



Alternative IACUC/Animal Research External Personnel Training

(Translate into desired language if necessary)

- 1) Name the federal agencies that regulate the use of animals in research, teaching, and testing.
 - a) US Dept. of Agriculture (USDA) via the Animal Welfare Act
 - b) Dept. of Health & Human Services, Public Health Service (PHS)
 - i) OLAW (Office of Laboratory Animal Welfare)
- 2) Name the *Guides* developed to help scientists and IACUCs provide humane care and use of animals.
 - a) PHS Policy
 - b) "The Guide" for the Care & Use of Laboratory Animals or "The Ag Guide" (as applicable)
 - c) USDA Animal Welfare Act & Animal Welfare Regulations
 - d) The AVMA Guidelines for the Euthanasia of Animals
- 3) Summarize the scientists' responsibilities when using animals in research, teaching, and testing
 - a) Know the regulations
 - b) Consider alternatives to painful/ distressing procedures
 - c) Apply the 3Rs to animal use activities (see #4)
 - d) Accept personal responsibility
- 4) Incorporate reduction, replacement, and refinement (the 3Rs) into your research, teaching, and testing activities
 - a) Replacement: replace use of animals with non-animal techniques (computer models, cell culture)
 - b) Reduction: reduce the number of animals used (limit group sizes – minimum needed for statistical significance; share tissues)
 - c) Refinement: changing procedures to reduce pain & distress (new anesthetics/ analgesics; new bleeding techniques; improved surgical techniques)
- 5) Consider your animal research project. Effectively:
 - a) Assure that personnel are trained and qualified. Complete educational background and experience with the species and procedures listed in the AUP should be provided so the IACUC can review personnel qualifications.
 - b) Employ occupational health and safety programs – enrollment in TAMU BOHP (Biosafety Occupational Health Program), "visitor form"- What risks will you be exposed to in your research?
 - i) List AUP- and species-specific risks (e.g.: zoonoses, animal allergies): [LIST]
 - c) Recognize and alleviate pain and distress in animals
 - d) Understand the need for proper anesthesia, analgesia and sedation
 - e) Use proper pre/post procedural techniques, monitoring and care
 - f) Use properly aseptic technique in surgery
 - g) Specify humane endpoints and appropriate euthanasia
- 6) Identify methods whereby deficiencies in animal care and treatment are reported, including deficiencies in animal care and treatment reported by any employee of the facility.
 - a) No facility employee, Committee member, or laboratory personnel shall be discriminated against or be subject to any reprisal for reporting violations of any regulation or standards under the Animal Welfare Act.
 - b) Animal Care Concerns can be reported to the IACUC Chair at 1-979-845-1828, or the Attending Veterinarian at 1-979-845-7433, or at <https://vpr.tamu.edu/animals-in-research-and-teaching/#report>

I have read and understand the above training and will read the approved AUP# [LIST] before performing animal activities. I will perform only the animal activities for which I am approved and follow monitoring and removal criteria as defined in the approved AUP.

Printed Name:	
Signature:	Date: