuberculosis testing at no charge to students once a year. (Employees are covered under individual health plans.) Health care and/or safety equipment is available to all researchers (including faculty and students) and vivarium staff including gloves, gowns, facemasks, and protective eyewear. Personnel who handle animals are not required to be immunized against tetanus unless they receive an animal bite. Vivarium personnel are taught the procedures for animal bites and allergies when hired. If bitten, the individual is required to report to the student health center immediately for a tetanus shot. Printed information regarding animal bites is posted in the vivarium and staff are trained in allergic symptoms such as skin rashes, skin itching, eye and nose irritations, breathing difficulties, and asthma. The precautions are clothing, lab coats, respirators, dust masks for animal fur only, goggles and long gloves. The scale of operations and the species of animals involved, e.g., mice, rats, rabbits, hamsters and frogs, minimize the chance of health care problems. None of the animals we house harbor tuberculosis. Infectious animals are not to be housed in the vivarium. All animals purchased from laboratory animal dealers are vaccinated before they arrive. Animals that are collected in the wild are quarantined from other animals and evaluated for signs of infection and disease for 6 weeks before being incorporated into the primary animal groups.

5. Special precautions for pregnant women and immunosuppressed individuals: Although it has not been proven that feline leukemia virus (FeLV) affects humans, felines with this disease may carry other infectious diseases. Pregnant women and immunosuppressed individuals are at a greater risk of becoming ill if working with a feline with FeLV. Before working with animals, individuals are informed of the specific risk of the feline leukemia virus to pregnant women, the unborn fetus, and immunosuppressed individuals. These individuals will be required to wear protective gloves and facemasks when working with any feline regardless of the feline's health. If the feline contracts FeLV, those individuals must cease all contact with that feline. If the individual prefers not to work with felines due to the potential risk, then special provisions will be made so that they are not in contact with felines. The vivaria do not currently house felines.

- G. The total gross number of square feet in each animal facility (including each satellite facility), the species of animals housed therein and the average daily inventory of animals, by species, in each facility is provided:

<u>Facility</u>	<u>Sq. Footage</u>	<u>Species</u>	<u>Avg. Daily</u>
<u>Inventory</u>			
Biology Lab	2,296	Mice (wistar)	362
		Rats (Hans wistar)	429
		Snakes	59
		Frogs	31
		Lizards	26
		Fish	200
		Crickets	2,500
		Turtles	5

- H. The training or instruction available to scientists, animal technicians, and other personnel involved in animal care, treatment, or use is outlined below:

1. All faculty, vivarium staff, and students handling animals are required to review videos that show how to not only properly care for and handle animals, but how to also properly minimize animal pain and distress in a research setting. The University of California, Davis, Department of Veterinary Medicine developed these videos. The titles are as follows:

“Practical Methodology: Humane Handling and Laboratory Techniques for the Rat”

“Practical Methodology: Humane Handling and Laboratory Techniques for the Guinea Pig”

“Practical Methodology: Humane Handling and Laboratory Techniques for the Hamster”

“Practical Methodology: Humane Handling and Laboratory Techniques for the Rabbit”

“Practical Methodology: Humane Handling and Laboratory Techniques for the Mouse”

Review of these videos is followed by a question and answer session with the vivarium supervisor. This review occurs annually.

- Following review of the above-mentioned videos, the vivarium supervisor provides hands-on-training to vivarium staff and vivarium student assistants in how to properly care for animals, handle animals and minimize animal pain and distress..
- After faculty researchers have reviewed the above-mentioned videos they provide hands-on training to their student assistants in how to properly care for animals, handle animals and minimize animal pain and distress.
- Additional instructional information on the handling of animals is provided in the form of literature from the U.S. Department of Agriculture and videocassettes regarding practical methodology, humane handling and laboratory techniques for various lab animals.

5. The following resources are available to all personnel who handle animals:

- a. Hawk, C. Terrance and S. Leary. Formulary for Laboratory Animals. Iowa State Press, 1995.
- b. Podolsky, M. Lawrence, V. Lukas, eds. The Care and Feeding of an IACUC: The Organization and Management of an Institutional Animal Care and Use Committee. CRC Press, 1999.
- c. Poole, Trevor, ed. UFAW Handbook on the Care and Management of Laboratory Animals. Longman Scientific and Technical, 1987 [1957].
- d. Education and Training in the Care and Use of Laboratory Animals: A Guide for Developing Institutional Programs. National Academy Press, 1991
- e. Silverman, Jerald, M. Suckow and S. Murthy, eds. The IACUC Handbook. CRC Press, 2000.
- f. Public Health Service Policy on Humane Care and Use of Laboratory Animals.
- g. Guide of the Care and Use of Laboratory Animals.

The protocol form requires investigators to provide references for supporting current literature regarding research or testing methods that minimize the required numbers of animals and a statement of minimization of animal pain and distress. All new vivarium staff and researchers are required to undergo training on humane care and use of animals. Documentation of training is kept on file at the animal facilities.

IV. INSTITUTIONAL STATUS

As specified in the PHS Policy at IV.A.2, as Category 2, all of this institution's programs and facilities, including satellite facilities, for activities involving animals have been evaluated by the IACUC and will be reevaluated by the IACUC at least once every six months in accord with IV.B.1. and 2. of the PHS Policy, and reports prepared in accord with IV.B.3. of the PHS Policy.

All IACUC semiannual reports will include a description of the nature and extent of this institution's adherence to the Guide. Any departures from the Guide are identified specifically and reasons for each departure will be stated. Reports will distinguish significant deficiencies from minor deficiencies. Where program or facility deficiencies are noted, reports will contain a reasonable and specific plan and schedule for correcting each deficiency. Semiannual reports of the IACUC evaluations will be submitted to Dr. Mack Johnson, Institutional Official. Semiannual reports of IACUC evaluations will be maintained by this institution and made available to the Office for Protection from Research Risks (OLAW) upon request. The most recent semiannual report of the IACUC is attached.

V. RECORD KEEPING REQUIREMENTS

A. This institution will maintain for at least three years:

1. A copy of this Assurance and any modifications thereto, as approved by PHS.

2. Minutes of IACUC meetings, including records of attendance, activities of the committee, and committee deliberations.
 3. Records of applications, proposals and proposed significant changes in the care and use of animals and whether IACUC approval was given or withheld.
 4. Records of semiannual IACUC reports and recommendations (including minority views) as forwarded to Dr. Mack Johnson.
 5. Records of accrediting body determinations.
- B. This institution will maintain records that relate directly to applications, proposals, and proposed changes in ongoing activities reviewed and approved by the IACUC for the duration of the activity and for an additional three years after completion of the activity.
- C. All records shall be accessible for inspection and copying by authorized OLAW or other PHS representatives at reasonable times and in a reasonable manner.

VI. REPORTING REQUIREMENTS

- A. At least once every 12 months, the IACUC, through the Institutional Official, will report in writing to OLAW:
1. Any change in the status of the institution, any change in the description of the institution's program for animal care and use as described in this Assurance, or any changes in IACUC membership. If there are no changes to report, the institution will provide OLAW with written notification that there are no changes.
 2. Notification of the dates that the IACUC conducted its semiannual evaluations of the institution's program and facilities (including satellite facilities) and submitted the evaluations to Dr. Mack Johnson.
- B. The IACUC, through the Institutional Official, will provide the OLAW promptly with a full explanation of the circumstances and actions taken with respect to:
1. Any serious or continuing noncompliance with the PHS Policy.
 2. Any serious deviations from the provisions of the Guide.
 3. Any suspension of an activity by the IACUC.
- C. Reports filed under VI.A. and VI.B. above shall include any minority views filed by members of the IACUC.

