

ALL CAMPUS Animal Care and Use Committee POLICY

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Disease Management Policy For Use of Livestock in
Teaching, Research and Outreach

Purpose:

This document supplements the All Campus ACUC policy on disease management for laboratory animal species (Policy 2007-033) and is designed to specifically address infectious disease management in livestock used for teaching, research and outreach related to agriculture. Principle investigators are directed to the laboratory animal policy document when using species such as pigs and sheep in basic or comparative biomedical research. Surveillance, diagnosis, treatment, and control of disease are integral components of adequate veterinary care (Guide for the Care and Use of Laboratory Animal Care, 1996). Some infectious diseases can seriously compromise experimental protocols by inducing profound changes in immunologic, physiologic, neoplastic, and toxicologic responses in infected animals. Therefore, appropriate enactment of biosecurity programs in livestock for the control of known pathogens when their presence would be deleterious to the health of the animal and/or negatively impact the research that is vital to all aspects of a sound agricultural program.

To prevent, eradicate, or manage infectious disease effectively, the following actions are necessary:

- * Animal health monitoring for herds/flocks used in support of U. W. agricultural programs should be created as standard operating policy by each unit with the guidance and direction of the research animal veterinarian for that unit. (e.g., serology, parasite examinations). With the research animal veterinarian's oversight, and in collaboration with PIs these procedures may also be implemented for individual research projects.
- * Biosecurity policies should be in place in each unit regarding animal movement within and between animal housing facilities used for livestock and should address such issues as quarantine, specific infectious disease screening and control programs. The attending RARC veterinarian for each unit should be involved in the creation and periodic reassessment of biosecurity protocols.
- * Each unit must have an off campus/foreign animal disease control policy in place specifically addressing travel and quarantine restrictions for personnel and students exposed to livestock not under U.W. research animal veterinarian supervision.
- * Movement of personnel between facilities or between areas within a livestock facility must occur in such a manner as to prevent the spread of disease and should be an integral part of the biosecurity program for that unit.

- * Personal protective equipment (PPE) must be appropriate for the animal species, facility, and disease status of the animals in the facility.
- * Livestock being purchased for teaching , research or outreach purposes should be screened according to the biosecurity policy in place for that unit and may in addition require further testing according to the research animal veterinarian's direction.
- * All actions will be implemented so as to minimize impact on research.

Failure to follow these actions may result in suspension of the PIs' animal use privileges, in order to protect valuable research resources.

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Reference Minutes: 07/02/07, 08/03/07

see also Policy 2007-033, "Disease Management Policy For Laboratory Animals"