

## Guidelines and Federal Regulations for Activities Involving Vertebrate Animals

### Summary:

California State University, East Bay (CSUEB) operates in compliance with federal regulations and guidelines governing the care and use of vertebrate animals in research and teaching. Faculty who plan to include animals in research, teaching, or class projects *must* apply for approval to the CSUEB Institutional Animal Care and Use Committee (IACUC) before the activities can begin. *All* use of vertebrate animals is overseen by the IACUC, including laboratory research, teaching, field research (including observation), undergraduate and graduate student research, and when CSUEB faculty collaborate on animal work being done at other institutions. This document summarizes federal regulations and guidelines.

### Federal Regulations:

**Animal Welfare Act:** The Animal Welfare Act applies to any live or dead dog, cat, nonhuman primate, guinea pig, hamster, rabbit, or any other warm-blooded animal, which is being used, or is intended for use for research, teaching, testing, experimentation, or exhibition purposes, or as a pet. This excludes birds, rats of the genus *Rattus*, and mice of the genus *Mus*, bred for use in research; horses not used for research purposes; and other farm animals, such as, but not limited to, livestock or poultry used or intended for use as food or fiber, or livestock or poultry used or intended for use for improving animal nutrition, breeding, management, or production efficiency, or for improving the quality of food or fiber. With respect to a dog, the term means all dogs, including those used for hunting, security, or breeding purposes. Institutions that are licensed must report yearly their animal use and describe their animal care program. The Animal and Plant Health Inspection Service (APHIS) of the USDA performs periodic unannounced inspections for licensed institutions.

**Guide for the Care and Use of Laboratory Animals:** Compiled by the Institute of Laboratory Animal Resources (ILAR), this is the standard reference for biomedical research involving warm-blooded vertebrates. Areas discussed include facility design, animal caging, veterinary care, and animal care.

**Public Health Service Policy and Health Research Extension Act:** This federal law applies to all institutions receiving animal research funds from the Public Health Service including, National Institutes of Health (NIH), Centers for Disease Control and Prevention (CDC), and the Food and Drug Administration (FDA). It applies to *all* vertebrate species. Institutions must either have AAALAC International accreditation or have an NIH Assurance Statement on file at the Office of Laboratory Animal Welfare (OLAW/NIH). Animal care and use facilities must be built and operate in compliance with the recommendations of the ILAR "Guide." Institutions are required to submit yearly reports on their animal care program. CSUEB is currently operating under NIH Assurance Status.

**Guide for the Care and Use of Agricultural Animals in Agricultural Research and Teaching:** Developed by the Federation of Animal Science Societies, a consortium of animal industry representative and university faculty involved in animal research, this is the standard reference for agricultural production

research. Areas discussed in this guide include facility design, animal housing, veterinary care and animal care.

### **Who Must Apply for IACUC Review and Approval at CSUEB?**

- Those conducting *laboratory work* with vertebrate animals.
- Those conducting *field studies* with vertebrate animals, including observation.
- Those whose *teaching* involves research with or observation of animals.
- Those conducting *collaborative* research with other institutions, both private and public
- *Undergraduate* and *graduate* students using vertebrate animals in any capacity
- Those applying for *grants* involving animals must receive approval from the IACUC prior to beginning research or projects that include the use of vertebrate animals. It is recommended that protocols be submitted as soon as possible to avoid delays in award acceptance or project start dates. Federal agency proposal and award guidelines vary regarding when federal agencies require submittal of copies of IACUC approvals

### **How to Apply for IACUC Review and Approval**

For questions regarding protocol submissions contact the IACUC: [IACUC@csueastbay.edu](mailto:IACUC@csueastbay.edu)