VII. Institutional Endorsement and PHS Approval

A. Authorized Institutional Official

Name: Dr. Mack I. Johnson

Title: Associate Vice President,
Graduate Studies , Research
and International Programs

Address: California State University, Northridge 18111 Nordhoff Street
Northridge, CA 91330-8232

Phone: (818) 677-2901

Fax: (818) 677-4691

Signature: _____

Date: _____

B. PHS Approving Official

Name:

Title:

Address: 6705 Rockledge Drive-RKL1, Suite 360, MSC 7982
Bethesda, MD 20892-2982

Phone: 301-496-7163

Fax: 301-402-7065

Signature: _____

Date: _____

C. Effective Date of Assurance _____

D. Expiration Date of Assurance _____

MEMBERSHIP OF THE INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

DATE: 6/23/09

NAME OF INSTITUTION: California State University, Northridge

ASSURANCE NUMBER: A3915-01

Chairperson Name, Title, and Degree/Credentials	Business Address, Phone, Fax, and Email of Chairperson
Name*: Benedict Yaspelkis, III, PhD	Address*: California State University, Northridge Department of Kinesiology 18111 Nordhoff St. Northridge, CA 91330-8287
Title*: Associate Professor of Biology	

Degree/credentials*: PhD	Phone*: 818-677-7509	Fax*: 818-677-3207	Email*: ben.yaspelkis@csun.edu
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Name of Member/Code**	Degree/Credentials	Position Title	PHS Policy Requirements***
Randy Cohen	Ph.D.	Professor of Biology	Scientist
Peter Cyrog	D.V.M	Campus Veterinarian	Veterinarian
Robert Espinoza	Ph.D.	Associate Professor of Biology	Scientist
William Krohmer	BS	Instructional Support	Non-Scientist
Donna Hardy	Ph.D.	Professor of Psychology	Scientist
Cristina Campbell	Ph.D.		
Jody Dunn	BS	Healthcare Consultant	Non-Scientist and Non-Affiliated

Dorena Knepper	BA	Former Director of Government and Community Relations	Non-Scientist, Non-Affiliated, Alternate member (does not count toward quorum)
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*This information is mandatory.

**Names of members, other than the chairperson and veterinarian, may be represented by a number or symbol in this submission 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.

***PHS Policy Requirements - identify which IACUC members meet the four criteria below:

- Veterinarian (V) - a veterinarian with direct or delegated program responsibility.
- Scientist (S) - a practicing scientist experienced in research involving animals.
- Nonscientist (NS) - a member whose primary concerns are in non-scientific areas (e.g. ethicist, lawyer, member of the clergy).
- Nonaffiliated (NA) - a member who is not affiliated with the Institution in any way other than as a member of the IACUC, and who is not a member of the immediate family of a person who is affiliated. This member is expected to represent the interests of the general community in the proper care and use of animals and should not be a laboratory animal user. A consulting attending veterinarian may not be considered nonaffiliated.

Notes:

1. All members must be appointed by the CEO (or individual with specific written delegation to appoint members) and must be voting members. Ad hoc or nonvoting members may be listed and identified as such, but are not considered members for the purpose of the PHS Policy, and do not contribute to a quorum.
2. If Alternate members are listed, identify for whom (by name or code number, not specialty) they will serve as Alternates.

OTHER KEY CONTACTS (OPTIONAL)

If there are other individuals within the Institution who may be contacted regarding this Assurance, please provide information below.

Name: Suzanne Blanding
Title: Compliance Officer
Phone: 818-677-2901

Fax: 818-677-4691

E-mail: Suzanne.blanding@csun.edu

FACILITY AND SPECIES INVENTORY

Date: 6/24/09

NAME OF INSTITUTION: California State University, Northridge

ASSURANCE NUMBER: A3915-01

Laboratory, Unit, or Building*	Gross Square Feet (including service areas)	Species Housed in Unit (use complete common names)	Approx. Average Daily Inventory
Biology Vivarium	2,296 feet	Mice	362
		Rats	429
		Snakes	59
		Frogs	31
		Lizards	26
		Fish	200
		Crickets	2,500
		Turtles	5

*Institutions may identify animal areas in any manner, e.g., initials, ID number, etc. However, the name and location must be provided to OLAW upon request.