

**Cleveland State University**  
**D16-00338 (Legacy A3554-01)**  
**ANIMAL WELFARE ASSURANCE**  
**in accordance with the PHS Policy for**  
**Humane Care and Use of Laboratory Animals**

## **Animal Welfare Assurance for Domestic Institutions**

I, Dr. Jerzy T. Sawicki, Vice President for Research, as named Institutional Official for animal care and use at Cleveland State University (CSU), hereinafter referred to as Institution, by means of this document, provide assurance that this Institution will comply with the Public Health Service Policy (PHS) on Humane Care and Use of Laboratory Animals, hereinafter referred to as PHS Policy.

### **I. Applicability of Assurance**

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), Health and Human Services (HHS) and National Science Foundation (NSF) conducted at Cleveland State University (CSU), or at another Institution as a consequence of the sub-granting or subcontracting of a PHS conducted or supported activity by this Institution. There are no branches or components of this Institution.

### **II. Institutional Commitment**

- A. CSU will comply with all applicable provisions of the [Animal Welfare Act](#) and other Federal statutes and regulations relating to animals.
- B. CSU is guided by the "[U.S. Government Principles for the Utilization and Care of Vertebrate Animals Used in Testing, Research, and Training.](#)"
- C. CSU 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 ensure that all individuals involved in the care and use of laboratory animals understand their individual and collective reanimands under consortium (subaward) or subcontract agreements have an Assurance and that the activities have Institutional Animal Care and Use Committee approval.

### **III. Institutional Program for Animal Care and Use**

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

The chairperson and members of the Institutional Animal Care and Use Committee (IACUC) are appointed directly by the Vice President for Research.

the Vice President for Research. The Consulting Veterinarian reports both to the Vice President for Research in matters related to the day-to-day veterinary care of animals and to the Chairperson of the Animal Care and Use Committee for policy matters related to the University's compliance with applicable federal regulations. The Animal Research Facility Manager reports directly to the Director of Sponsored Programs who in turn reports directly to the Vice President for Research. In addition to communication amongst the IACUC Chair, Attending Veterinarian, and Institutional Official, there are also open lines of communication between the IACUC members and the designated IO as required by PHS Policy. These lines of communication include the ability of IACUC members to contact the IO directly by visiting the IO office, by telephone communication, and/or by e-mail communications.

## **Organizational Chart Lines of Authority Cleveland State University**

Dr. Dannemiller is licensed to practice veterinary medicine, and is USDA accredited, in the State of Ohio. He maintains his license and board-certification by participation in local, regional, and national meetings presented by AALAS, ACLAM, Ohio Scientific Education & Research Association (OSERA) and USDA, and participation in OLAW and other scientific organization webinars. He is an active member of the American Veterinary Medical Association, the American Society of Laboratory Animal Practitioners, The American College of Laboratory Animal Medicine, the American Association for Laboratory Animal Science, and the Association of Primate Veterinarians.

Dr. Stanley Dannemiller, our consulting veterinarian, has established and supervises programs of disease control and prevention, pest and parasite control, technical and animal husbandry, pre-procedural care, nutrition, euthanasia, and adequate veterinary care for all animals housed within the University's animal facilities. Dr. Dannemiller has experience caring for a diverse animal population from transgenic mice to agricultural species. The University has employed Dr. Dannemiller since May 15, 2006 and he oversees our University's Program of Veterinary Care, which is administered by the Animal Research Facility Manager who is responsible for the daily operations of the animal facilities.

Authority: Dr. Stanley Dannemiller has delegated program authority and responsibility for the Institution's animal care and use program including access to all animals.

Time contributed to program:

Dr. Dannemiller performs site visits as needed, but at least 6 times per year (approximately every other month) and he attends the Institutional Animal Care and Use Committee meetings as scheduled. Dr. Dannemiller partakes in the semi-annual facility inspections performed by the IACUC and he is readily available for training purposes or for additional consultations. Dr. Dannemiller contributes 5% of his time to the animal care and use

meets the composition requirements of PHS Policy IV.A.3.b. Attached in section VIII page **12** is a list of the chairperson and members of the IACUC and their names, degrees, profession, titles or specialties, and institutional affiliations.

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:

During a convened IACUC meeting the committee Chair designates a subcommittee to conduct the semiannual program review. The subcommittee uses the semiannual program review checklist to help facilitate the program review and ensure compliance with this Policy (*attached Appendix A*). The subcommittee uses professionally accepted

3) Prepare reports of the IACUC evaluations acco

and Use Reporting Forms are located on the bulletin board in the animal facility and in each satellite facility. This information is discussed with individuals during Facility Orientation.

- 5) Make written recommendations to the 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 as follows:
  - a. Prepare reports of IACUC evaluations and submit the reports to the Vice President of Research.
  - b. Make recommendations to the Vice President of Research regarding any aspect of the research facility's animal program, facilities, or personnel training.
  - c. At a scheduled IACUC meeting mention recommendations to the program, facilities, or

modifications (to secure approval), or referral to the full committee for review. If more than one DMR, all DMRs will review identical copies of the protocol and the reviewers will be unanimous in their decision. If the IACUC decides to withhold approval of an activity, it shall include in its written notification a statement of the reasons for its decision and give the investigator an opportunity to respond to the committee in writing. Special and/or expedited reviews may be scheduled for a full committee review on an emergency basis.

- c. The IACUC shall determine that the research project conforms to the Institution's Assurance and meets the following requirements:
  - 1). Procedures with animals will avoid or minimize discomfort, distress, and pain to the animals, consistent with sound research design.
  - 2). 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.
  - 3). Animals that would otherwise experience severe or chronic pain or distress that cannot be relieved will be euthanized at the end of the procedure or, if appropriate, during the procedure.
  - 4). Living conditions of animals will be appropriate for their species and contribute to their health and comfort. The housing, feeding, and non-medical 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.
  - 5). Medical care for animals will be available and provided as necessary by a qualified veterinarian, by the Animal Research Facility Manager, or by trained staff.
  - 6). Personnel conducting procedures on the species being maintained or studied will

in study objectives;  
in Principal Investigator (PI); and  
that impact personnel safety

Amendments with changes determined not                      not



- b. The IACUC may suspend an activity only after review of the matter at a convened meeting of a quorum of the IACUC and with the suspension vote of a majority of the quorum present. If the IACUC suspends an activity involving animals, the Institutional Official in consultation with the IACUC reviews the reasons for the suspension, takes appropriate corrective action, and reports the action with a full explanation to OLAW and the federal granting agency. If regulated species are involved in the research, then the USDA must also be notified.
  - c. All animals housed under a suspended protocol will be transferred to a holding protocol which is held by the manager of the Animal Research Facility and that has been approved by the IACUC; the investigator will NOT be allowed to continue the research with these animals during the period of the suspension.
- E. The risk-based occupational health and safety program for personnel working in laboratory animal facilities and personnel who have frequent contact with animals is as follows:

The IACUC at Cleveland State University is aware that the development and implementation of a program of medical evaluation and preventive medicine should involve input from trained health care professionals. As such, all animal users must undergo a health evaluation before work assignment is advisable to assess potential risks for individual employees. These examinations are provided at St. Vincent's Charity Hospital. In addition, periodic medical evaluations are advised for personnel in specific risk categories such as those that may be at risk for allergic reactions. Appropriate immunization schedules are recommended as the IACUC recognizes the importance to immunize animal care personnel against tetanus and other agents such as rabies virus and hepatitis B virus.

The Occupational Health and Safety Program was written to increase awareness of the hazards involved in the use of animals for teaching and research, to suggest so

the necessary training and skills and that facilities are adequate for the safe conduct of the research.

Wellness Clinic or St. Vincent Charity Medical Center (24-hr emergency service). During normal business hours, injuries occurring at ARF are reported to the ARF Manager and addressed as appropriate. At all other times, the affected individuals are instructed to contact CSU Police (24-hr service) for a prompt assistance.

3. The Manager must be notified if a person is bit or scratched by an animal. The Procedures for bites and scratches are:
  - a. Immediately following a bite/scratch, thoroughly cleanse and irrigate the full depth of the wound with soap and water. Allow at least five minutes direct contact of solution with wound.
  - b. Report the injury to your supervisor and, if needed, go to St. Vincent Charity Hospital, located at 2322 East 22<sup>nd</sup> Street, Suite 101, for treatment. If the injury is severe, call University Police for transportation to the appropriate emergency facility.
  - c. When Injuries are reported to the Supervisor, an "Accident\Incident Report" form is filled out by the employee and signed by the supervisor.
  - d. The form is sent to Environmental Health and Safety and the Human Resources Departments. If medical attention was needed, Care Works should be contacted
  
- F. 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 attached Facility and Species Inventory table in Section X Facility and Species Inventory Table, Page 13.
  
- G. The training or instruction available to scientists, animal technicians, and other personnel involved in animal care, treatment, or use is as follows:
  1. In accordance with the *GUIDE*, Cleveland State University ensures that the Animal Technicians caring for the animals are qualified to do so. The Institution also provides for on-the-job training to facilitate implementation of the humane care and use of animals. The staff consists of a full-time Animal Research Facility Manage

Working with Amphibians in a Research Setting  
Working with Mice in Research Settings  
Working with Rats in Research Settings  
Post Approval Monitoring (PAM)

## VI. Reporting Requirements

- A. The Institutional reporting period is the calendar year (January 1 – December 31). The IACUC, through the Institutional Official, will submit an annual report to OLAW by January 31 of each year. The annual report will include:
1. Any change in the accreditation status of the Institution (e.g., if the Institution obtains accreditation by AAALAC or AAALAC accreditation is revoked)
  2. Any change in the description of the Institution's program for animal care and use as described in this Assurance
  3. Any change in the IACUC membership
  4. 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 the Institutional Official, Dr. Jerzy T. Sawicki, Vice President of Research
  5. Any minority views filed by members of the IACUC
- B. The IACUC, through the Institutional Official, will promptly provide OLAW 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

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**B. PHS Approving Official** *(to be completed by OLAW)*

Doreen H. Bartlett  
Senior Assurance Officer, Division of Assurance  
Office of Laboratory Animal Welfare (OLAW),  
National Institutes of Health  
10 Center Drive  
Bethesda, MD 20895  
301-495-3400  
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Signature:

December 26, 2018

Assurance Number: D16-00338 (A3554-01)

Effective Date: December 19, 2018<sup>B</sup><sub>0</sub>

December 31, 2022



## IX. Other Key Contacts (optional)

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

<b>Contact #1</b>	
Name: Lyubomyr Turchyn	
Title: Animal Research Facility Manager	
Phone: 216-687-2071	E-mail: <a href="mailto:l.turchyn14@csuohio.edu">l.turchyn14@csuohio.edu</a>
<b>Contact #2</b>	
Name: Mary Jane Karpinski	
Title: IACUC Secretary	
Phone: 216-687-3630	E-mail: <a href="mailto:m.karpinski2@csuohio.edu">m.karpinski2@csuohio.edu</a>

## X. Facility and Species Inventory

Date: September 26, 2018
Name of Institution: Cleveland State University
Assurance Number: D16-00338 (Legacy A3554-01)

Laboratory, Unit, or  
Building\*





### **IACUC Membership/Personnel Issues**

The Chair and six IACUC members are currently serving a two year term, 7/1/1017 to 6/30/2019. Two members were re-appointed to a two year term 7/1/2018 to 6/30/2020. One member completed the two year appointment term. A search for a non-affiliated member has been started. One animal technician was hired and started on May 14, 2018.

### **Training Sessions**

The CITI online training module requirement for anyone who works with live vertebrate animals at

## II. Semiannual Program Review and Facility Inspection Report

Date: 5-8-18

Deficiency Category*	Checklist section /Location	Deficiency and Plan for Correction	Responsible Party	Correction Schedule and Interim Status	Date Complete
S		<p><i>Damaged walls in SI463, SI465, and SI467 Cracks in walls to be repaired. Paint needs to be replaced. These deficiencies were noted on the inspection report submitted in December 2017 and have yet to be repaired</i></p>			